



European
Society of
Pathology

36th European Congress of Pathology

*Multidimensional Pathology –
Cornerstone of modern diagnostics*

7–11 September 2024

Fortezza da Basso, Florence, Italy

www.esp-congress.org

**Final
Programme**



European
Society of
Pathology

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► Host Organisation

European Society of Pathology
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www.esp-pathology.org

► Scientific Contact

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► Congress and Exhibition Office

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► Congress Venue

Fortezza da Basso
Viale Filippo Strozzi 1
50129 Florence, Italy
www.firenzefiera.it
Entrance: Porta Faenza

Welcome Address



Peter Schirmacher



Gabriella Nesi

Dear Colleague,

The European Society of Pathology (ESP) and the Italian Society of Pathology welcome you to the 36th European Congress of Pathology (ECP 2024). It will take place in the Congress Centre, Fortezza da Basso, of the wonderful city of Florence from 7–11 September 2024. Over the last years ECP has become the worldwide leading congress in Pathology and the Florence congress will increase this legacy with top contributions in diagnostic training, research and education. For these few days in September, pathologists, clinicians, molecular biologists, geneticists, bioinformaticians, IT experts as well as our industry partners will gather together for ECP 2024 and will make Florence the capital of Pathology.

The motto of the ECP 2024, Multidimensional Pathology – Cornerstone of modern diagnostics, reflects the fact that Pathology as no other medical discipline has integrated novel technologies – such as electron microscopy, immunohistology, molecular diagnostics and recently computational pathology (and more to come) – into its portfolio while safely relying on classical histology in its broad spectrum of diagnostic services. By this, Pathology has gained a position as one of the forefront innovation drivers in medicine and a key player in medical decision making. ECP 2024 is dedicated to provide up-to-date insight into the whole spectrum of modern diagnostic and translational tools and achievements that characterize Pathology and its contribution to innovative diagnostics.

The ESP working groups and affiliated Societies have planned excellent state-of-the-art organ- and topic-based sessions providing the latest developments in diagnostic Pathology. Special sessions focusing on hot topics and recent research findings are organised jointly with our cooperating scientific societies. Keynote lectures held by internationally recognized experts will provide the cutting edge of Pathology, Research and Development and all these highlights are complemented by many oral free, poster and educational sessions which provide ample possibilities for presentation of your own research.

We are delighted to welcome you to Florence!

Peter Schirmacher, Germany
President of the European Society of Pathology

Gabriella Nesi, Italy
Chair of the Local Organising Committee of ECP 2024

► Brief Description of the ESP

The European Society of Pathology (ESP), established in 1963, has its headquarters in Brussels and represents the leading European force in Pathology with more than 4,500 active members, 25 Working Groups (WG) and affiliated societies and 30 national pathology societies. Its vision is “excellence in pathology for optimal patient care”.

The primary aim of ESP is to promote high-quality pathology diagnosis for all patients, to promote up-to-date education across Europe and to support cutting-edge research to understand disease and translate science into clinical practice. The ESP organises an annual congress, holds several virtual and on-site postgraduate courses each year through the European School of Pathology and others, and has an official journal “Virchow Archiv”. The ESP interacts with national pathology societies in Europe and has a significant number of established collaborations with other European organisations, clinical and scientific associations, and international pathology societies. All ESP educational and training programmes (e.g., Courses, ESP Academy, Giordano Fellowship) and scientific activities will inevitably advance pathology in Europe and greatly facilitate communication between European pathologists.

The ESP Foundation, established in 2016, provides educational and training programmes in different pathology areas as well as external quality assessment (QA) programmes for several biomarkers. Diagnostic laboratories worldwide participate in the ESP Foundation QA schemes, such as Lung, Colon and PDL1. For more information, please visit

<https://www.esp-pathology.org/>

Office of the ESP

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► Scientific/Organising Committee

Peter Schirmacher, Germany
Aleš Ryška, Czech Republic
Xavier Matias-Guiu, Spain
Fátima Carneiro, Portugal
Raed Al Dieri, Belgium
Gabriella Nesi, Italy
Daniela Massi, Italy
Filippo Fraggetta, Italy
Angelo Paolo dei Tos, Italy

► ESP Executive Committee and Council

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Xavier Matias-Guiu, Spain

Secretary:

Janina Kulka, Hungary

Treasurer:

Maria Rosaria Raspollini, Italy

Past President:

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Arno van Leenders, The Netherlands

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Dina Tiniakos, Greece/UK

ESP Director General:

Raed Al Dieri, Belgium

► Working Groups of the ESP

Chair of the ESP Working Groups: Aleš Ryška, Czech Republic

- 1. Autopsy Pathology**
Chair: C. Basso, Italy
Co-Chair: G.-E. Olteanu, Romania
- 2. Breast Pathology**
Chair: Z. Varga, Switzerland
Co-Chair: Z. Bago-Horvath, Austria
- 3. Cytopathology**
Chair: G. Troncone, Italy
Co-Chair: S. S. Prince, Switzerland
- 4. Dermatopathology**
Chair: B. Luzar, Slovenia
Co-Chair: V. Damaskou, Greece
- 5. Digestive Diseases Pathology**
Chair: R. Feakins, UK
Co-Chair: I. Esposito, Germany
- 6. Digital and Computational Pathology**
Chair: I. Zlobec, Switzerland
Co-Chair: A. Polónia Oliveira, Portugal
- 7. Electron Microscopy**
Chair: R. Kain, Austria
Co-Chair: V. Papa, Italy
- 8. Endocrine Pathology**
Chair: S. Uccella, Italy
Co-Chair: M. Dettmer, Germany
- 9. Gynaecological Pathology**
Chair: B. Davidson, Norway
Co-Chair: A. Felix, Portugal
- 10. Head and Neck Pathology**
Chair: S. Ihrler, Germany
Co-Chair: A. Sandison, UK
- 11. History of Pathology**
Chair: R. Henriques de Gouveia, Portugal
Co-Chair: J. Gulczyński, Poland
- 12. Infectious Diseases Pathology**
Chair: A. Mataić, Croatia
Co-Chair: R. Langer, Austria
- 13. Molecular Pathology**
Chair: O. Carpen, Finland
Co-Chair: M. Ilić, France
- 14. Nephropathology**
Chair: H. Hopfer, Switzerland
Co-Chair: A. Perkowska-Ptasińska, Poland
- 15. Paediatric and Perinatal Pathology**
Chair: A. Coulomb, France
Co-Chair: R. Alaggio, Italy
- 16. Pathology in Favour of Developing Countries**
Chair: G. de Falco, UK
Co-Chair: M. Martini, Italy
- 17. Pulmonary Pathology**
Chair: P. Hofman, France
Co-Chair: S. Berezowska, Switzerland
- 18. Soft Tissue and Bone Pathology**
Chair: D. Baumhoer, Switzerland
Co-Chair: F. Amary, UK
- 19. Thymic and Mediastinal Pathology**
Chair: J. von der Thüsen, The Netherlands
Co-Chair: A. Roden, USA
- 20. Uropathology**
Chair: M. Colecchia, Italy
Co-Chair: D. Ertoý Baydar, Turkey

► Affiliated Societies

- **Cardiovascular Pathology**
President: C. Basso, Italy
Educational Councilor and AECVP representative for ESP: G. D'Amati, Italy
- **Haematopathology**
President: L. Quintanilla-Fend, Germany
Scientific Secretary: J. Goodlad, UK
- **Neuropathology (Euro – CNS)**
President: B. Winther Kristensen, Denmark
Secretary General: Z. Jaunmuktane, UK
- **Ophthalmic Pathology**
President: R. M. Verdijk, The Netherlands
- **Paediatric Pathology**
President: Jelena Martinovic, France
Secretary: Alfons Nadal, Spain

► **Manuel Salto-Tellez (United Kingdom)**

Prof. Manuel Salto-Tellez (MD-LMS, FRCPath, FRCPI) is Professor on Integrative Pathology at the Institute for Cancer Research in London (ICR), and the lead of the Royal Marsden Hospital / ICR Integrated Pathology Unit. He is also the Chair of Molecular Pathology at Queen's University Belfast (QUB), a clinical consultant pathologist and the Lead of QUB's Precision Medicine Centre of Excellence.



Manuel Salto-Tellez

Prof. Salto-Tellez studied Medicine in Spain (Oviedo), Germany (Aachen) and The Netherlands (Leiden). He specialized in Histopathology in the UK (Edinburgh and London) and in Molecular Pathology in USA (Philadelphia). For more than 10 years he worked at the National University of Singapore and its National University Hospital, where he was associate professor, senior consultant, director of the Diagnostic Molecular Oncology Centre, Vice-dean for Research and senior scientist at the Cancer Research Institute.

Prof. Salto-Tellez is author or co-author of more than 320 internationally peer-reviewed articles in translational science, molecular pathology and diagnostics, has published a similar number of abstracts in international conferences, and is editor or contributor to some of the key textbooks of pathology and oncology, including the WHO Blue book on Digestive Tract (5th edition, co-editor); Ian Talbot, Ashley Price, Manuel Salto-Tellez. Biopsy Pathology in Colorectal Disease, 2Ed, Hodder Arnold; and the Oxford Textbook of Oncology. Third Edition. Edited by David J. Kerr, Daniel G. Haller, Cornelis J. H. van de Velde, and Michael Baumann.

Prof. Salto-Tellez has served in key committees in cancer and academia, at national and international levels, and holds more than £21M in competitive grant funding, including major programmes with CRUK, UKRI and NIHR. He is scientific advisor to 2 companies in the digital pathology and artificial intelligence space.

► Anna Sapino (Italy)

Professor Anna Sapino is Professor of Surgical Pathology at the University of Torino (IT) and serves as the Head of the Department of Medical Sciences Sciences-University of Torino (IT). She also holds the position of Scientific Director at the Institute of Cancer Research, Fondazione del Piemonte per l'Oncologia FPO-IRCCs Candiolo (TO), Italy, and is the President of the Italian Institute for Genomic Medicine.



Anna Sapino

Prof. Sapino leads a well-consolidated research group focusing on improving the quality of diagnostic tests and innovating pathological diagnosis. Her work emphasizes enhancing the pre-analytical phase in surgical pathology to ensure optimal downstream analysis quality. Additionally, she validates new biomarkers for personalized therapeutic approaches and enhances the efficacy of established biomarkers for targeted therapy.

She has authored over 400 peer-reviewed papers, garnering more than 14,000 citations and has received numerous accolades, including the 2018 Carrier Award of the German IAP, the Women of Talent (IT)-Award in 2019 and the 2022 International award from Scuola Medica Salernitana for her commitment in medicine, ethics, and high managerial skills in the health field. She worked for several years as President of the Association of Women operated for Breast Cancer (Torino-IT) and Chair of the Working Group of Breast Pathology of the ESP.

► **Günter Klöppel (Germany)**

Günter Klöppel is Emeritus Professor of Pathology of the University of Kiel since 2009 and consultant for pancreatic and endocrine tumours at the Department of Pathology of the Technical University of Munich, Germany. In 1970, he obtained an MD (Dr.med.) from the University of Hamburg and a PhD in Pathology in 1976. He was Professor of Pathology and Director of the Department of Pathology at the Academic Hospital Jette and the Department of Experimental Pathology at the Free University of Brussels, Belgium from 1987 to 1995. From 1995 to 2009 he headed the Department of Pathology of the University of Kiel, Germany.

He is a member of the German Academy of Sciences Leopoldina and several other societies. He was President of the German Society of Pathology (2002) and the European Society of Pathology (1999-2001). He has been the recipient of numerous awards, including the Ferdinand Bertram Award of the German Diabetes Society, the Jühling Award, the Lifetime Achievement Awards of the European Pancreatic Club (EPC), and the European Neuroendocrine Tumour Society (ENETS), and the German Cancer Award for Clinical Research. He is Honorary Member of the European, Spanish and Austrian Society of Pathology, the Belgian Society of Gastroenterology, and the EPC. From 1996 to the present day, he contributed as editor and author to the development of the World Health Organisation (WHO) classifications of digestive diseases and endocrine neoplasms. Since 2009 he works as an auditor for the ENETS Centre of Excellence Programme.

His scientific contributions comprise research on classification and genetics of pancreatic and extra- pancreatic neuroendocrine neoplasms, the precursor lesions of pancreatic ductal adenocarcinoma and their molecular progression, the description and classification of special pancreatic tumour types, the pathology and pathogenesis of non-neoplastic pancreatic diseases such as alcoholic and autoimmune pancreatitis, diabetes, cystic fibrosis, and nonneoplastic hyperinsulinemic hypoglycemia. He has authored/co-authored more than 500 peer-reviewed articles and book chapters and edited 14 books.



Günter Klöppel

► **Abbas Agaimy** (Germany)



Abbas Agaimy

Dr. Abbas Agaimy, M.D., holds the position of Professor & Deputy Director at the Institute of Pathology, Friedrich-Alexander-University Erlangen-Nuremberg, University Hospital, Erlangen, Germany. He pursued his medical education at the University of Khartoum, Sudan, and regraduated after a complementary study from the University of Freiburg/Breisgau, Germany. Dr. Agaimy completed his residencies in Histopathology at various German clinics and earned board certification in anatomic pathology from the Bavarian Medical Council.

Throughout his career, Dr. Agaimy has garnered recognition through prestigious awards such as the Dr. Hans und Elisabeth Birkner-Stiftung's Award, Sarcoma Research Prize, and GIST Prize. Notably, he has been acknowledged as one of the top 2% most-cited scientists globally in the field of pathology. He actively contributes to the academic community by serving on the editorial boards of esteemed leading journals in the field (The American Journal of Surgical Pathology, Modern Pathology & Histopathology) and "Virchows Archiv," where he currently holds the position of Editor-in-Chief.

A dedicated member of various pathology societies such as the International Academy of Pathology/USCAP and the European Society of Pathology, Dr. Agaimy's research interests encompass a wide array of areas including head & neck cancer, GI stromal tumours (GIST), GI & pancreatobiliary cancer, soft tissue tumours/sarcoma, undifferentiated malignancies, hereditary tumour syndromes, and SWI/SNF-deficient neoplasia.

With over 600 PubMed-listed publications to his credit and a cumulative impact of over 4000, Dr. Agaimy's contributions to the field are substantial. His expertise extends to over 40 book chapters, including contributions to the World Health Organization (WHO) classification of tumours in various organ systems.

► Bursaries

The ESP has awarded bursaries to support the attendance of residents and trainees in pathology at the 36th European Congress of Pathology in Florence. Bursaries include a free registration to the congress as well as a monetary grant of EUR 250.

The ESP provides **two different types of bursaries**:

1. abstract-based bursaries to support the attendance of residents and trainees in pathology at the congress in Florence
2. bursaries for pathologists from under-resourced countries

► Recipients of abstract-based bursaries

María Augusta Abad Vintimilla, Spain
 Alyssa Camille Ablaza, Philippines
 Imola Adamik, Hungary
 Kshitija Adhav, India
 Maria Malina Agu, Romania
 Oumayma Ait Ouhssein, Morocco
 Ali Eren Akin, Turkey
 Dipali Akolekar, India
 Ahmet Ramazan Akur, Turkey
 Elisa Albertini, Italy
 Alexandru Mazuch, Romania
 Andreea Valentina Alexe, Romania
 João Carlos Almeida, Portugal
 Andrea Alpeza, Croatia
 Deema Alshaar, Syrian Arab Republic
 Maria Vittoria Altavilla, Italy
 Ana Alves, Portugal
 Maria Alzamora, Portugal
 João Amaral, Portugal
 Elise Andre, France
 Tamara Angelovska, North Macedonia
 Valentina Angerilli, Italy
 Diana Aniceto Baptista, Portugal
 Rania Aouadi, Tunisia
 Inês Araújo, Portugal
 Bruno Bernardo Ardaya Lopez, Spain
 Marina Arias, Spain
 Aleksandra Asaturova, Russia
 Rabia Reyhan Askin, Turkey
 Refik Selim Atamanalp, Turkey
 Tuğçe Aydemir, Turkey
 Julia Azevedo, Portugal
 Gorkem Bal, Turkey
 Teodora Ana Balan, Romania
 Naciye Betül Barut, Turkey
 Cesarina Altagracia Batista, Spain
 Zineb Belcaid, The Netherlands
 Ons Belhadj, Tunisia

Khoulood Ben Lazreg, Tunisia
 Sarra Ben Rejeb, Tunisia
 Yasmine Ben Romdhane, Tunisia
 Chafiaa Benallal, Morocco
 Havva Berber, Turkey
 Sheenal Bhatia, India
 Hülya Bilgi, Turkey
 Beyza Binici, Turkey
 Irene Blázquez Muñoz, Spain
 Milica Bogosavljevic, Serbia
 Asya Tuğçe Bol, Turkey
 Adelin Bordea, Romania
 Ons Boudaouara, Tunisia
 Lobna Bouzidi, Tunisia
 Mariana Simplicio Brito, Portugal
 Irem Buldum, Turkey
 Kübra Bulut, Turkey
 Diana Paula Burlacu, Romania
 Gabriela Caballero, Spain
 Giorgia Cacciola, Italy
 Yasemin Cakir, Turkey
 Andrea Canino, Italy
 Zeynep Canturk, Turkey
 Sofia Carralas Antunes, Portugal
 Antonio Carrasco Lorenzo, Spain
 Gonçalo Carrola, Portugal
 Michele Carroli, Italy
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 Sanae Chaib, Morocco
 Nuno Chiote, Portugal
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 Ruslana Chyzhma, Ukraine
 Ioana-Anastasia Cibotariu, Romania
 Teodora-Elena Ciolan, Romania
 Ana Maria Ciongariu, Romania
 Ana Rita Coelho, Portugal

Ana María Colino Gallardo, Spain
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Ivana Covic, Croatia
Andreea-Raluca Cozac-Szoke, Romania
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Ljubica Cukovic, Serbia
Federica D'aquila, Italy
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Camília Dabaj, Morocco
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Anastasiia Denysenko, Ukraine
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Alba Diez Fernández, Spain
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David Egong, Ireland
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Ichrak El Hadhri, Tunisia
Omar El Mnif, Tunisia
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Daria Gorelova, Russia
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Bilge Günay Gülen, Turkey
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Fatma Sena Gürevin, Turkey
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Stefan Ivic, Serbia
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Berik Kaliullayev, Spain
Hilal Kandemir, Turkey
Sahar Kanoun, Tunisia
Adil Aziz Khan, India
Rhea Khazen, Lebanon
Éva Kocsmár, Hungary
Deniz Köse, Turkey
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Gülsah Kolak Gözükcük, Turkey
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Nikolina Kurtovic, Croatia
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Živa Ledinek, Slovenia
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Francesca Lunardi, Italy
Bryan Luu, Canada
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Rodrigo Lyrio, Portugal
Víctor Macarrón, Spain
Jesús Machuca-Aguado, Spain
Joana Madeira, Portugal

Asma Mahmoudi, Tunisia
João Pedro Maldonado, Portugal
Ines Mallek, Tunisia
Angelina Malysheva, Russia
Maria Eugenia Maracci, Italy
Violeta Nicoleta Marin, Romania
Giulia Martinelli, Italy
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Lusine Nazanyan, Armenia
Razvan Neagu, Romania
Andreea-Adriana Neamtu, Romania
Ngoc-Nhu Jennifer Nguyen, Canada
Alexandra-Iulia Nitu, Romania
Asli Noyan, Turkey
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Ivana Petrovic, Serbia
João Miguel Pimentel, Portugal
David Piñol Ballús, Spain
Camelia Plesa, Romania
Alex Caleb Pop, Romania
Maria Catalina Popelea, Romania
Andreea-Iuliana Praf, Romania
Alba Prat, Spain
Andrea Quaranta, Italy

Sara Quinones, Spain
Nidhi Radhakrishnan, India
Zlatka Radicevic, Croatia
Marija Radošević, Serbia
Georgian-Nicolae Radu, Romania
Carolina Ramírez Sánchez, Spain
Victoria Silvia Recalde, Argentina
Rosa Rendon, Spain
Vladimir Risteski, North Macedonia
Renato Rocha, Portugal
Pedro Rodrigues Veiga, Portugal
Miguel Rodrigues, Portugal
Amanda Rodríguez Villena, Spain
Ricardo Rolim, Portugal
Miriam Rubiera Valdés, Spain
Leonor Ruivo, Portugal
Iswarya S Nair, India
Diogo Sá, Portugal
Sebastian Matei Sabo, Romania
Maria Luísa Sacramento, Portugal
Zeynep Sagnak Yilmaz, Turkey
Vilma Salgado, Portugal
Serena Salzano, Italy
Cecilia Salzillo, Italy
Eva Paola Sánchez López, Spain
Inmaculada Sánchez Ramírez, Spain
Laura Sánchez, Spain
Fanni Santa, Hungary
Pablo Santiago Díaz, Spain
Alexandre Sayadi, France
Marta Semko, Ukraine
Mine İlayda Sengör Aygün, Turkey
Bárbara Sepodes, Portugal
Aysenur Sert, Turkey
Kateryna Sikora, Ukraine
Simina-Petra Simion, Romania
Lia Sisuashvili, Spain
Joana Sobreiro Furtado Silva, Portugal
Laura Elena Stanciu, Romania
Ivana Stanišić, Serbia
Teodora Stojanovic, Serbia
Milena Šunjevic, Serbia
Antonia Syrnioti, Greece
Luca Szalai, Hungary
Rita Szodorai, Romania
Madalina-Gabriela Tanasa, Romania
Arshi Tandon, India
Dana Tapoi, Romania
Ana Elisa Teles, Portugal
Havva Gokce Terzioğlu, USA
Nuray Tezcan, Turkey
Puja Thakur, India

Giordana Tinnirello, Italy
Iuliana-Anamaria Traila, Romania
Anna Tregubova, Russia
Roberta Maria Tripea, Romania
Vladan Trivunovic, Serbia
Ayse Türkmen Dedeoglu, Turkey
Tudor Turcu, Romania
Selin Turgut, Turkey
Asiye Üzümcü, Turkey
Melike Urganci, Turkey
Huri Kübra Uzkuç, Turkey
Aimée Jaycilaine Cicley Van Der Biezen,
Spain

Anna Vera Ditte Verschuur, The Netherlands
Sara-Alexandra Vese, Romania
Coca-Mihaela Vieru, Spain
Alon Vigdorovits, Romania
Mariana Natty Villca Huayta, Spain
Ana-Daniela Vitan, Romania
Paula Isabela Voinescu, Spain
Martina Vuletic, Croatia
Rahma Yaiche, Tunisia
Aysen Yavuz, Turkey
Simone Zanella, Italy
Mouna Zghal, Tunisia
Juzzy Tatiana Zúñiga Gaitán, Spain

► Recipients of non-abstract-based bursaries

Kasimu Adoke, Nigeria
Daniela Bajdevska Dukoska,
North Macedonia
Elif Kardelen Çağdas, Turkey
Begum Calim-Gurbuz, Turkey
Sanja Despotovic, Serbia
Kutsal Dogan, Turkey
Mariam Gabeshia, Republic of Georgia
Tamar Guchashvili, Republic of Georgia
Mehmet Gündüz, Turkey
Ismail Guzelis, Turkey
Ljubisa Jovanovic, Serbia
Bozidar Kovacevic, Serbia
Vladimir Kushnarev, Armenia
Petro Kuzyk, Ukraine

Tanja Lakic, Serbia
Blagjica Lazarova, North Macedonia
Rine Limani, Kosovo
Marrakchi Mohamed Lamine, Algeria
Ahmed Montasser, Egypt
Roman Moskalenko, Ukraine
Zeineb Nfikha, Tunisia
Ana Lia Nocito, Argentina
Milana Panjkovic, Serbia
Olga Parnytska, Ukraine
Labinot Shahini, Kosovo
Cansu Sönmez, Turkey
Slavica Stojnev, Serbia
Meral Üner Turkey



Congratulations!



37th European Congress of Pathology

ECP Vienna – Tradition Meets Future

6 – 10 September 2025
Vienna, Austria

www.esp-congress.org

**Save
the date**

► CME Accreditation

The 36th European Congress of Pathology, Florence, Italy has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 30 European CME credits (ECMEC®s).

Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity. Credits can be claimed online starting 12 September 2024. Delegates will be asked to evaluate the congress to claim their certificate(s).

Participants viewing the recordings after the event has taken place are entitled to CME credits, in the same way as the participants to the live event. The CME credits are granted, as for the live event, on the basis of actual “participation”, i.e. how many hours of live-stream or on-demand recording the participants have viewed. The maximum number of credits granted for watching the recordings will be the same as for the live event and cannot exceed this number whatever the number of sessions attended or viewed. A participant may not obtain credits for participating at the live event and watching the same sessions as recordings.

Access to all sessions (excl. Videomicroscopy Sessions) on-demand will be available until 11 October 2024 for non-members or 11 December 2024 for ESP members. Please note that certificates will not be sent automatically. If you watch several sessions on different days, please do not forget to request your updated certificate via the CME Portal again.

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 Credits™.

Information on the process to convert EACCME® credit to AMA credit can be found at www.ama-assn.org/education/earn-credit-participation-international-activities.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC®s are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

	CME credits full day	CME credits morning	CME credits afternoon
08 Sept 2024	8	4	4
09 Sept 2024	8	4	4
10 Sept 2024	8	4	4
11 Sept 2024	6	3	3

► Fortezza da Basso – Overview



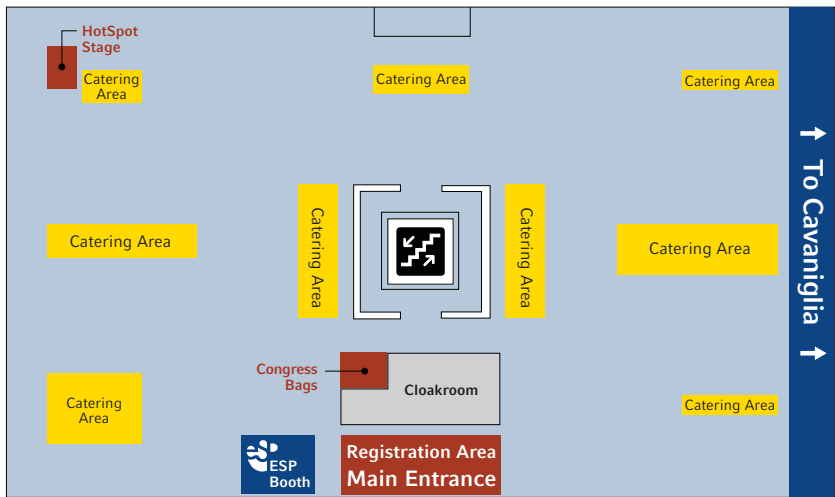
3D-Tool

Fortezza da Basso

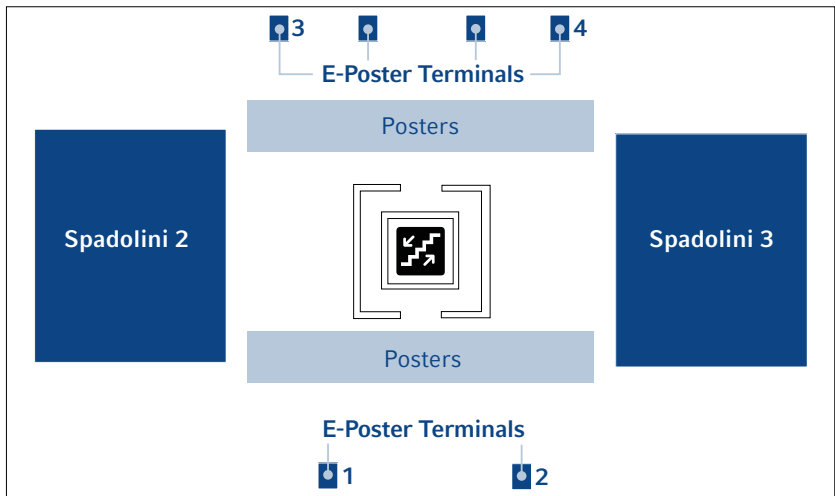


▶ Spadolini Pavilion – Ground Floor

■ ECP Session Rooms ■ Exhibition

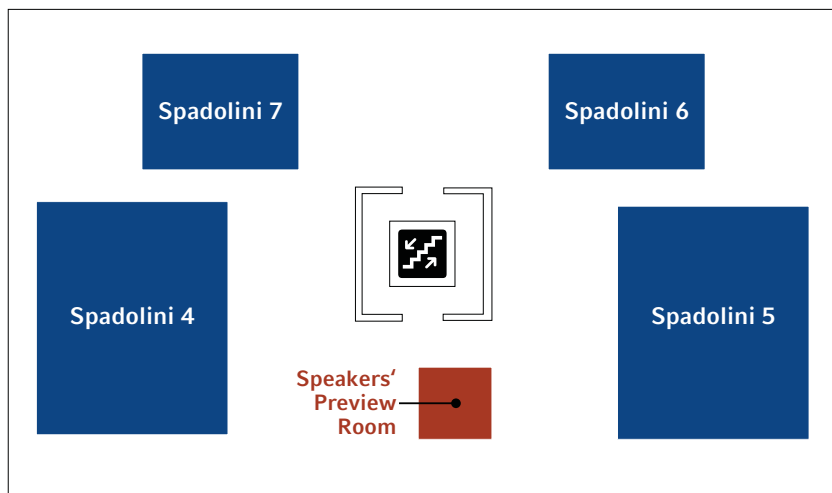


▶ Spadolini Pavilion – Upper Floor



► Spadolini Pavilion – Lower Floor

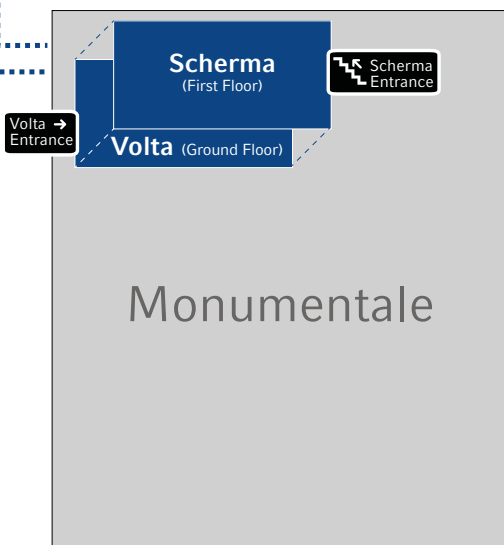
■ ECP Session Rooms



► Monumentale

To Spadolini
Pavilion

To Cavaniglia



► Colours and Abbreviation Codes of Sessions

Working Group Sessions

AUT	Autopsy pathology
BREAST	Breast pathology
CARD	Cardiovascular pathology
CYTO	Cytopathology
DCP	Digital and Computational Pathology
DERM	Dermatopathology
DEVEL	Pathology in favour of developing countries
DIGE	Digestive diseases pathology
EM	Electron microscopy
ENDO	Endocrine pathology
GYNAE	Gynaecological pathology
HAEMA	Haematopathology
H&N	Head and neck pathology
HIST	History of pathology
INFE	Infectious diseases pathology
MOPA	Molecular pathology
NEPH	Nephropathology
NEURO	Neuropathology
OPHTH	Ophthalmic pathology
PAED	Paediatric and perinatal pathology
PULM	Pulmonary pathology
SO-TI	Soft tissue and bone pathology
THYM	Thymic and mediastinal pathology
URO	Uropathology

Special Sessions

KEYNOTE	Keynote Lecture
SPEC	Special Session ESP
SpS	Special Session
TR	Trainees' Session
MD	Molecular Pathology Diagnostics Symposium
CP	Computational Symposium

► Formats

BPS	► Best Poster Session
KNL	► Keynote Lecture
LC	► Long Course
OFF	► Oral Free Paper Session
SC	► Short Course
SPEC/SpS	► Special Session
SS	► Slide Seminar
SY	► Symposium
TR	► Trainees' Session
VM	► Videomicroscopy

► Associations/Societies collaborating in the Scientific Programme

- Arthur Purdy Stout Society (APSS)
- Association for European Cardiovascular Pathology (AECVP)
- European National Societies affiliated to the ESP
- European Confederation of Neuropathological Societies (Euro-CNS)
- European Crohn's and Colitis Organisation (ECCO)
- Hans Popper Hepatopathology Society (HPPS)
- International Academy of Pathology (IAP)
- International Agency for Research on Cancer (IARC)
- International Collaboration on Cancer Reporting (ICCR)
- Pancreatobiliary Pathology Society (PBPS)
- Rodger C. Haggitt Gastrointestinal Pathology Society (GIPS)

Programme Overview per Day

► Saturday, 7 September 2024

	Spadolini 3	Cavaniglia	Spadolini Ground Floor
Registration ► 16:00–20:00			
	16:45–18:15 Industry Satellite Symposium (see page 224)		
		19:00–20:00 Opening Ceremony	
			20:00–22:00 Technical Exhibition and Welcome Reception

Sunday, 8 September 2024

Registration ▶ 07:00 – 18:00	Technical Exhibition ▶ 09:00 – 17:15			Cavaniglia	Spadolini 3	Spadolini 4	Spadolini 5
		07:15 – 08:15					
		08:30 – 12:00	09:30 – 10:30 Coffee Break + Poster Sessions	SY DIGE (Liver) Steatotic liver disease	SpS How to approach GU tumours: a gaming experience	SY ENDO The standardization of the histopathological diagnosis of digestive NENs – the pathologist's answer to the clinician's needs (+ <i>Business Meeting</i>)	LC DERM & OPHTH <i>Joint</i> Tumours of the eyelid
		12:15 – 13:00		Keynote Lecture by Manuel Salto-Tellez Integrated Diagnostics and Modern Pathology (in Cavaniglia)			
		13:00 – 14:30	 Lunch		Industry Satellite Symposia (see page 225)		
		14:45 – 16:45		SC DIGE (GI) Current concepts in inflammatory bowel disease (IBD) (In collaboration with ECCO)	SS BREAST Challenging cases in breast pathology	SC ENDO & CYTO <i>Joint</i> Follicular and oncocytic thyroid nodules – the bane of cytopathologist and histopathologist	VM DERM Rare lesions in the skin
		16:45 – 17:15		Best Poster Sessions (at E-Poster Terminals)			
		17:15 – 19:15		SC DIGE (Liver) Non-epithelial tumours of the liver	SY BREAST & H&N <i>Joint</i> Similarities and differences in breast and salivary gland tumours. Morphological and molecular aspects	SS ENDO Molecular analyses in endocrine pathology: a case-based approach	SC DERM Keratoacanthoma and keratoacanthoma-like proliferations on the skin
		19:30 – 20:30					Industry Satellite Symposium (see page 226)

► Sunday, 8 September 2024

Spadolini 6	Spadolini 7	Volta	Scherma	Spadolini 2	
Industry Satellite Symposium (see page 224)					07:15 – 08:15
SY NEPH Podocytopathies – an update	SPEC ESP & IARC & ICCR Joint Tumour classification and structured reporting – what is coming next and what matters?	OFF BREAST	OFF GYNAE & CYTO Joint	CP SYMPOSIUM The promise of computational pathology	08:30 – 12:00
Keynote Lecture by Manuel Salto-Tellez Integrated Diagnostics and Modern Pathology (in Cavaniglia)					12:15 – 13:00
Industry Satellite Symposia (see page 226)				Industry Satellite Symposium (see page 224)	13:00 – 14:30
SC NEPH What's behind membranoproliferative glomerulonephritis? (+ <i>Business Meeting</i>)	SPEC ESP & APSS Joint Brutti ma buoni – benign mimics of malignancy	SC AUT Perinatal death and sudden intrauterine death	OFF MOPA & HAEMA Joint	CP SYMPOSIUM Recent developments and validation	14:45 – 16:45
Best Poster Sessions (at E-Poster Terminals)					16:45 – 17:15
SS NEPH & EM Joint Kidney Transplant Pathology	SPEC Virchows Archiv & ESP Joint Emerging complexity of paediatric neoplasms: An update with focus on the recent WHO	SC AUT The application of novel diagnostic tools in the autopsy setting	OFF NEURO & OPHTH Joint	CP SYMPOSIUM Next frontiers of computational pathology	17:15 – 19:15
					19:30 – 20:30

Monday, 9 September 2024

				Cavaniglia	Spadolini 2	Spadolini 3	Spadolini 4
Registration ▶ 07:00 – 18:00 Technical Exhibition ▶ 09:00 – 17:15	07:15 – 08:15						
	08:30 – 12:00	09:30 – 10:30 Coffee Break + Poster Sessions	SY DIGE (Pancreas) Tumour cell plasticity and evolution in pancreatic cancer	SY BREAST B3 lesions and Quality Assurance in Breast Pathology	SY GYNAE & DEVEL <i>Joint</i> Molecular understanding of tropical diseases as a tool to improve diagnosis and treatment	SY HAEMA How genetics contributes to the diagnosis of extranodal lymphomas	
	12:15 – 13:00		Keynote Lecture by Anna Sapino Diagnosis and Experimental Biology of Cancer of Unknown Primary (in Cavaniglia)				
	13:00 – 14:30	 Lunch		Industry Satellite Symposia (see page 227)			
	14:45 – 16:45		SC DIGE (GI) Intestinal neoplasms that challenge us	SC PULM Treatment effects on the lung in immunocompetent and immunocompromised patients	SC GYNAE Morphological challenges in gynaecologic pathology	SC HAEMA Application of ancillary techniques for diagnostic resolution of reactive and neoplastic bone marrow diseases	
	16:45 – 17:15		Best Poster Sessions (at E-Poster Terminals)				
	17:15 – 19:15		SC DIGE (Pancreas) & PBPS <i>Joint</i> Pathology of the ampullary region: dos and don'ts	SC PULM & MOPA <i>Joint</i> Small cell lung cancer – the present and the future	SS GYNAE Difficult cases resolved by molecular pathology	SS HAEMA Unravelling the intricacies of T- and NK-cell lymphomas and lymphoproliferations	

► Monday, 9 September 2024

Spadolini 6	Spadolini 7	Volta	Scherma	Spadolini 5	
Industry Satellite Symposia (see pages 226 – 227)					07:15 – 08:15
SpS Endocrine neoplasms in Hereditary Syndromes: much more than just MEN	SY SO-TI New (molecular) approaches to (precision oncology of) bone and soft tissue tumours (+ <i>Business Meeting</i>)	OFF PULM & DCP <i>Joint</i>	SC AUT & CARD <i>Joint</i> Cardiovascular inflammatory disease at autopsy	MD SYMPOSIUM European Master Molecular Pathology (EMMP) – Project presentations Update data evaluation and variant interpretation	08:30 – 12:00
Keynote Lecture by Anna Sapino Diagnosis and Experimental Biology of Cancer of Unknown Primary (in Cavaniglia)					12:15 – 13:00
	Industry Satellite Symposium (see page 228)			Industry Satellite Symposium (see page 228)	13:00 – 14:30
SPEC ESP & IAP <i>Joint</i> Pathologists changing the world	SC SO-TI (Updates on) emerging new entities	OFF ENDO & H&N <i>Joint</i>	SS CARD Diagnostic toolbox for the “thick heart”	MD SYMPOSIUM Update on new technologies	14:45 – 16:45
Best Poster Sessions (at E-Poster Terminals)					16:45 – 17:15
SPEC ESP Clinical trial pathology – potential, pitfalls, and perspectives	SC SO-TI EWSR1-rearranged lesions of bone and soft tissue	SC PAED Placental pathologies influencing neonatal outcome	SY CARD Update on diagnostic criteria for myocarditis in the autopsy and biopsy setting	MD SYMPOSIUM Update on gynaecological tumours	17:15 – 19:15

Tuesday, 10 September 2024

				Cavaniglia	Spadolini 2	Spadolini 3	Spadolini 4
Registration ▶ 08:00 – 18:00	Technical Exhibition ▶ 09:00 – 17:15	08:30 – 12:00	09:30 – 10:30 Coffee Break + Poster Sessions	LC URO Hot issues in genitourinary pathology	LC H&N Major controversies in head and neck pathology	LC PULM Update on current and upcoming ancillary methodology in lung pathology diagnostics	LC MOPA & DCP <i>Joint</i> Molecular meets digital
		12:15 – 13:00		ESP Symeonidis Lecture by Günter Klöppel Subtyping of Pancreatic Neuroendocrine Neoplasms (in Cavaniglia)			
		13:00 – 14:30	 Lunch		Industry Satellite Symposia (see page 229)		
		14:45 – 16:45		SY DIGE (GI) & GIPS <i>Joint</i> Demystifying unusual inflammatory patterns of the luminal gastrointestinal tract	SS H&N A basket of surprising cases	SY PULM & HAEM <i>Joint</i> Too much blue in lung and pleura – malignant and benign lymphoid lesions	SC DCP Next Generation Pathologists
		16:45 – 17:30		Plenary OFP Session (at E-Poster Terminal 1)			
		17:30 – 19:30		SC DIGE (GI) Gastrointestinal manifestations of systemic disease	SC H&N Near misses in head/neck cases (+ <i>Business Meeting</i>)	SS TR & PULM <i>Joint</i> Lung pathology – from beginner to expert in 120 minutes. The most important stuff you need to know and some pearls	SC DCP with ESDIP Debating the pros and cons of AI topics

► Tuesday, 10 September 2024

Spadolini 5	Spadolini 6	Spadolini 7	Volta	Scherma	
SY HAEMA & PAED Joint Lymphoid and histiocytic lesions in CAYA	SpS Challenges in Bone and Soft Tissue Pathology	OFP DIGE (GI) & DIGE (LIVER/ PANCREAS) Joint	OFP THYM/DEVEL/ CARD/HIST/ AUT Joint	SC HIST & EM & INFE Joint History of EM in Pathology	08:30 – 12:00
ESP Symeonidis Lecture by Günter Klöppel Subtyping of Pancreatic Neuroendocrine Neoplasms (in Cavaniglia)					12:15 – 13:00
Industry Satellite Symposia (see page 230)					13:00 – 14:30
OFP DERM	OFP URO & NEPH Joint	SY THYM The value and challenges of alternative histopathological techniques in the workup of mediastinal tumours	SY HIST & DEVEL Joint The Rosetta Stones of Pathology	OFP SO-TI & INFE Joint	14:45 – 16:45
Plenary OFP Session (at E-Poster Terminal 1)					16:45 – 17:30
SS MOPA & PAED Joint Tumour predisposition syndromes in CAYA: another planet?	SPEC ESP Education Subcommittee Transcending the diagnostician role: pathologists beyond boundaries	SS THYM The mediastinal case that kept me up at night	SC HIST Historical Forum on Renaissance Medicine and Pathology	SY EM Emerging topics and fields in diagnostic EM	17:30 – 19:30

► Wednesday, 11 September 2024

			Cavaniglia	Spadolini 2	Spadolini 3	Spadolini 4
Registration ► 08:00 – 17:30	08:30 – 12:00	Coffee Break + Poster Sessions	SY DIGE (GI) Pre-malignancy and early cancer of the GI tract: pathological precision	LC URO Recommendation from Consensus meeting in GU tumours (+ <i>Business Meeting</i>)	SY H&N & MOPA <i>Joint</i> Molecular pathology in head and neck: rapidly catching up	SC Euro-CNS & EACVP & EM <i>Joint</i> Diagnostic challenges in drug-induced neuromuscular and cardiac pathology: multidisciplinary approach
	12:00 – 13:15					12:00 – 13:30 ESP General Assembly
	13:15 – 13:45	Lunch	Best Poster Sessions (at E-Poster Terminals)			
	14:00 – 16:00		SC DIGE (GI) Immune disorders in the GI tract	SS URO Premalignant lesions and putative precursor of GU tumours	SC THYM An update on thymic epithelial tumours	SPEC ESP & National Societies <i>Joint</i> Is digital pathology going to save us?
	16:00 – 16:30		Best Poster Sessions (at E-Poster Terminals)			
	16:30 – 17:15		Juan Rosai Lecture by Abbas Agaimy Phenotype versus Genotype: What matters most? (in Cavaniglia)			
	17:15 – 18:00		Closing Ceremony (in Cavaniglia)			

► Wednesday, 11 September 2024

Spadolini 5	Spadolini 6	Spadolini 7	Volta	Scherma	
SPEC ESP & Highlights of ASCO	SY CYTO & PULM <i>Joint</i> Lung pathology meets cytology – updates on the state of the art	SY TR Colours, frames and pixels: what stories has Pathol- ogy to narrate?	SY INFE A holistic per- spective of the infectious disease risk for the prac- ticing pathologist	SY DEVEL & OPHTH <i>Joint</i> An eye out for developing countries	08:30 – 12:00
					12:00 – 13:15
Best Poster Sessions (at E-Poster Terminals)					13:15 – 13:45
VM PULM & DEVEL <i>Joint</i> Diagnosing lung pathology on conventional his- tology and cyto- logical smears – how far can you get, and where are the limits?	SS CYTO Salivary gland neoplasms: a practical approach in the framework of the Milan System including ancillary testing	General Assembly of the Trainee Subcommittee	SY INFE & AUTO & HIST <i>Joint</i> When should we determine the causative infec- tious agent in autopsies – a med- ical, legal and his- torical perspective	SS OPHTH The orbital biopsy: can you make the diag- nosis?	14:00 – 16:00
Best Poster Sessions (at E-Poster Terminals)					16:00 – 16:30
Juan Rosai Lecture by Abbas Agaimy Phenotype versus Genotype: What matters most? (in Cavaniglia)					16:30 – 17:15
Closing Ceremony (in Cavaniglia)					17:15 – 18:00



European
Society of
Pathology

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Poster Exhibition

Sunday, 8 Sept – Wednesday, 11 Sept
at Spadolini Pavilion (Upper Floor)

► Scientific Programme

- Best Poster Sessions
- Keynote Lectures
- Long Courses
- Oral Free Paper Sessions
- Short Courses
- Special Sessions
- Slide Seminars
- Symposia
- Trainees' Sessions
- Videomicroscopy

► Saturday, 7 September 2024

OC-01	Special Session
19:00–20:00	Cavaniglia
Opening Ceremony	
Chairs: <i>Peter Schirmacher, Germany</i> <i>Gabriella Nesi, Italy</i>	

OC-02	Special Session
20:00–22:00	Spadolini Exhibition
Welcome Reception	

► Sunday, 8 September 2024

SY-01	Symposium
08:30–12:00	Cavaniglia
Digestive Diseases Pathology – Liver/Pancreas	
Steatotic liver disease	
Chairs: <i>Valérie Paradis, France</i> <i>Tim Kendall, United Kingdom</i>	

001 08:30–09:00
Introducing the new nomenclature of fatty liver disease
Dina Tiniakos, Greece/UK

002 09:00–09:30
Steatotic liver disease: Histological classifications and clinical outcome
Karoline Lackner, Austria

003 10:30–11:00
Fibrosis and NAFLD
Massimo Pinzani, United Kingdom

004 11:00–11:30
Molecular profiling of steatotic liver disease: paving the way for precision medicine approaches?
Beate Straub, Germany

005 11:30–12:00
Development of malignancy in steatotic liver disease
Christine Sempoux, Switzerland

SpS-01	Special Session
08:30–12:00	Spadolini 3
Urothelium	
How to approach GU tumours: a gaming experience	
Chairs: <i>Guido Martignoni, Italy</i> <i>Piergiuseppe Colombo, Italy</i>	

001 08:30–09:00
Renal cell tumours: hunt for diagnostic features
Anna Calì, Italy

002 09:00–09:30
Bladder tumours: hunt for diagnostic features
Francesco Pierconti, Italy

003 10:30–11:00
Prostate tumours: hunt for diagnostic features
Giuseppe Nicolò Fanelli, Italy

004 11:00–11:30
Testicular and penis tumours: hunt for diagnostic features
Biagio Paolini, Italy

005 11:30–12:00
Discussion/Q&A
Guido Martignoni, Italy

SY-02	Symposium
08:30–12:00	Spadolini 4
Endocrine Pathology	
The standardisation of the histopathological diagnosis of digestive NENs – the pathologist’s answer to the clinician’s needs (+ Business Meeting)	
Chairs: <i>Silvia Uccella, Italy</i> <i>Ozgur Mete, Canada</i>	

001 08:30–08:50
Standardized pathological report in NENs as the common language between pathologists and clinicians
Guido Rindi, Italy

002 08:50–09:10
Neuroendocrine tumours (NETs): what the oncologist needs to know from the pathologist
Marianne Pavel, Germany

003 09:10–09:30

Pancreatic and intestinal NETs: the pathologist's answer

Anne Couvelard, France**004** 10:30–10:50

Gastric and appendicular NETs: the pathologist's answer

Stefano La Rosa, Italy**005** 10:50–11:10

Neuroendocrine carcinoma (NEC): what the oncologist needs to know from the pathologist

Halfdan Sorbye, Norway**006** 11:10–11:30

NEC: the pathologist's answer

Aurel Perren, Switzerland**007** 11:30–12:00

Business Meeting Endocrine Pathology Working Group

Silvia Uccella, Italy**Matthias Dettmer, Germany****LC-01****Long Course****08:30–12:00****Spadolini 5**

Dermatopathology

Ophthalmic Pathology

Tumours of the eyelid

Chairs: **Bostjan Luzar, Slovenia****Fiona Roberts, United Kingdom****001** 08:30–08:50

Congenital choristomas in the ocular adnexa

Robert M. Verdijk, The Netherlands**002** 08:50–09:20

Malignant sweat gland tumours

Eduardo Calonje, United Kingdom**003** 10:30–10:52

Ocular surface squamous neoplasia

Maria Antonietta Blasi, Italy**004** 10:52–11:15

Merkel cell carcinoma

Thibault Kervarrec, France**005** 11:15–11:37

Conjunctival melanocytic lesions

Steffen Heegaard, Denmark**006** 11:37–12:00

Mesenchymal tumours and tumour-like conditions

Jože Pižem, Slovenia**SY-03****Symposium****08:30–12:00****Spadolini 6**

Nephropathology

Podocytopathies: an updateChairs: **Helmut Hopfer, Switzerland****Anne Räisänen-Sokolowski, Finland****001** 08:30–09:00

Podocyte biology – what's new?

Christoph Schell, Germany**002** 09:00–09:30

Podocyte fate

Paola Romagnani, Italy**003** 10:30–10:52

Diagnosing podocytopathies – concepts and classification

Barry Stokes, USA**004** 10:52–11:15

Predictive features in podocytopathies – what to report?

Jeffrey B. Hodgin, USA**005** 11:15–11:37

Approach to podocytopathies in children

Francesca Diomedi Camassei, Italy**006** 11:37–12:00

Adaptive podocyte changes in adults

Kerstin Amann, Germany**SPEC-01****Special Session****08:30–12:00****Spadolini 7****Joint Special Session ESP & IARC & ICCR: Tumour classification and structured reporting – what is coming next and what matters?**Chairs: **Dilani Samarawickrema Lokuhetty, France****Kieran Sheahan, Ireland****Peter Schirmacher, Germany****001** 08:30–08:50

Why and how and Do's and Don'ts. The diagnostic pathologists' view on classification and structured reporting implementation

Aurel Perren, Switzerland

002 08:50–09:10
Codification and secondary uses of cancer pathology data: a pathologist’s perspective
John Srigley, Canada

003 09:10–09:30
Structured reporting. Why do we need it and how is it implemented?
James Kench, Australia

004 10:30–10:55
National experience with implementation of structured reporting – The Netherland’s perspective
Iris Nagtegaal, The Netherlands

005 10:55–11:20
The strategy for the upcoming 6th edition of the WHO tumour classification and the challenges faced
Dilani Samarawickrema Lokuhetty, France

006 11:20–12:00
Upcoming issues/challenges (Moderated podium discussion with speakers and chairs)
Dilani Samarawickrema Lokuhetty, France

OFP-01	Oral Free Paper Session
08:30–12:00	Volta
Breast Pathology	
<i>Chairs: Cecily Quinn, Ireland</i>	
<i>James Degaetano, Malta</i>	

001 08:30–08:40
How can the varied tumour FFPE blocks with HER2 ultra-low influenced on the accurate diagnosis of HER2 in breast cancer
Yueping Liu, China
J. Li, H. Liu, Y. Ding, S. Wu, J. Shang

002 08:40–08:50
Multi-site European study of a HER2 AI solution as clinical decision-support tool in breast cancer
Elena Provenzano, United Kingdom
M. Jimenez-Linan, W. Cope, P. Schouten, A. Vincent-Salomon, A. Gunavardhan, S. Declercq, J. Thomassin, M. Brevet, M. Grinwald, D. Mevorach, R. Ziv, G. Mallel, J. Sandbank, M. Vecsler

003 08:50–09:00
Image analysis-based hormone receptor expression of cancer associated fibroblasts is prognostic in breast cancer: a pilot study
Ceren Boyaci, Sweden
J. Hartman, B. Acs

004 09:00–09:10
The added value of an artificial intelligence (AI) solution in the identification of microinvasive and T1a carcinomas of the breast
Rita Canas-Marques, Portugal
C. Karakas, S. Etöz, S. Goodman, R. Graça-Lopes, J. Sandbank, M. Vecsler, S. Schnitt

005 09:10–09:20
Cross-platform analysis of MMR deficiency in breast cancer reveals the need for tumour-specific recommendations and guidelines
Mariia Ivanova, Italy
C. Frascarelli, K. Venetis, G. Cursano, E. Mane, E. Sajjadi, M. Noale, S. Maggi, M. Lombardi, M. Fassin, C. Scatena, E. Guerini-Rocco, N. Fusco

006 09:20–09:30
Can artificial intelligence models be color blind: an example in grading breast cancer
Leslie Dalton, USA

007 10:30–10:40
Can complete shaved margin assessment identify a subset of DCIS that can be safely treated by breast conservative surgery alone?
Shu Ichihara, Japan
T. Kawasaki, S. Moritani, T. Nakai, M. Ohmori

008 10:40–10:50
Interassay comparison of four clinically approved HER2 immunohistochemistry assays in primary breast cancer and their metastasis
Maaïke-Anna Hempenius, The Netherlands
M. Zwager, M. den Bakker, M. Coster-Heerema, E. de Vries, C. Schröder, N. 't Hart, B. van der Vegt

009 10:50–11:00

Detection of human papillomavirus DNA in basal-like subtype of invasive breast carcinoma: possible pathogenetic role of the virus

Giordana Tinnirello, Italy

J. Farina, S. Salzano, F. D'Aquila, M. Mazzucchelli, G. La Cava, G. Angelico, A. Santoro, A. Mulè, G. Pannone

010 11:00–11:10

Is knowledge of HER3 as a prospective therapeutic biomarker necessary for pathologists?

Leyi Gao, China

Y. Zhang, M. Feng, M. Shen, L. Yang, B. Wei, Z. Zhang

011 11:10–11:20

Estrogen-negative invasive lobular carcinoma of the breast: a multicentric clinical-pathological study

Stefano Marletta, Italy

M. Dello Spedale Venti, V. Idda, P. Vigneri, G. Di Grazia, A. Cremonini, L. Amedei, A. Rizzo, R. Miglio, A. Tafà, A. Baldissera, E. D'Angelo, M. Cucchi, A. Maestri, M. Foschini

012 11:20–11:30

Subareolar sclerosing ductal hyperplasia shows PI3K pathway alterations

Baris Boyraz, USA

B. Robinson, N. Lindeman, S. Hoda, J. Solomon

013 11:30–11:40

The effect of fixation time on HER2-low status in breast carcinoma

Sharon Nofech-Mozes, Canada

F. Lu, E. Slodkowska, A. Plotkin, E. Olkhov-Mitsel

014 11:40–11:50

Comparing HercepTest (GE001) and Ventana HER-2/neu (4B5) in the lower spectrum of HER2 expression

Hans-Ulrich Schildhaus, Germany

M. Sierra, C. Koppel, A. Tereshchenko, D. Ielievlieva, J. Berg, G. Bänfer, G. Nouns

015 11:50–12:00

Tumour stroma characterization for the clinical stratification of HR+/HER2- breast cancer

Cristian Scatena, Italy

G. Fanelli, E. Belcastro, F. Di Cocco, A. Fontana, A. Szumera-Ciećkiewicz, M. Loda, A. Naccarato

OFP-02 Joint Oral Free Paper Session

08:30–12:00

Scherma

Gynaecological Pathology

Cytopathology

Chairs: Joost Bart, The Netherlands

Lukas Bubendorf, Switzerland

001 08:30–08:40

Next generation of interventional pathologists, ultrasound-guided fine needle aspiration/core needle biopsy and rapid on-site evaluation, resident training

Hector Enrique Torres Rivas, Spain

L. Fernández Fernández, M. Berrios Hernández, M. González Gutiérrez, N. Zapico Ortiz, J. Riera Velasco, J. Pérez Fontán, M. Del Olmo Fernández, K. Villar Zarra

002 08:40–08:50

An institutional experience: comparing risk of malignancy and diagnostic rates with a newly published reporting system for lung cytopathology

Xin Jing, USA

X. Jin, M. Lew, B. Smola, T. Huang

003 08:50–09:00

Relevance of cytopathologist-performed palpation-guided fine needle aspiration in the age of image-guided biopsy

Bárbara Sepodes, Portugal

V. Almeida, J. Maldonado, J. Pimentel, G. Fernandes

004 09:00–09:10

Intra and interobserver reproducibility in histopathologic diagnosis of follicular neoplasms: how does it affect the rate of malignancy in the “follicular neoplasm” category of the thyroid fine needle aspiration cytology?

Asli Noyan, Turkey

O. Kurtulan, S. Onder, C. Sokmensuer, Y. Guler, H. Avci

005 09:10–09:20

Prognostic value of tertiary lymphoid structures in endometrial carcinoma

Manohar Pradhan, Norway

W. Kildal, L. Vlatkovic, K. Lindemann, K. Risan Tobin, G. Kristensen, A. Kleppe, H. A. Askautrud

006 09:20–09:30

Immunomorphological evaluation of neuroectodermal tissue in immature and mature ovarian teratomas: significance of morphology and role of SOX2 expression

Agnese Orsatti, Italy

C. Ricci, S. Tenti, G. Tallini, A. Acosta, A. De Leo

007 10:30–10:40

Histotype and grade are of prognostic significance only in the No Specific Molecular Profile (NSMP) molecular subtype of endometrial carcinoma

Blake Gilks, Canada

J. Huvila, A. Jamieson, J. McAlpine

008 10:40–10:50

Uterine leiomyomas during pregnancy: morphologic, immunohistochemical characteristics, and pitfalls in correlation with outcome

Jelena Mirkovic, Canada

E. Olkhov-Mitsel, C. Parra-Herran

009 10:50–11:00

Reproducibility of eosinophilic cells in ovarian serous borderline tumour with BRAFV600E mutation

Aleksandra Asaturova, Russia

A. Badlaeva, A. Tregubova, A. Rogozhina, D. Bulanov, N. Lysova

010 11:00–11:10

Integrated molecular and clinico-pathological study of tubo-ovarian high grade serous carcinoma: HRD status and histological features

Riccardo Ciudino, Italy

T. Maloberti, S. Coluccelli, D. de Biase, G. Tallini, A. De Leo

011 11:10–11:20

Clinical behaviour and gene expression in borderline and malignant brenner tumours

Barrett Lawson, USA

M. Luiz Marques-Pibelli, J. Zhang, A. Malpica

012 11:20–11:30

Post-radiotherapy endometrial changes should be differentiated from serous endometrial intraepithelial carcinoma

Damiano Arciuolo, Italy

A. Travaglino, G. Scaglione, N. D'Alessandris, A. Santoro, B. Padial Urtueta, G. Zannoni

013 11:30–11:40

Cytology-based HRD testing and BRCA mutational profiling in a set of ovarian cancer patients

Pablo Santiago Díaz, Spain

L. Serrano Munné, G. Vargas Parra, I. Vázquez de las Heras, N. Juanpere Rodero, B. Romero Madrid, R. Rueda Miret, A. Quiñonero Inserte, B. Bellosillo Paricio, B. Lloveras Rubio

014 11:40–11:50

Characterization of recurrent gene amplifications in copy number-high endometrial cancers

Audrey Roy, USA

C. Dagher, N. Abu-Rustum, C. Aghajanian, J. Mueller, B. Weigelt, M. Chui, A. Momeni Boroujeni

015 11:50–12:00

Evaluating the performance of E2F1 and CCNA2 RNA expression, POLE and PPP2R1A/FBXW7 mutation status (ECPFF classifier) in risk stratification of stage I and II endometrioid endometrial carcinoma (EEC) and serous endometrial carcinoma (SEC)

Maryam Shahi, USA

N. Kanwar, S. Yadav, J. Gonzalez Bosquet, K. Halling, K. Podratz

**KNL-01 Keynote Lecture****12:15–13:00 Cavaniglia***Chairs: Xavier Matias-Guiu, Spain**Filippo Fraggetta, Italy***Integrated Diagnostics and
Modern Pathology****Manuel Salto-Tellez, United
Kingdom****SC-01 Short Course****14:45–16:45 Cavaniglia**

Digestive Diseases Pathology – GI

**Current concepts in inflammatory bowel
disease (IBD)***Chairs: Arzu Ensari, Turkey**Maurice Loughrey, United Kingdom***001 14:45–15:09**Can artificial intelligence show us the way
in IBD pathology?*Aart Mookhoek, Switzerland***002 15:09–15:33**

Drugs and other iatrogenic mimics of IBD

*Roger Feakins, United Kingdom***003 15:33–15:57**

Non-iatrogenic mimics of IBD

*Neil Shepherd, United Kingdom***004 15:57–16:21**The role of pathology in assessing IBD
activity*Gert De Hertogh, Belgium***005 16:21–16:45**

Malignancy in IBD

*Ann Driessen, Belgium***SS-01 Slide Seminar****14:45–16:45 Spadolini 3**

Breast Pathology

Challenging cases in breast pathology*Chairs: Cristian Scatena, Italy**Grace Callagy, Ireland***001 14:45–15:02**

Case 1

*Cristian Scatena, Italy***002 15:02–15:19**

Case 2

*Edi Brogie, USA***003 15:19–15:36**

Case 3

*Gábor Cserni, Hungary***004 15:36–15:55**

Case 4

*Borbala Dénes, Hungary***005 15:55–16:12**

Case 5

*Paul Van Diest, The Netherlands***006 16:12–16:29**

Case 6

*Tatjana Vlajnic, Switzerland***007 16:29–16:45**

Case 7

*Abbas Agaimy, Germany***SC-02 Short Course****14:45–16:45 Spadolini 4**

Endocrine Pathology

Cytopathology

**Follicular and oncocytic thyroid nodules
– the bane of the cytopathologist and the
histopathologist***Chairs: Silvia Uccella, Italy**Matthias Dettmer, Germany***001 14:45–15:07**The spectrum of oncocytic lesions in
thyroid pathology and their clinicopathologi-
cal relevance*Sylvia Asa, USA***002 15:07–15:29**Oncocytic thyroid neoplasms: pathogenic
aspects and molecular mechanisms*Giovanni Tallini, Italy***003 15:29–15:51**Follicular patterned lesions in thyroid
nodules: histology*Aleš Ryška, Czech Republic***004 15:51–16:13**Follicular patterned lesions in thyroid
nodules: cytology*Claudio Bellevisine, Italy***005 16:13–16:29**

Case 1

Marina Nikiforova, USA

006 16:29–16:45
Case 2
Sule Canberk, Portugal

VM-01 Videomicroscopy
14:45–16:45 **Spadolini 5**
Dermatopathology
Rare lesions in the skin
Chairs: Bostjan Luzar, Slovenia
Vasileia Damaskou, Greece

001 14:45–15:45
Rare mesenchymal lesions in the skin
Albert Suurmeijer, The Netherlands

002 15:45–16:45
Rare non-neoplastic lesions
José Carlos Cardoso, Portugal

SC-03 Short Course
14:45–16:45 **Spadolini 6**
Nephropathology
What's behind membranoproliferative glomerulonephritis? (+ Business Meeting)
Chairs: Agnieszka Perkowska-Ptasinska, Poland
Sabine Leh, Norway

001 14:45–15:10
MPGN – Defining the pattern
Sandrine Florquin, The Netherlands

002 15:10–15:35
Immune complex and complement-mediated MPGN
Fadi Fakhouri, Switzerland

003 15:35–16:00
MPGN as a manifestation of monoclonal gammopathy
Fabio Pagni, Italy

004 16:00–16:25
MPGN pattern of injury without deposits
Jan Hinrich Bräsen, Germany

005 16:25–16:45
Business Meeting
Helmut Hopfer, Switzerland

SPEC-02 Special Session
14:45–16:45 **Spadolini 7**
Joint Special Session ESP & APSS: Brutti ma buoni – benign mimics of malignancy
Chairs: Xavier Matias-Guiu, Spain
Jason Hornick, USA

001 14:45–15:05
Head and neck
Edward B. Stelow, USA

002 15:05–15:25
Gynaecological Pathology
Sabrina Croce, France

003 15:25–15:45
Digestive diseases
Rhonda Yantiss, USA

004 15:45–16:05
Dermatopathology
Daniela Massi, Italy

005 16:05–16:25
Lung
Kirk D Jones, USA

006 16:25–16:45
Breast
Aleš Ryška, Czech Republic

SC-04 Short Course
14:45–16:45 **Volta**
Autopsy Pathology
Perinatal death and sudden intrauterine death
Chairs: Emilian Olteanu, Romania
Raffaella Morotti, USA

001 14:45–15:09
Perinatal deaths: clinical and forensic aspects
Marta Cohen, United Kingdom

002 15:09–15:32
Sudden intrauterine death
Marny Fedrigo, Italy

003 15:32–15:56
Post-mortem radiology in foetal and neonatal death
Carmen Severens-Rijvers, The Netherlands

004 15:56–16:20
Postmortem genetic testing in stillbirths: is there a room?
Kalliopi Pilichou, Italy

005 16:20–16:45

Placental dysfunction and intrauterine foetal demise

Eleonora Nardi, Italy**OFP-03 Joint Oral Free Paper Session****14:45–16:45****Scherna****Molecular Pathology****Haematopathology***Chairs: Lorenzo Leoncini, Italy**Jutta Huvila, Finland***001** 14:45–14:55

The prognostic significance of immune infiltrating cells according to Epstein-Barr virus infection status in classical Hodgkin lymphoma

Imen Zawati, Tunisia*O. Adouni, M. Manai, N. Sadfi, M. Driss, M. Manai***002** 14:55–15:05

Histologic, molecular and clinical characteristics of malignant histiocytosis and outcome: retrospective series of 137 patients

Jean-Francois Emile, France*C. Bigenwald, D. Roos-Weil, A. Pages, Z. Hélias-Rdzewicz, C. Copie-Bergman, M. Nashvi, M. Parrens, A. Traverse-Glehen, F. Charlotte, S. Heritier, J. Haroche, J. Donadieu, A. Idbaih***003** 15:05–15:15

Gene expression profiling coupled with artificial intelligence : towards a pan-lymphoma classifier

Pierre-Alain Thiebaut, France*V. Marchand, F. Drieux, S. Dubois, J. Sabourin, L. Veresezan, P. Ruminy, F. Jardin***004** 15:15–15:25

Precision in classification: impact of WHO and ICC 2022 criteria on myeloid neoplasms

Elif Kardelen Çağdas, Turkey*D. Koyun, S. Toprak, M. Özcan, I. Kuzu***005** 15:25–15:35

In silico analysis of Warburg effect gene alterations and impact on DLBCL outcome

Elif Ozsagır, Turkey*N. Ozsan, M. Hekimgil, D. Demir***006** 15:35–15:45

The FOXP3/CD68 ratio + CD20 serve as a potential tool for the clinical outcomes of patients with classical Hodgkin lymphoma

Imen Zawati, Tunisia*O. Adouni, M. Manai, N. Sadfi, M. Driss, M. Manai***007** 15:45–15:55

Tumour, liquid biopsy, and constitutional microsatellite instability testing using a rapid, low cost, and scalable multiplex PCR and sequencing assay

Richard Gallon, United Kingdom*R. Phelps, C. Hayes, R. Hall, P. Herrero-Belmonte, G. Borthwick, R. Heer, C. McAnulty, M. Santibanez-Koref, M. Jackson, J. Burn***008** 15:55–16:05

Geographic disparities and emerging mutation hotspots in ELOC-mutated renal cell carcinomas: a substantial expansion from previous descriptions

Thomas Cattiaux, France*S. Moody, A. Fukagawa, S. Senkin, T. Shibata, L. Alexandrov, M. Stratton, P. Brennan, B. Abedi-Ardekani***009** 16:05–16:15

Comprehensive genomic profiling of intrahepatic and extrahepatic cholangiocarcinoma

Paola Vignali, Italy*R. Bruno, A. Poma, F. Signorini, C. Vivaldi, V. Genovesi, F. Salani, F. Lorenzo, C. Cremolini, C. Ugolini***010** 16:15–16:25

Enrichment pathways associated with molecular subtypes of ovarian cancer

Aleksandra Asaturova, Russia*A. Kobelyatskaya, A. Tregubova, A. Rogozhina, A. Badlaeva***011** 16:25–16:35

Comprehensive genomic profiling in RAS/ BRAF wild type colorectal cancers

Giulia Martinelli, Italy*R. Bruno, M. Germani, F. Signorini, A. Poma, C. Cremolini, C. Ugolini*

012 16:35–16:45
If you snooze you lose: early assessment of BRCA mutation in metastatic prostate cancer improves number of patients suitable for PARP inhibitors target therapy
Mariavittoria Vescovo, Italy
L. Nibid, G. Perrone, D. Righi, G. Sabarese

BPS-01 **Best Poster Session**
16:45–17:15 **E-Poster Terminal 1**
Spadolini Upper Floor
Breast Pathology
Chair: Cornelia Focke, Germany

BPS-02 **Joint Best Poster Session**
16:45–17:15 **E-Poster Terminal 2**
Spadolini Upper Floor
Dermatopathology
Cytopathology
Chair: Jože Pižem, Slovenia

BPS-03 **Best Poster Session**
16:45–17:15 **E-Poster Terminal 3**
Spadolini Upper Floor
Digestive Diseases Pathology – Liver/ Pancreas
Chair: Claudio Luchini, Italy

BPS-04 **Best Poster Session**
16:45–17:15 **E-Poster Terminal 4**
Spadolini Upper Floor
Endocrine Pathology
Chair: Josè Manuel Cameselle-Teijeiro, Spain

SC-05 **Short Course**
17:15–19:15 **Cavaniglia**
Digestive Diseases Pathology – Liver/ Pancreas
Non-epithelial tumours of the liver
Chairs: Christine Sempoux, Switzerland
Prodromos Hytioglou, Greece

001 17:15–17:39
Differential diagnosis of non-epithelial tumours of the liver – how I do it
Valérie Paradis, France

002 17:39–18:03
Vascular tumours
Thomas Albrecht, Germany

003 18:03–18:27
Haematological neoplasms
Alberto Zamò, Germany

004 18:27–18:51
Mesenchymal neoplasms
Jason Hornick, USA

005 18:51–19:15
Non-neoplastic tumourous lesions (in collaboration with HPHS)
Venancio Alves, Brazil

SY-04 **Symposium**
17:15–19:15 **Spadolini 3**
Breast Pathology
Head and Neck Pathology
Similarities and differences in breast and salivary gland tumours: morphological and molecular aspects
Chairs: Stephan Ihrler, Germany
Isabella Castellano, Italy

001 17:15–17:50
Functional anatomy and biphasic/spindle cell tumours
Maria Pia Foschini, Italy

002 17:50–18:15
Ductal/glandular tumours
Alena Skálová, Czech Republic

003 18:15–18:35
Pitfalls, metastases what comes first, dignity or entity?
Niels Rupp, Switzerland

004 18:35–18:55
Overall diagnostic approach, terminology, molecular pathology and therapy (mammary glands)
Simone Münst, Switzerland

005 18:55–19:15
Overall diagnostic approach, terminology, molecular pathology and therapy (salivary glands)
Daniel Baumhoer, Switzerland

SS-02	Slide Seminar
17:15–19:15	Spadolini 4
Endocrine Pathology	
Molecular analyses in endocrine pathology: a case-based approach	
Chairs: Marco Volante, Italy	
Catarina Eloy, Portugal	

001 17:15–17:35

Case 1

Sofia Asioli, Italy

002 17:35–17:55

Case 2

Yuri Nikiforov, USA

003 17:55–18:15

Case 3

Katrin Baltz-Ghahremanpour, Germany

004 18:15–18:35

Case 4

Ozgur Mete, Canada

005 18:35–18:55

Case 5

Sylvie Lantuejoul, France

006 18:55–19:15

Case 6

Hironobu Sasano, Japan

SC-06	Short Course
17:15–19:15	Spadolini 5
Dermatopathology	
Keratoacanthoma and keratoacanthoma-like proliferations of the skin	
Chairs: Bostjan Luzar, Slovenia	
Vasileia Damaskou, Greece	

001 17:15–17:55

Clinical features of keratoacanthoma

Konstantinos Liopyris, Greece

002 17:55–18:35

Keratoacanthoma versus squamous cell carcinoma

Daniela Massi, Italy

003 18:35–19:15

Benign keratoacanthoma-like lesions

Vasiliki Siozopoulou, Belgium

SS-03	Slide Seminar
17:15–19:15	Spadolini 6
Nephropathology	
Electron Microscopy	
Kidney Transplant Pathology	
Chairs: Dejan Dobi, Hungary	
Danica Galesic Ljubanovic, Croatia	

001 17:15–17:39

Case 1

Verena Bröcker, Sweden

002 17:39–18:03

Case 2

Joris Roelofs, The Netherlands

003 18:03–18:27

Case 3

Thorsten Wiech, Germany

004 18:27–18:51

Case 4

Catherine Horsfield, United Kingdom

005 18:51–19:15

Case 5

Amelie Dendooven, Belgium

SPEC-03	Special Session
17:15–19:15	Spadolini 7
Emerging complexity of paediatric neoplasms: an update with focus on the recent WHO	
Chairs: Abbas Agaimy, Germany	
Leticia Quintanilla-Fend, Germany	

001 17:15–17:35

The emerging genetic landscape of paediatric rhabdomyosarcomas

Maureen O'Sullivan, Ireland

002 17:35–17:55

Challenges in the diagnosis of paediatric lymphomas

Leticia Quintanilla-Fend, Germany

003 17:55–18:15

Melanocytic lesions in the paediatric population

Claudia Salgado, USA

004 18:15–18:35

Emerging fibroblastic/myofibroblastic tumours in children

Rita Alaggio, Italy

005 18:35–18:55
Approach to classification of vascular tumours and malformations in children
Isabel Colmenero, Spain

006 18:55–19:15
Discussion/Q&A
Abbas Agaimy, Germany

SC-07 Short Course
17:15–19:15 Volta
Autopsy Pathology
The application of novel tools in the autopsy setting
*Chairs: Annalisa Angelini, Italy
Cristina Basso, Italy*

001 17:15–17:39
Tools for the diagnosis and understanding of neurological disorders
Aivi Nguyen, USA

002 17:39–18:03
Advanced identification of pathogenic markers – the ischaemic and diabetic heart
*Kristine Boisen Olsen, Denmark
Pernille Heimdal Holm, Denmark*

004 18:03–18:27
Molecular autopsy in sudden death
Pilar Molina Aguilar, Spain

005 18:27–18:51
Postmortem imaging
Christina Jacobsen, Denmark

006 18:51–19:15
Synchrotron imaging: a new tool in pathology?
Danny Jonigk, Germany

OFP-04 Joint Oral Free Paper Session
17:15–19:15 Scherma
**Neuropathology
Ophthalmic Pathology
Paediatric and Perinatal Pathology**
*Chairs: Zane Jaunmuktane, United Kingdom
Carme Dinarès i Fernández, Spain
Miguel Reyes-Múgica, USA*

001 17:15–17:25
Infant-type hemispheric glioma: a wide morphological and immunohistochemical spectrum of the disease
*Maria Senchenko, Russia
L. Papusha, A. Drui, D. Konovalov*

002 17:25–17:35
Clinicopathologic features of paediatric meningiomas that predict recurrence and mortality: a meta-analysis
*Katharina Heß, Germany
B. Brokinkel, L. Hennig, S. Freitag-Wolf, M. Kalab, C. Röcken, O. Jansen, R. Goldbrunner*

003 17:35–17:45
Immunohistochemical expression of PAX8 in intracranial hemangioblastomas: a potential diagnostic pitfall
*Jessica Farina, Italy
G. Tinnirello, S. Salzano, G. Barbagallo, V. Barresi, G. Magro, R. Caltabiano, G. Broggi*

004 17:45–17:55
The possible role of Wnt/β-catenin pathway in central neurocytoma
*Kutsal Dogan, Turkey
G. Alkan*

005 17:55–18:05
MITF discriminates two different populations of tumoural cells with potential therapeutic implications in uveal melanoma
*Piotr Donizy, Poland
J. Pilch, M. Krzyzinski, A. Markiewicz, P. Biecek, B. Romanowska-Dixon, M. Hoang*

006 18:05–18:15

Immunohistochemical expression of PRAME correlates with higher metastatic risk and poor prognosis in uveal melanoma: a clinico-pathologic series of 85 cases

Maria Failla, Italy

G. Broggi, A. Russo, G. Magro, S. Staibano, R. Caltabiano

007 18:15–18:25

Orbital lesions: a 17-year perspective from a tertiary care centre

Gözde Güngör Sahin, Turkey

E. Karatay, B. Bilgic, G. Unverengil, G. Yegen, S. Tuncer, S. Ozturk Sari

008 18:25–18:35

Tumour heterogeneity in uveal melanoma: observation of 5 cases

Claudio Cacchi, Germany

M. Lammert, D. Jonigk

009 18:35–18:45

Histopathologic features of biliary atresia and outcome predictors of Kasai portoenterostomy: a 10-year retrospective study of a Philippine cohort

Pauline Mae Dy, Philippines

R. Santos, E. Yturralde

010 18:45–18:55

Comparison of macroscopic evaluation of placental lesions by image analyser software versus human eye: a retrospective study of 23 cases

Mariana De Brito Pereira, Portugal

R. Ilgenfritz, M. Vitorino, P. Borralho Nunes

011 18:55–19:05

Quality assurance review of products of conception cases for chronic histiocytic intervillitis: pre and post COVID-19

Orli Greenberg, Canada

W. Parks, K. Chu

012 19:05–19:15

Craniofacial ossifying fibromas in paediatric age group – a case series

Poonam Panjwani, India

P. Bansal, M. Ramadwar, N. Mittal, A. Janu, V. Patil, S. Qureshi

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Please visit the ESP Booth

Spadolini Ground Floor
at Fortezza da Basso

► Monday, 9 September 2024

SY-05	Symposium
08:30–12:00	Cavaniglia
Digestive Diseases Pathology – Liver/ Pancreas	
Tumour cell plasticity and evolution in pancreatic cancer	
Chairs: <i>Caroline Verbeke, Norway</i> <i>Anne Hoorens, Belgium</i>	

001 08:30–09:00
Acinar cell plasticity – is it relevant for the
human disease?
Jérôme Cros, France

002 09:00–09:30
Neuroendocrine differentiation in non-neu-
roendocrine neoplasms
Björn Konukiewitz, Germany

003 10:30–11:00
Pancreatic tumours with intestinal
differentiation
Irene Esposito, Germany

004 11:00–11:30
Gastric differentiation in pancreatic
tumours and their precursors
Paola Mattiolo, Italy

005 11:30–12:00
Squamous differentiation in the pancreas
*Eva Karamitopoulou-Diamantis, Switzer-
land*

SY-06	Symposium
08:30–12:00	Spadolini 2
Breast Pathology	
B3 lesions and Quality Assurance in breast pathology	
Chairs: <i>Simonetta Bianchi, Italy</i> <i>Peter Regitnig, Austria</i>	

001 08:30–08:55
U.K. breast pathology EQA scheme
Ian Ellis, United Kingdom

002 08:55–09:20
Quality indicators in breast centre
certification (EUSOMA, others), pathology
aspects
Peter Regitnig, Austria

003 09:20–09:30
Quality assurance in routine digital breast
pathology
Norman Zerbe, Germany

004 10:30–10:40
Introduction, B3 lesions, guidelines and
approaches in CNB and VAB
Zsuzsanna Varga, Switzerland

005 10:40–10:50
MIBB databank, monitoring results and
B-classification in vacuum assisted breast
biopsies in Switzerland
Constanze Elfgen, Switzerland

006 10:50–11:00
Advantages and limits in imaging of B3
lesions
Daniela Ambrogetti, Italy

007 11:00–11:20
B3 lesions (LN and FEA) diagnosed on VAB
in screen detected microcalcifications: the
Florence experience
Simonetta Bianchi, Italy

008 11:20–11:40
B3 lesions (ADH, RS) and the use of VAB:
the UK experience
Abeer Shaaban, United Kingdom

009 11:40–12:00
Rare B3 lesions of the breast, pathology and
clinical management
Zsuzsanna Bago-Horvath, Austria

SY-07	Symposium
08:30–12:00	Spadolini 3
Gynaecological Pathology	
Pathology in Favour of Developing Countries	
Molecular understanding of tropical diseases as a tool to improve diagnosis and treatment	
Chairs: <i>Ben Davidson, Norway</i> <i>Giulia De Falco, United Kingdom</i>	

001 08:30–09:00
Epidemiology of gynaecological diseases
Modupeola Samaila, Nigeria

002 09:00–09:30
Infectious diseases and maternal mortality
Carla Carrilho, Mozambique

003 10:30–11:00

Gynaecological tumours in sub-Saharan Africa

*Jaumeordi, Spain***004** 11:00–11:30

The state of the art of research

*Sam Kalungi, Uganda***005** 11:30–12:00

Discussion/Q&A

*Ben Davidson, Norway***SY-08****Symposium****08:30–12:00****Spadolini 4**

Haematopathology

How genetics contributes to the diagnosis of extranodal lymphomas*Chairs: Leticia Quintanilla-Fend, Germany
Lorenzo Leoncini, Italy***001** 08:30–09:00

Genetics of CNS, vitreoretinal lymphomas, testicular lymphomas

*Maurilio Ponzoni, Italy***002** 09:00–09:30

Genetics of other extranodal diffuse large B-cell lymphomas

*Alexandra Traverse-Glehen, France***003** 10:30–11:00

Genetics of extranodal marginal zone lymphomas

*Ming Du, United Kingdom***004** 11:00–11:30

Genetics of intestinal T-cell lymphomas

*Laurence De Leval, Switzerland***005** 11:30–12:00

Genetics of cutaneous B- and T-cell lymphomas

*John Goodlad, United Kingdom***SpS-02****Special Session****08:30–12:00****Spadolini 6****Endocrine neoplasms in hereditary syndromes: much more than just MEN***Chairs: Vania Nosé, USA**Rita Alaggio, Italy**Ozgur Mete, Canada***001** 08:30–08:50

New entities in the panorama of endocrine familial cancer syndromes

*Vania Nosé, USA***002** 08:50–09:10

Non-medullary familial thyroid carcinoma

*Ozgur Mete, Canada***003** 09:10–09:30

Adrenal neoplasms in familial cancer syndromes

*Ronald de Krijger, The Netherlands***004** 10:30–10:50

The pathologist in the management of endocrine familial cancer syndromes of children and adolescents

*Antonello Cardoni, Italy***005** 10:50–11:10

Endocrine familial cancer syndromes: interactions between genetists and pathologists

*Francesca Schiavi, Italy***006** 11:10–11:30

Endocrine familial cancer syndromes: the clinician's perspective

*Calogero Virgone, Italy***007** 11:30–12:00

Discussion/Q&A

*Vania Nosé, USA***SY-09****Symposium****08:30–12:00****Spadolini 7**

Soft Tissue and Bone Pathology

New (molecular) approaches to bone and soft tissue tumours (+ Business Meeting)*Chairs: Fernanda Amary, United Kingdom**Daniel Baumhoer, Switzerland***001** 08:30–08:50

DNA sequencing (from panels to WGS)

James Watkins, United Kingdom

002 08:50–09:10
RNA sequencing (from panels to whole transcriptome)
Florian Haller, Germany

003 09:10–09:30
Methylation and copy number profiling
Jürgen Hench, Switzerland

004 10:30–10:52
Digital pathology and image analysis
Adrienne Flanagan, United Kingdom

005 10:52–11:14
Drug testing
Chantal Pauli, Switzerland

006 11:14–11:36
The expanding catalog of actionable molecular alterations in sarcoma
Adrian Marino, USA

007 11:36–11:45
Discussion/Q&A
Fernanda Amary, United Kingdom

008 11:45–12:00
Business Meeting Soft Tissue Pathology Working Group
Fernanda Amary, United Kingdom

OFP-05 *Joint Oral Free Paper Session*
08:30–12:00 *Volta*
Pulmonary Pathology
Digital and Computational Pathology
Chairs: Spasenija Savic-Prince, Switzerland
Angelo Paolo Dei Tos, Italy

001 08:30–08:40
A semi-automated journey to evaluate tumour stroma ratio and its predictive value in colorectal cancer
Asya Tugçe Bol, Turkey
E. Öcal, B. Savaş, H. Akbulut, A. Ensari

002 08:40–08:50
Histopathological assessment of oesophageal adenocarcinoma precursor lesions with artificial intelligence
Michel Botros, The Netherlands
O. De Boer, B. Cardenas, E. Bekkers, M. Jansen, M. van der Wel, C. Sánchez, S. Meijer

003 08:50–09:00
A pathologists' ally – harnessing the potential of artificial intelligence in prostate cancer diagnosis: an analytical validation study
Fiona Maclean, Australia
C. Petrucco, M. Phang, A. de Souza, M. Peters, A. Kumar, C. Warren

004 09:00–09:10
Swarm learning-based deep learning approach to discriminating autoimmune hepatitis and primary biliary cholangitis with multicentric data
Oliver Lester Saldanha, Germany
A. Gerussi, K. Pfeiffer, G. Cazzaniga, B. Engel, L. Di Tommaso, L. Terracciano, A. Lleo, M. Mauro Viganó, C. Rigamonti, D. Daniela Cabibi, V. Vincenza Calvaruso, V. L'Imperio, M. Carbone, J. Kather

005 09:10–09:20
Enhancing histopathological research with privacy-preserving swarm learning and advanced image generation techniques
Jiefu Zhu, Germany
O. Saldanha, S. Schulz, P. Wienholt, S. Dar, S. Engelhardt, F. Laqua, B. Baessler, D. Truhn, S. Foersch, J. Kather

006 09:20–09:30
DinoBloom: a foundation model for generalizable cell embeddings in haematology
Sophia Wagner, Germany
V. Koch, M. Hehr, S. Kazeminia, J. Schnabel, T. Peng, C. Marr

007 10:30–10:40
Standardization of granulomas in diffuse lung diseases
Shintaro Sato, Japan
Y. Zaizen, J. Augustyniak, S. Berezowska, L. Brcic, A. Carneiro, A. Fabro, A. Hebisawa, I. Kern, R. Koyama, B. Larsen, A. Marchevsky, F. Schneider, S. Kunugi, J. Fukuoka

008 10:40–10:50
MTAP deficiency by immunohistochemistry as a new potentially predictive marker in non-small-cell lung cancer (NSCLC)
Magdalena Brune, Switzerland
L. Roma, O. Chijioka, T. Vlainic, I. Alborelli, N. Deigendesch, S. Savic, L. Bubendorf

009 10:50–11:00

Proteomic analysis of pulmonary fibrosis associated with lung cancer reveals dysregulation of the apoptotic pathway

Clovis Guillois, France

H. Cazier, E. Guenzi, A. Chassac, P. Mordant, G. Zalcman, A. Mailleux, B. Crestani, A. Cazes, G. Chevreux, N. Poté

010 11:00–11:10

Effect of neoadjuvant chemoimmunotherapy on PD-L1 expression in non-small cell lung cancer

Simona Stoykova, Switzerland

L. Chriqui, E. Abdelnour Berchtold, S. Peters, J. Perentes, S. Berezowska

011 11:10–11:20

CXCR4 expression in tissue samples and circulating tumour cells could play pivotal role as prognostic biomarker in neo-adjuvant treated non-small cell lung cancer

Marco Barella, Italy

G. Bertolini, G. Sabella, M. Gentili, B. Bodini, A. Mangogna, V. Lagano, A. Fabbri, D. Lorenzini, T. Beninato, R. Leporati, G. Lo Russo, G. Pruner, L. Roz, M. Milione

012 11:20–11:30

One-step nucleic acid amplification (OSNA) assay for nodal analysis in early-stage non-small cell lung cancer: preliminary results

Iosè Di Stefano, Italy

A. Proietti, G. Romano, C. Zirafa, F. Calabrò, S. Pelliccioni, C. Niccoli, F. Melfi, G. Ali

013 11:30–11:40

Comprehensive analysis of neurod1, ascl1, pou2f3 and yap1 expression signatures reveal unique lcnec subgroups with guidance for personalized treatment

Frank Heijboer, The Netherlands

J. Derks, D. Mustafa, N. Rijnsburger, B. Hermans, L. Hillen, E. Speel, A. Dingemans, J. von der Thusen

014 11:40–11:50

Percentage and size of residual viable tumour in lymph node, the performance in estimating pathologic response of lymph node in non-small cell lung cancer treated with neoadjuvant chemoimmunotherapy

Dongmei Lin, China

W. Sun

015 10:50–11:00

A comparative analysis of the ESP/QuIP “lung cancer related molecular markers” EQA scheme in non-small cell lung cancer (NSCLC) using different methodologies

Michaela Ihle, Germany

C. Lindner, K. Ilm, K. Jöhrens, U. Siebolts, S. Merkelbach-Bruse

SC-08	Short Course
08:30–12:00	Scherma
Autopsy Pathology	
Cardiovascular Pathology	
Cardiovascular inflammatory disease at autopsy	
Chairs: Heike Göbel , Germany	
Angela Pucci , Italy	
Carla Giordano , Italy	

001 08:30–08:50

Case 1

Stefania Rizzo, Italy

002 08:50–09:10

Case 2

Matthijs Van Oosterhout, The Netherlands

003 09:10–09:30

Case 3

Chiara Baldovini, Italy

004 10:30–11:00

Vasculitis

Allard Van Der Wal, The Netherlands

005 11:00–11:30

Endocarditis

Claire Toquet, France

006 11:30–12:00

Pericarditis

Stephen Preston, United Kingdom



KNL-02 **Keynote Lecture**
12:15–13:00 **Cavaniglia**
Chairs: Fátima Carneiro, Portugal
Angelo Paolo Dei Tos, Italy
Diagnosis and experimental biology of cancer of unknown primary
Anna Sapino, Italy

SC-09 **Short Course**
14:45–16:45 **Cavaniglia**
Digestive Diseases Pathology – GI
Intestinal neoplasms that challenge us
Chairs: Nicole Panarelli, USA
Roger Feakins, United Kingdom

- 001** 14:45–15:09
Challenging mesenchymal neoplasms of the intestines
Jason Hornick, USA
- 002** 15:09–15:33
Pitfalls in colorectal cancer pathology
Iris Nagtegaal, The Netherlands
- 003** 15:33–15:57
Difficult lymphoid proliferations in the intestine
Manuel Rodriguez-Justo, United Kingdom
- 004** 15:57–16:21
Small bowel adenocarcinoma: recent developments in pathology
Alessandro Vanoli, Italy
- 005** 16:21–16:45
Neuroendocrine neoplasms of the intestine: an update
Volkan Adsay, Turkey

SC-10 **Short Course**
14:45–16:45 **Spadolini 2**
Pulmonary Pathology
Treatment effects on the lung in immunocompetent and immunocompromised patients
Chairs: Federica Pezzuto, Italy
Lukas Bubendorf, Switzerland

- 001** 14:45–15:15
Neoadjuvant treatment
Sabina Berezowska, Switzerland
- 002** 15:15–15:45
Drug-induced ILD
Henry Tazelaar, USA
- 003** 15:45–16:15
Vaping/smoking/illicit drugs – the effect on the lung
Maxwell Smith, USA
- 004** 16:15–16:45
Lung pathology post-transplantation
Fiorella Calabrese, Italy

SC-11 **Short Course**
14:45–16:45 **Spadolini 3**
Gynaecological Pathology
Morphological challenges in gynaecological pathology
Chairs: Ana Felix, Portugal
Sigurd Lax, Austria

- 001** 14:45–15:15
Sentinel node diagnosis
Ben Davidson, Norway
- 002** 15:15–15:45
The clinical role of vascular invasion
Simona Stolnicu, Romania
- 003** 15:45–16:15
Measuring tumour size and depth of invasion in gynaecological malignancies; how to do it and when is it important
Glenn McCluggage, United Kingdom
- 004** 16:15–16:45
Grading, atypia and mitotic count of gynaecologic malignancy
Sabrina Croce, France

SC-12	Short Course
14:45–16:45	Spadolini 4
Haematopathology	
Application of ancillary techniques for diagnostic resolution of reactive and neoplastic bone marrow diseases	
Chairs: <i>Birgitta Sander, Sweden</i> <i>Falko Fend, Germany</i>	

001 14:45–15:15

Reactive changes in the trephine bone marrow biopsy: what are the causes and how do they mimick neoplastic diseases?

Roos Leguit, The Netherlands

002 15:15–15:45

Practical application of flow cytometry in bone marrow diagnostics

Leonie Saft, Sweden

003 15:45–16:15

Practical diagnostic approach to myeloid and precursor cell neoplasms on trephine bone marrow biopsies

Alexandar Tzankov, Switzerland

004 16:15–16:45

Molecular genetics tools for solving diagnostic puzzles in the bone marrow

Darius Juskevicius, Switzerland

SPEC-04	Special Session
14:45–16:45	Spadolini 6
Joint Special Session ESP & IAP: Pathologists changing the world	
Chairs: <i>Catarina Eloy, Portugal</i> <i>Ghazi Zaatar, Lebanon</i>	

001 14:45–15:15

Democratizing knowledge

Kamran Mirza, USA

002 15:15–15:45

Preventing cancer beyond frontiers

Ghazi Zaatar, Lebanon

003 15:45–16:15

The interventional pathologist: a woman with a needle

Karen Villar Zarra, Spain

004 16:15–16:45

Why is “quality assurance” a hard topic?

Andrzej Marszalek, Poland

SC-13	Short Course
14:45–16:45	Spadolini 7
Soft Tissue and Bone Pathology	
(Updates on) emerging new entities	
Chair: <i>Andrew Folpe, USA</i>	

001 14:45–14:57

FN1-rearranged calcified neoplasms (ddx to include THBS1::ADGFR2A)

Michael Michal, Czech Republic

002 14:57–15:09

Rhabdomyosarcoma – new subtypes

Carina Dehner, USA

003 15:09–15:21

Giant cell tumours of soft tissue

John Chrisinger, USA

004 15:21–15:45

KMT2A rearranged sarcoma and PRRX:N-COAX rearranged fibroblastic tumour

Andrew Folpe, USA

005 15:45–15:57

NUTM1 rearranged sarcoma

Francois Le Loarer, France

006 15:57–16:09

Inflammatory rhabdomyoblastic tumour (near haploid)

Akihiko Yoshida, Japan

007 16:09–16:33

Pseudoendocrine sarcoma (CTNNB1) and GLI1 rearranged nested glomoid neoplasm

David Papke, USA

OFP-06	Joint Oral Free Paper Session
14:45–16:45	Volta
Endocrine Pathology	
Head and Neck Pathology	
Chairs: <i>Esther O'Regan, Ireland</i> <i>Esther Diana Rossi, Italy</i>	

001 14:45–14:55

Clinicopathological and epigenetic differences between primary neuroendocrine tumours and neuroendocrine metastases in the ovary

Anna Vera Ditte Verschuur, The Netherlands

002 14:55–15:05

Prevalence and histologic features of multifocal fibrosing thyroiditis in the thyroid gland, a multicentre European study

Maria Vittoria Altavilla, Italy

F. Chiarucci, J. Vale, E. Solaroli, A. Repaci, S. Coluccelli, T. Maloberti, A. De Leo, C. Eloy, G. Tallini

003 15:05–15:15

Syndromic MEN1 parathyroid adenomas consist of multiple clones and subclones

Konstantin Bräutigam, United Kingdom

C. Nesti, P. Riss, C. Scheuba, B. Niederle, T. Grob, A. Di Domenico, M. Neuenschwander, P. Mazal, N. Köhn, R. Trepp, A. Perren, R. Kaderli

004 15:15–15:25

Reticulin framework alterations in paragangliomas: do they matter at all?

Eleonora Duregon, Italy

G. Orlando, C. Lopez, A. Vasconi, M. Volante, M. Parasiliti-Caprino, M. Papotti

005 15:25–15:35

Tumour grade in medullary thyroid carcinoma: correlation with outcome, molecular analysis and immunomodulation

Francesca Galuppini, Italy

S. Censi, M. Iacobone, L. Bertazza, S. Barollo, A. Dei Tos, C. Mian, G. Pennelli

006 15:35–15:45

Hobnail and tall cell subtypes: clinical and molecular characterization of two aggressive variants of papillary thyroid carcinoma

Francesca Galuppini, Italy

S. Censi, L. Bertazza, S. Barollo, M. Iacobone, A. Dei Tos, F. Vianello, C. Mian, G. Pennelli

007 15:45–15:55

Expression profile differences according to grade in medullary thyroid carcinoma

Ignacio Ruz-Caracuel, Spain

T. Caniego-Casas, T. Alonso-Gordoa, I. Carretero-Cerro, C. Ariño-Palao, A. Santón, M. Rosas, H. Pian, J. Molina-Cerrillo, P. Luengo, J. Palacios

008 15:55–16:05

Interest and relevance of the new 2022 WHO classification to predict the risk of refractory disease in thyroid carcinomas: review of a 238-cases cohort

Elise Andre, France

L. Mebarki, H. Lasolle, M. Ilie, F. Borson-Chazot, M. Decaussin-Petrucci

009 16:05–16:15

Sinonasal squamous cell carcinoma: a computer assisted image analysis of tumour infiltrating lymphocytes

Cecilia Taverna, Italy

K. Zavaglia, R. Scarpitta, I. Dallan, G. Arcovito, M. Hermsen, V. Cabal, A. Franchi

010 16:15–16:25

SATB2 is a useful marker to differentiate WNT pathway-altered odontogenic tumours from ameloblastoma and ameloblastic carcinoma

Kyu-Young Oh, Republic of Korea

J. Kim, S. Hong, H. Yoon

011 16:25–16:35

Tumour budding as a negative prognostic marker in sinonasal intestinal-type adenocarcinoma, independent from p53 status and dMMR

Valeria Maffei, Italy

S. Puccio, G. Azzarello, L. Laurino, D. Cazzador, D. Politi, E. Emanuelli, G. Spinato, S. Ausoni

012 16:35–16:45

Biomarkers of different stages in the development of carcinoma of the larynx, identified by in situ spatial profiling of RNA targets

Anja Vombergar, Slovenia

N. Zidar, E. Boštjančič, U. Prosenc Zmrzljak

SS-04

Slide Seminar

14:45–16:45

Scherma

Cardiovascular Pathology

Diagnostic toolbox for the “thick heart”

Chairs: Ivana Kholova, Finland

Katarzyna Michaud, Switzerland

001 14:45–15:09

Case 1

Lacopo Olivotto, Italy

002 15:09–15:33

Case 2

Samuel Rotman, Switzerland**003** 15:33–15:57

Case 3

Monica De Gaspari, Italy**004** 15:57–16:21

Case 4

Joseph Westaby, United Kingdom**005** 16:21–16:45

Case 5

Cira Di Gioia, Italy**BPS-05** Best Poster Session**16:45–17:15** E-Poster Terminal 1

Spadolini Upper Floor

Gynaecological PathologyChair: **Joana Ferreira, Portugal****BPS-06** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 2

Spadolini Upper Floor

Pathology in Favour of Developing Countries**Haematopathology**Chair: **Maurizio Martini, Italy****BPS-07** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 3

Spadolini Upper Floor

Neuropathology**Other Topics**Chair: **Zane Jaunmuktane, United Kingdom****BPS-08** Joint Best Poster Session**16:45–17:15** E-Poster Terminal 4

Spadolini Upper Floor

Autopsy Pathology**Cardiovascular Pathology**Chair: **Cristina Basso, Italy****SC-14** Short Course**17:15–19:15** CavanigliaDigestive Diseases Pathology – Liver/
Pancreas**Pathology of the ampullary region: dos and don'ts**Chairs: **Sanjay Kakar, USA****Roger Feakins, United Kingdom****001** 17:15–17:45

Surgical pathology and grossing: that's the trick!

Caroline Verbeke, Norway**002** 17:45–18:15

Precursor lesions: location matters

Volkan Adsay, Turkey**003** 18:15–18:45

Adenocarcinoma of the ampulla: subtypes and relevant molecular pathology

Grace E. Kim, USA**004** 18:45–19:15

Last but not least: non-adenocarcinomas of the ampulla

Olca Basturk, USA**SC-15** Short Course**17:15–19:15** Spadolini 2

Pulmonary Pathology

Molecular Pathology

Small cell lung cancer: the present and the futureChairs: **Anja Roden, USA****Verena Tischler, Germany****001** 17:15–17:45

The present of SCLC and differential diagnoses

Anja Roden, USA**002** 17:45–18:15

The transition of SCLC: molecular classification of SCLC

Zsolt Megyesfalvi, Hungary**003** 18:15–18:45

Methylation and interest of liquid biopsy in SCLC

Rui Henrique, Portugal**004** 18:45–19:15

Overview of biomarkers in SCLC, the present and the future

Verena Tischler, Germany

SS-05	Slide Seminar
17:15–19:15	Spadolini 3
Gynaecological Pathology	
Difficult cases resolved by molecular pathology	
Chairs: <i>Raji Ganesan, United Kingdom</i> <i>Carla Bartosch, Portugal</i>	

001 17:15–17:28
Case 1
Mojgan Devouassoux-Shisheboran, France

002 17:28–17:41
Case 2
Baljeet Kaur, United Kingdom

003 17:41–17:54
Case 3
Koen Van De Vijver, Belgium

004 17:54–18:07
Case 4
Blake Gilks, Canada

005 18:07–18:20
Case 5
Pavel Dundr, Czech Republic

006 18:20–18:33
Case 6
Annette Staebler, Germany

007 18:33–18:46
Case 7
Raji Ganesan, United Kingdom

008 18:46–19:00
Case 8
Carla Bartosch, Portugal

009 19:00–19:15
Business Meeting Gynaecological Working Group
Ben Davidson, Norway

SS-06	Slide Seminar
17:15–19:15	Spadolini 4
Haematopathology	
Unravelling the intricacies of T- and NK-cell lymphomas and lymphoproliferations	
Chairs: <i>Maurilio Ponzoni, Italy</i> <i>Laurence De Leval, Switzerland</i>	

001 17:15–17:30
Case 1
Ioanis Anagnostopoulos, Germany

002 17:30–17:45
Case 2
Leticia Quintanilla-Fend, Germany

003 17:45–18:00
Case 3
Arianna Di Napoli, Italy

004 18:00–18:15
Case 4
Falko Fend, Germany

005 18:15–18:30
Case 5
Laurence De Leval, Switzerland

006 18:30–18:45
Case 6
Alina Nicolae, France

007 18:45–19:00
Case 7
Birgitta Sander, Sweden

008 19:00–19:15
Case 8
John Goodlad, United Kingdom

SPEC-05	Special Session
17:15–19:15	Spadolini 6
Clinical trial pathology – potential, pitfalls, and perspectives	
Chair: <i>Albrecht Stenzinger, Germany</i> <i>Bernard Doger de Speville, Spain</i>	

001 17:15–17:45
Academic pathology and clinical trials – a natural combination
Aurel Perren, Switzerland

002 17:45–18:15
Clinical and industry requirements in trial associated pathology
Bernard Doger de Speville, Spain

003 18:15–18:45
How to perform clinical trial pathology
Albrecht Stenzinger, Germany

004 18:45–19:15
Discussion/Q&A
Bernard Doger de Speville, Spain

SC-16	Short Course
17:15–19:15	Spadolini 7
Soft Tissue and Bone Pathology	
EWSR1-rearranged lesions of bone and soft tissue	
Chairs: Daniel Baumhoer , Switzerland	
Francois Le Loarer , France	

001 17:15–17:37
EWSR1: ETS rearranged tumours of bone and soft tissue
Judith Bovee, The Netherlands

002 17:37–17:59
EWSR1: nonETS rearranged tumours of bone
Petur Nielsen, USA

003 17:59–18:21
EWSR1: rearranged myoepithelial tumours and carcinomas
Julie C. Fanburg-Smith, USA

004 18:21–18:43
EWSR1: rearranged soft tissue tumours: part 1
Leona Doyle, USA

005 18:43–19:05
EWSR1: rearranged soft tissue tumours: part 2
Isidro Machado, Spain

SY-10	Symposium
17:15–19:15	Volta
Paediatric and Perinatal Pathology	
Placental pathologies influencing neonatal outcome	
Chairs: Jelena Martinovic , France	
Beata Hargitai , United Kingdom	

001 17:15–17:39
Placenta impairment and neonatal outcome
Chiara Poggi, Italy

002 17:39–18:03
Placenta and acute HIE
Evelina Silvestri, Italy

003 18:03–18:27
Placenta and neurological impairment in infant
Beverly B. Rogers, USA

004 18:27–18:51
Perinatal infections and the brain
Marta Cohen, United Kingdom

005 18:51–19:15
Gestational diabetes and neonatal hypoglycaemia
Tamas Marton, United Kingdom

SY-11	Symposium
17:15–19:15	Scherma
Cardiovascular Pathology	
Update on diagnostic criteria for myocarditis in the autopsy and biopsy setting	
Chairs: Cristina Basso , Italy	
Giulia D'Amati , Italy	

001 17:15–17:39
Why do we need an update on myocarditis diagnostic criteria?
Cristina Basso, Italy

002 17:39–18:03
Myocarditis in the biopsy setting: issues and challenges
Giulia D'Amati, Italy

003 18:03–18:27
Diagnostic criteria for myocarditis in the biopsy setting: state of the art
Marc Halushka, USA

004 18:27–18:51
Diagnosing myocarditis at autopsy and on surgical samples: issues and challenges
Katarzyna Michaud, Switzerland

005 18:51–19:15
Diagnostic criteria for myocarditis at autopsy and on surgical samples: state of the art
Joseph Maleszewski, USA

▶ Tuesday, 10 September 2024

LC-02	Long Course
08:30–12:00	Cavaniglia
Uropathology	
Hot issues in genitourinary pathology	
Chairs: <i>Maurizio Colecchia, Italy</i>	
<i>Dilek Ertoy Baydar, Turkey</i>	

001 08:30–09:00
Pathology: hub and integrator of modern precision oncology in uropathology
Massimo Loda, USA

002 09:00–09:30
AI in uropathology: prostate cancer
Liam Cheng, USA

003 10:30–11:00
AI in uropathology: bladder cancer
Eva Compérat, Austria

004 11:00–11:30
Premalignant and putative precursor lesions of the kidney
Sean Williamson, USA

005 11:30–12:00
Determinants for clinical implementation of a molecularly informed molecular tumour board in GU tumours
Arndt Hartmann, Germany

LC-03	Long Course
08:30–12:00	Spadolini 2
Head and Neck Pathology	
Major controversies in head and neck pathology	
Chairs: <i>Ann Sandison, United Kingdom</i>	
<i>Roderick Simpson, United Kingdom</i>	

001 08:30–09:00
Mucosal intraepithelial neoplasia: is there an optimal solution?
Mark Lingén, USA

002 09:00–09:30
The role of HPV: current disputes
Cécile Badoual, France

003 10:30–10:50
Carcinoma ex PA, salivary duct carcinoma and carcinosarcoma: confusing overlaps (histomorphology)
Stephan Ihrler, Germany

004 10:50–11:05
Carcinoma ex PA, salivary duct carcinoma and carcinosarcoma: confusing overlaps (molecular pathology)
Philipp Jurmeister, Germany

005 11:05–11:30
Carcinoma ex (inverted) papilloma – why not in the WHO-classification?
Alessandro Franchi, Italy

006 11:30–12:00
Biphasic versus in Situ in salivary tumours: contradictory principles
Emmanuelle Uro-Coste, France

LC-04	Long Course
08:30–12:00	Spadolini 3
Pulmonary Pathology	
Update on current and upcoming ancillary methodology in lung pathology diagnostics	
Chairs: <i>Marius Ilié, France</i>	
<i>Sabina Berezowska, Switzerland</i>	

001 08:30–09:00
Update of molecular pathology
Marius Ilié, France

002 09:00–09:30
Methylation
Philipp Jurmeister, Germany

003 10:30–11:00
IHC, IF and multiplexing
Diane Damotte, France

004 11:00–11:30
Spatial MALDI-imaging on FFPE-slides
Axel Walch, Germany

005 11:30–12:00
Morphology – 3D pathology
Danny Jonigk, Germany

LC-05	Long Course
08:30–12:00	Spadolini 4
Molecular Pathology Digital and Computational Pathology Molecular meets digital <i>Chairs: Olli Carpen, Finland</i> <i>Inti Zlobec, Switzerland</i> <i>Antonio Polonia, Portugal</i>	

001 08:30–09:00
Bridging the gap: using novel technologies to transform clinical care
Heather Dawson, Switzerland

002 09:00–09:30
Deep learning for pathology biomarkers for precision oncology
Jakob Kather, Germany

003 10:30–11:00
Multimodal large language models for pathology
Faisal Mahmood, USA

004 11:00–11:30
Unraveling the tumour microenvironment using multiplexed imaging
Leeat Keren, Israel

005 11:30–12:00
Decoding pan-cancer tumour microenvironment with single-cell multiplex imaging
Teijo Pellinen, Finland

SY-12	Symposium
08:30–12:00	Spadolini 5
Haematopathology Paediatric and Perinatal Pathology Lymphoid and histiocytic lesions in children, adolescents and young adults <i>Chairs: John Goodlad, United Kingdom</i> <i>Rita Alaggio, Italy</i>	

001 08:30–09:00
Precursor lymphoid and myeloid neoplasms in children
Thierry Jo Molina, France

002 09:00–09:30
Histiocytic disorders in children
Jennifer Picarsic, USA

003 10:30–10:53
EBV-positive T and NK LPDs of childhood
Leticia Quintanilla-Fend, Germany

004 10:53–11:15
Reactive lesions in primary immune disorders mimicking lymphoma
Chris Bacon, United Kingdom

005 11:15–11:38
Paediatric-type follicular lymphoma and nodal marginal zone lymphoma
Arianna Di Napoli, Italy

006 11:38–12:00
Burkitt lymphoma in childhood and related disorders
Lorenzo Leoncini, Italy

SpS-03	Special Session
08:30–12:00	Spadolini 6
Challenges in bone and soft tissue pathology <i>Chairs: Angelo Paolo Dei Tos, Italy</i> <i>Abbas Agaimy, Germany</i>	

001 08:30–09:00
Cost-effectively replacing molecular testing with immunohistochemistry in soft tissue tumour pathology
Jason Hornick, USA

002 09:00–09:30
Pitfalls in Bone tumour pathology
Judith Bovee, The Netherlands

003 10:30–11:00
Evolution of Soft tissue tumour classification: morphology-based or genetically-driven?
Angelo Paolo Dei Tos, Italy

004 11:00–11:30
Nonspecific morpho/immunophenotypes as a major source of misdiagnoses and challenges in soft tissue tumour pathology
Abbas Agaimy, Germany

005 11:30–12:00
Discussion/Q&A
Angelo Paolo Dei Tos, Italy

OFP-07 Joint Oral Free Paper Session

08:30–12:00 Spadolini 7

Digestive Diseases Pathology – GI
Digestive Diseases Pathology – Liver/
Pancreas

Chairs: **Atsuko Kasajima**, Germany
Arzu Ensari, Turkey

001 08:30–08:40

Assessing the application of the margin positive definition in colorectal cancer: a case for greater standardization when reporting oncologically significant margins?

Michael Bonert, Canada

E. Ho, A. Naqvi, I. Kak, I. El-Shinnawy, P. Major

002 08:40–08:50

Recommendations for diagnostic and revision strategies in Barrett’s oesophagus: results of the Dutch oesophageal pathology panel (DEPP)

Ylva Weeda, The Netherlands

L. Brosens, M. Doukas, G. Kats-Ugurlu, J. van der Laan, I. van Lijnschoten, F. Moll, A. Ooms, L. Oudijk, C. van der Post, M. Raicu, W. Timens, M. Visser, M. van der Wel, S. Meijer

003 08:50–09:00

Tumour immune microenvironment in metastatic and non-metastatic microsatellite unstable colorectal carcinomas

Sabina Niyazova, Germany

C. Sers, D. Horst, C. Krüger, E. Lorenz, M. Hünerbein, A. von Kirchbach, A. Jarosch

005 09:00–09:10

Foundation of combine-and-conquer strategy in gastric and gastroesophageal junction adenocarcinomas (GA/GEJA): human epidermal growth factor receptor 2 (HER2) and programmed death-ligand 1 (PD-L1) expression in distinct tumour subclones

Ana Rita Coelho, Portugal

I. Gullo, M. Baptista Freitas, D. Leitão, L. Águas, C. Oliveira, A. Polónia, J. Gomes, C. Albuquerque Reis, H. Oliveira Duarte, F. Carneiro

006 09:10–09:20

Assessment of novel therapeutic treatments in KRAS mutant colorectal cancer using patient-derived organoids

Salvatore Piscuoglio, Italy

M. Lazzari, D. Liberati, K. Guja-Jarosz, L. Terracciano, C. Esposito

007 10:30–10:40

Could molecular profiling, through unsupervised clustering analysis of GEP-NETs, help in distinguishing the primary site in occult primary neuroendocrine neoplasms?

Giovanna Sabella, Switzerland

M. Gentili, F. Scalorbi, M. Silvestri, S. Brich, L. Agnelli, A. Vingiani, G. Pruneri, M. Milione

008 10:40–10:50

Prominent Schlafen 11 expression associates with right-sided, mismatch repair-deficient colorectal carcinomas – a study of 3,300 tumours

Maciej Kaczorowski, Poland

M. Chłopek, O. Daum, M. Michal, A. Kowalik, J. Lasota, M. Miettinen

009 10:50–11:00

EUS-FNB in pancreatic and extra-pancreatic lesions: a 5-year experience highlighting the importance of cell blocks for immunohistochemical analysis and biomolecular testing

Stefano Marletta, Italy

E. Cavallo, F. Romeo, F. Motta, M. Dello Spedale Venti, G. Leone, L. Gullotti, C. Bonanno, S. Pafumi, C. Carnaghi, G. Magro, G. Bonanno, A. Rizzo

010 11:00–11:10

Self-supervised learning to predict intrahepatic cholangiocarcinoma transcriptional classes on routine histology

Aurélien Beaufrère, France

T. Lazard, R. Nicolle, G. Lubuela, J. Augustin, M. Albuquerque, V. Priori, N. Théou-Anton, M. Lesurtel, M. Bouattour, K. Mondet, J. Cros, J. Calderaro, T. Walter, V. Paradis

011 11:10–11:20

Reporting residual disease (R0/R1) following pancreatoduodenectomy for pancreatic ductal adenocarcinoma: a joint position statement by the International Study Group for Pancreatic Surgery (ISGPS) and the International Study Group of Pancreatic Pathologists

Arantza Farina, *The Netherlands*

R. Theijse, B. Janssen, L. Lutter, O. Basturk, L. Brosens, I. Esposito, N. Fukushima, V. Henriques, C. Luchini, H. Wang, J. Werner, C. Verbeke, M. Besselink, V. Adsay

012 11:20–11:30

Next-generation sequencing improves diagnostic performances for patients with extrahepatic biliary strictures

Anne-Cécile Brunac, *France*

J. Peron, A. Culetto, K. Barange, L. Buscail, N. Fares, R. Guimbaud, E. Alouani, M. Jaffrelot, D. Grand, C. Basset, J. Selves

013 11:30–11:40

A novel subgroup of pancreatic neuroendocrine tumours with a highly metastatic potential characterized by PDX1 and CDX2 expression

Atsuko Kasajima, *Germany*

E. Moser, A. Ura, L. Vogel, K. Steiger, C. Mogler, M. Evert, B. Märkl, K. Scheidhauer, M. Martignoni, H. Friess, A. von Werder, I. Marinoni, A. Perren, G. Klöppel

014 11:40–11:50

HER2 amplification subtype intrahepatic cholangiocarcinoma exhibits high mutation burden and T cell exhaustion microenvironment

Xiaohong Pu, *China*

015 11:50–12:00

Spatial transcriptomics analysis of gallbladder precursor lesions and their progression to gallbladder carcinoma

Valentina Angerilli, *Italy*

T. de Bitter, E. Vink-Börger, Y. Doncheva, M. McGuigan, J. Cole, P. de Reuver, N. Jamieson, I. Nagtegaal, C. van der Post

OFP-08 Joint Oral Free Paper Session**08:30–12:00****Volta**

**Thymic and Mediastinal Pathology
Pathology in Favour of Developing
Countries**

Cardiovascular Pathology

History of Pathology

Autopsy Pathology

*Chairs: Katarzyna Michaud, Switzerland
Giulia D'Amati, Italy*

001 08:30–08:40

Evaluation of diagnostic accuracy of state of the art post-mortem imaging compared to clinical hospital autopsy

Wolf-Dieter Zech, *Switzerland*

H. Hoppe, I. Arnold, N. Lange-Herr, J. Klaus, N. Schwendener, J. Brünig, B. Dislich, M. Trippel, Y. Banz

002 08:40–08:50

A 2-year review of microbiological testing in paediatric autopsies in a forensic setting

Sarah Parsons, *Australia*

J. Fronczek, L. Iles

003 08:50–09:00

State of decay: the validation and use of autopsy as tool to monitor rates of social isolation in the United Kingdom (UK) – a summary of three years of research

Theodore Estrin-Serlui, *United Kingdom*

004 09:00–09:10

High relevance of autopsy-based COVID-19 tissue biobanking in anti-SARS-CoV-2 vaccination research

Tilman Pfeffer, *Germany*

K. Hofmann, I. Klein, C. Schwab, L. Hartmann, A. Marx, M. Werner, O. Schilling, F. Fend, H. Bösmüller, P. Möller, N. Gaisa, A. Stenzinger, T. Longerich, P. Schirmacher

005 09:10–09:20

An in-depth characterization of the natural history of viral myocarditis in a murine coxsackie B3 model

Manon Van Hecke, *Belgium*

K. Favere, S. Eens, P. Guns, T. Roskams, H. Heidebuchel

006 09:20–09:30

Automatic quantification of amyloid birefringence in cardiac amyloidosis by digital pathology

Alessandra Celi, Italy

A. Pucci, F. Greco, S. Polito, V. Musetti, V. Castiglione, A. Aimò, G. Vergaro, M. Emdin

007 10:30–10:40

Predictors of temporal arteritis: a retrospective analysis of 781 biopsies that includes consideration of the pathologist, surgeon and biopsy length

Michael Bonert, Canada

G. Bidla, A. Naqvi, N. Khalidi, M. Junek, A. Thoma

008 10:40–10:50

Enhancing amyloid diagnosis via proteomics: from plaque to tissue

Annelore Vandendriessche, Belgium

T. Maia, D. Van Haver, I. Kaya, M. Van Der Linden, J. Van Dorpe, A. Dendooven, S. Devos, F. Impens

009 10:50–11:00

Theatrum anatomicum: pathology as a spectacle through the ages

Hazel O'Shea, Ireland

010 11:00–11:10

Stroma AReactive Invasion Front Areas (SARIFA) as a new prognostic biomarker in digestive and prostate cancers indicating metabolic reprogramming by tumour cell – adipocyte interaction

Bruno Märkl, Germany

B. Grosser, N. Reitsam, P. Grochowski, M. Gross, J. Enke, J. Waidhauser

011 11:10–11:20

MTAP immunohistochemistry and peritoneal mesothelioma: is it really an accurate surrogate for CDKN2A fluorescent in situ hybridization?

Andrea Quaranta, Italy

F. Fortarezza, A. Marzullo, C. Caporusso, S. Maniglio, F. Pentimone, F. Pezzuto, L. Vimercati, G. Serio, A. d'Amati

012 11:20–11:30

Optimizing workflow and archiving of slides in a busy pathology laboratory through implementing a slide traceability and archiving system

Pernille Lund, Denmark

013 10:30–10:40

NUT carcinoma of lung/mediastinum: a series of 34 cases of aggressive thoracic tumours from developing nation

Rajiv Kaushal, India

R. Khedkar, T. Pai, N. Karnik, A. Janu, V. Noronha, K. Prabhash, J. Agarwal, C. Pramesh

014 10:40–10:50

A preliminary assessment of bap1, mtp, ki67, cd5, cd117 in a thymic carcinoma monocentric cohort

Stefano Stanca, Italy

I. Di Stefano, V. Aprile, I. Petrini, G. Ali

SC-17	Short Course
08:30–12:00	Scherma
History of Pathology	
Electron Microscopy	
Infectious Diseases Pathology	
History of EM in pathology	
Chairs: Renate Kain , Austria	
Jacek Gulczynski , Poland	

001 08:30–08:55

Ultrastructure as background of knowledge development – from past into the future

Andrzej Marszalek, Poland

002 08:55–09:20

A glimpse of Electron microscopy in infectious diseases

Vsevolod Zinserling, Russia

003 09:20–09:30

What and where? The ultrastructure of the "dots" in Merkel cell carcinoma

Piotr Donizy, Poland

004 10:30–10:55

I have a Dream – anniversary of the clinical Electron Microscopy institute and the role of EM in Italy

Giovanna Cenacchi, Italy

005 10:55–11:15

TEM in renal pathology

Renate Kain, Austria

006 11:15–11:38

A challenging case solved by EM

Valentina Papa, Italy**007** 11:38–12:00

Cases of subacute sclerosing panencephalitis in Croatia

Antonia Jakovcevic, Croatia**KNL-03 Keynote Lecture****12:15–13:00 Cavaniglia**Chairs: **Peter Schirmacher,**

Germany

Gabriella Nesi, Italy

ESP Symeonidis Lecture:
Subtyping of Pancreatic
Neuroendocrine Neoplasms
Günter Klöppel, Germany

SY-13 Symposium**14:45–16:45 Cavaniglia**

Digestive Diseases Pathology – GI

Demystifying unusual inflammatory
patterns of the luminal gastrointestinal
tract

Chairs: **Paula Borralho-Nunes, Portugal****Raul Gonzalez, USA****001** 14:45–15:15

Uncommon patterns of oesophagitis

Mikhail Lisovsky, USA**002** 15:15–15:45

Demystifying autoimmune gastritis and other unusual gastritis

Stephen Lagana, USA**003** 15:45–16:15

Demystifying small bowel mucosal pathology and the coeliac pattern

Arzu Ensari, Turkey**004** 16:15–16:45

How to approach chronic colitides that are not idiopathic IBD

Michelle Moore, United Kingdom**SS-07 Slide Seminar****14:45–16:45 Spadolini 2**

Head and Neck Pathology

A basket of surprising casesChairs: **Edward Odell, United Kingdom****Cécile Badoual, France****001** 14:45–15:00

Case 1

Jan Laco, Czech Republic**002** 15:00–15:15

Case 2

Edward Odell, United Kingdom**003** 15:15–15:30

Case 3

Natalie Klubickova, Czech Republic**004** 15:30–15:45

Case 4

Silvana Di Palma, United Kingdom**005** 15:45–16:00

Case 5

Miguel Rito, Portugal**006** 16:00–16:15

Case 6

Valerie Costes-Martineau, France**007** 16:15–16:30

Case 7

Tina Klitmoeller Agander, Denmark**008** 16:30–16:45

Case 8

Llucia Alos, Spain**SY-14 Symposium****14:45–16:45 Spadolini 3**

Pulmonary Pathology

Haematopathology

Too much blue in lung and pleura –
malignant and benign lymphoid lesions

Chairs: **Fiorella Calabrese, Italy****Alexandar Tzankov, Switzerland****001** 14:45–15:15

Plasma cell related lesions of the lung, including IgG4 associated disease

Federica Pezzuto, Italy**002** 15:15–15:45

Pleural lymphoproliferative disorders with a focus on PEL and fluid overload lymphomas

Arianna Di Napoli, Italy

003 15:45–16:15
Pulmonary lymphomas: differential diagnoses and the mutational landscape
Alexandar Tzankov, Switzerland

004 16:15–16:45
Histiocytoses with a focus on lung and pleura
Jean-Francois Emile, France

SC-18 **Short Course**
14:45–16:45 **Spadolini 4**
Digital and Computational Pathology
Next Generation Pathologists
Chairs: Antonio Polonia, Portugal
Inti Zlobec, Switzerland

001 14:45–15:09
Pros and cons in a fully digitalised workflow
Sanne Kjær-Frifeldt, Denmark

002 15:09–15:33
Computational and integrative pathology from diagnosis to prediction: an Italian experience
Vincenzo L'imperio, Italy

003 15:33–15:57
Application of computational pathology to head and neck lesions
Ali Khurram, United Kingdom

004 15:57–16:21
Shaping dAlgnostic pathology
Yuri Tolkach, Germany

005 16:21–16:45
Digital pathology: new technologies giving new eyes to pathologists
Laura Rubbia-Brandt, Switzerland

OFP-09 **Oral Free Paper Session**
14:45–16:45 **Spadolini 5**
Dermatopathology
Chairs: Eleni Ieremia, United Kingdom
Jože Pižem, Slovenia

001 14:45–14:55
Digital spatial profiling yields an activated and B-cell enriched tumour microenvironment in primary melanomas associated with brain metastases
Zineb Belcaid, The Netherlands
N. al Amery, S. Najjary, D. Mustafa, J. Kros

002 14:55–15:05
Melanoma of the female genital tract: morphological, clinical and molecular characterization
Pietro Antonini, Italy
F. Patrizi, A. Muccilli, F. Castiglione, A. De Magnis, A. Santoro, G. Garganese, G. Scambia, G. Zannoni, M. Mandalà, D. Massi

003 15:05–15:15
Basal cell carcinoma of the skin under the age of 40 years: a retrospective study
Ivana Savic, Serbia
J. Pecanac

004 15:15–15:25
Impact of COVID-19 on clinical findings and histopathological characteristics in cases of cicatricial alopecia: a retrospective cohort study
Sergen Yagci, Turkey
E. Yağci, H. Örün, N. Özcan, Ö. Özen

005 15:25–15:35
Artificial intelligence applied to a first screening of naevoid melanoma: a new use of fast random forest algorithm in dermatopathology
Gerardo Cazzato, Italy
A. Massaro, A. Colagrande, I. Trilli, G. Ingravallo, N. Casatta, C. Lupo, A. Ronchi, R. Franco, E. Maiorano, A. Vacca

006 15:35–15:45
Evaluation of Fumarate Hydratase (FH) and 2-Succinocysteine stainings in cutaneous leiomyomas: an immunohistochemical study
Beste Noyan Mod, Turkey
C. Leblebici, A. Başkan

007 15:45–15:55
Histopathological clues observed with hematoxylin and eosin staining in cases diagnosed with dermatophytosis
Buket Timur, Turkey
B. Lebe

008 15:55–16:05

Diagnostic and prognostic relevance of Spatz-Barnhill criteria for the diagnosis of Spitz nevi

Dorra Chiba, Tunisia

N. Ouini, A. Benabdelkader, I. Bahri, S. Ben Tekaya, W. Mokni, B. Sriha, M. Mokni

009 16:05–16:15

Expression of the PRAME immunohistochemical marker in melanocytic lesions: a potential biomarker and its role in differential diagnosis of malignant lesions

Beste Noyan Mod, Turkey

C. Leblebici

010 16:15–16:25

Association of lymphomatoid papulosis and mycosis fungoides: a retrospective study at a third level hospital

Almudena Sobrino Prados, Spain

S. Galeano Reyes, P. Bueno Ortiz, F. Granados Pacheco, K. Martins, M. González Afonso, M. Camacho García

011 16:25–16:35

Histomorphometric analysis of metastatic sentinel lymph nodes in melanoma and correlation with regional lymph node dissection status and survival

Tugçe Aydemir, Turkey

B. Yaman, G. Serin, T. Akalin

OFFP-10 Joint Oral Free Paper Session

14:45–16:45

Spadolini 6

Urothology

Nephropathology

Chairs: Arvydas Laurinavicius, Lithuania

Felix Bremmer, Germany

002 14:45–14:55

Macrophage activation in antibody-mediated renal allograft rejection

Vinita Agrawal, India

S. Kamthan, S. Pratap Singh, N. Prasad

003 14:55–15:05

Altered glycocalyx sialylation for differential diagnosis of thrombotic microangiopathy (TMA) in renal allografts

Jessica Schmitz, Germany

W. Dai, A. Tölke, K. Diahovets, K. Niculovic, K. Schmidt-Ott, U. Eisenberger, A. Gäckler, S. Dietrich, K. Schulte, H. Stark, W. Gwinner, J. Menne, A. Münster-Kühnel, J. Bräsen

004 15:05–15:15

Unsupervised learning for labeling globally sclerosed glomeruli

Hrafn Weishaupt, Norway

J. Besusparis, S. Leh

005 15:15–15:25

PD-L1, ADAR2, and androgen receptor expression in BCG-treated urothelial bladder carcinoma in situ

Vincenzo Fiorentino, Italy

C. Pizzimenti, L. Pepe, E. Germanà, G. Ricciardi, W. Giordano, F. Pierconti, A. Ieni, V. Ficarra, G. Fadda, G. Tuccari, M. Martini

006 15:25–15:35

High tumour mutational burden is associated with strong PD-L1 expression, HPV negativity, and worse survival in penile squamous cell carcinoma: an analysis of 165 cases

Jan Hrudka, Czech Republic

J. Hojný, Z. Prouzová, M. Kendall Bártů, D. Čapka, N. Zavilová, P. Waldauf, R. Matěj

007 15:35–15:45

Analysis of MicroRNA-371-373 on post-chemotherapy trophoblastic tumours of germ cell tumour origin support a differentiation phenomenon towards teratoma

João Lobo, Portugal

N. Tavares, D. Fonseca, C. Jerónimo, R. Henrique, M. Idrees, T. Ulbright, A. Acosta

008 15:45–15:55

TFEB-altered renal cell carcinoma is morphologically and immunohistochemically challenging entity

Kristýna Pivovarcíková, Czech Republic

J. Rogala, L. Kuthi, M. Slisarenko, B. Rychlý, M. Michal

009 15:55–16:05

Cytogenomic evaluation of severe oligozoospermia cases undergoing infertility treatment

Aatish Saraswat, India

B. Chakrabarty, N. N. S. Venkatesan

010 16:05–16:15

Utilising artificial intelligence to support histopathological diagnosis of needle core biopsies and transurethral resection of the prostate: a clinical validation study

Fiona Maclean, Australia

A. de Souza, M. Phang, C. Petrucco, M. Peters, C. Warren

011 16:15–16:25

Beyond BRCA: what does assessment of additional homologous recombination and mismatch repair genes in primary and metastatic prostatic adenocarcinoma add?

Ngoc-Nhu Jennifer Nguyen, Canada

N. Park, E. Olkhov-Mitsel, W. Huang, C. Sherman, M. Downes

012 16:25–16:35

Somatic genomic alterations TP53, CDKN2A, ATM, EPHA7, POT1, CHEK1, GRIN2A and EGFR worsen survival in penile squamous cell carcinoma: comprehensive DNA analysis of 146 cases and correlation with patient's follow-up

Jan Hrudka, Czech Republic

J. Hojný, Z. Prouzová, E. Krkavcová, M. Kendall Bártů, J. Dvořák, R. Michálková, D. Čapka, N. Zavillová, R. Matěj, P. Waldauf

SY-15 Symposium

14:45–16:45 Spadolini 7

Thymic and Mediastinal Pathology
The value and challenges of alternative histopathological techniques in the workup of anterior mediastinal tumours

Chairs: Jan von der Thüsen, The Netherlands

Malgorzata Szolkowska, Poland

001 14:45–14:59

Is cytology useful in the diagnosis of anterior mediastinal tumours? Pro
Andre Moreira, USA

002 14:59–15:13

Is cytology useful in the diagnosis of anterior mediastinal tumours? Con
Izidor Kern, Slovenia

003 15:13–15:25

Discussion
Jan von der Thüsen, The Netherlands

004 15:25–15:39

Are biopsies useful in the diagnosis of anterior mediastinal tumours? Pro
Rex Hung, USA

005 15:39–15:53

Are biopsies useful in the diagnosis of anterior mediastinal tumours? Con
Paolo Mendogni, Italy

006 15:53–16:05

Discussion
Jan von der Thüsen, The Netherlands

007 16:05–16:19

Is frozen section diagnostics useful for thymectomy specimens? Pro
Anja Roden, USA

008 16:19–16:33

Is frozen section diagnostics useful for thymectomy specimens? Con
Thierry Jo Molina, France

009 16:33–16:45

Discussion
Jan von der Thüsen, The Netherlands

SY-16	Symposium
14:45–16:45	Volta
History of Pathology	
Pathology in Favour of Developing Countries	
The rosetta stones of pathology	
<i>Chairs: Giulia De Falco, United Kingdom</i>	
<i>Vincenzo Canzonieri, Italy</i>	
<i>Maurizio Martini, Italy</i>	

001 14:45–15:15

At the core of the core prostate biopsy
Gabriella Nesi, Italy

002 15:15–15:45

Historical perspective of Burkitt lymphoma – from past to future
Sam Mbulaiteye, USA

003 15:45–16:15

Historical view of prion diseases
Ewa Izycka-Swieszewska, Poland

004 16:15–16:45

Historical approach to pathology and medicine of old Portuguese empire
Rosa Helena Henriques De Gouveia, Portugal

OFP-11 Joint Oral Free Paper Session

14:45–16:45 Scherma

Soft Tissue and Bone Pathology

Infectious Diseases Pathology

Chairs: **Rupert Langer, Austria****001** 14:45–14:55

Description of FOS alterations in osteosarcoma raises the hypothesis of malignant transformation of osteoblastoma: a multicentric clinico-pathological and molecular study of five cases

Christophe Bontoux, France

H. Reboul, M. Csanyi, C. Bouvier, F. Larousserie, H. Sartelet, F. Bibeau, G. De Pinieux, N. Van Acker, S. Evrard, A. Gomez-Mascard

002 14:55–15:05

USP2 and USP8 fusions define a new subset of myofibroblastic neoplasms

Corinne Bouvier, France

A. Marsan-Fratini, A. Meurgey, D. Pissaloux, S. El Zein, G. Pierron, F. Le Loarer, M. Karanian, F. Tirede, N. Macagno

003 15:05–15:15

Optical genome mapping detects complex rearrangement patterns in Ewing sarcoma that associate with poor clinical outcome

Juan Diaz-Martin, Spain

C. Salguero-Aranda, E. de Álava

004 15:15–15:25

Primary intraosseous “undifferentiated” sarcomas showing rhabdomyoblastic differentiation: clinicopathological, immunohistochemical and molecular features of 11 ultra-rare tumours

Kemal Kosemehmetoglu, Turkey

B. Rekhii, R. Jayan, O. Shetty, J. Bajpai, K. Kösemehmetoğlu

005 15:25–15:35

Liposclerosing myxofibrous tumour: case series with radiologic-pathologic correlation and review of this infrequent entity

Eva Manuela Pena Burgos, Spain

G. Serra del Carpio, M. Tapia Viñe, E. Ortiz Cruz, J. Pozo Kreiling

006 15:35–15:45

Mesenchymal chondrosarcoma: a tertiary care centre experience from South India

Iswarya S Nair, India

J. K. S. Nair P, N. Radhakrishnan, E. Joy, G. N, V. M, P. T, M. Paul, A. Mathew

007 15:45–15:55

Prognostic value of vessels encapsulating tumour clusters (VETC) in solitary fibrous tumours (SFT). Validation on a retrospective cohort

Alessandra Bressan, Italy

L. Sama, O. Mintemur, L. Ruspi, A. Bertuzzi, P. Colombo, A. Bonometti, F. Cananzi, S. Renne

008 15:55–16:05

CD63 prevents the elimination of cancer cells through macrophages in osteosarcoma

Tristan Lerbs, Germany

L. Cui, C. Muscat, R. Buettner, G. Wernig

009 16:05–16:15

Impact of disruptions in antigen processing and presentation machinery on sarcoma

Salvatore Renne, Italy

L. Sama, S. Kumar, O. Mintemur, L. Ruspi, F. Sicoli, A. Bertuzzi, A. Bonometti, P. Colombo, V. D'amato, A. Bressan, L. Terracciano, P. Navarra, F. Grizzi, F. Cananzi

010 16:15–16:25

Exploring the potential of optical genome mapping in soft-tissue and bone tumours

Empar Mayordomo Aranda, Spain

Á. Diaz González, C. García Ruiz, F. Giner, L. Rubio Martínez, S. Hernández Girón, N. Torres Hernández, C. De la Calva, P. González Rojo, S. Gimenez Ortiz, C. Ramirez Fuentes, J. Amaya Valero, E. Such Taboada

011 16:25–16:35

DVICE – detection of virus-induced cytopathic effect using AI

Urs Greber, Switzerland

A. Petkidis, V. Andriasyan, L. Murer, R. Volle

012 16:35–16:45

Invasive fungal disease in chronic liver transplant failure – an underestimated burden

Katharina Hofmann, Germany

A. Puzalkova, T. Pfeffer, I. Klein, A. Mehrabi, U. Merle, R. Penzel, A. Stenzinger, C. Flechtenmacher, P. Schirmacher

PL-01	Plenary Session
16:45–17:30	E-Poster Terminal 1
Plenary Oral Free Paper Session	
Chairs: Peter Schirmacher , Germany	
Gabriella Nesi , Italy	

SC-19	Short Course
17:30–19:30	Cavaniglia
Digestive Diseases Pathology – GI	
Gastrointestinal manifestations of systemic disease	
Chairs: Fátima Carneiro , Portugal	
David Schaeffer , Canada	

- 001** 17:30–17:54
Dermatological conditions and vasculitides involving the GI tract
Rhonda Yantiss, USA
- 002** 17:54–18:18
Amyloidosis of the GI tract and its mimics
Gayatri Raghuram, United Kingdom
- 003** 18:18–18:42
GI tract sarcoidosis, histiocytic disorders, and mast cell disorders
Shaun Walsh, United Kingdom
- 004** 18:42–19:06
Metastases to the GI tract
Francesca Rosini, Italy

- 005** 19:06–19:30
Systemic infections affecting the GI tract
Nicole Panarelli, USA

SC-20	Short Course
17:30–19:30	Spadolini 2
Head and Neck Pathology	
Near misses in head/neck cases (+ Business Meeting)	
Chairs: Bruce Wenig , USA	
Jelena Sopta , Serbia	

- 001** 17:30–17:50
Case 1
Metka Volavsek, Slovenia
- 002** 17:50–18:10
Case 2
Ilmo Leivo, Finland
- 003** 18:10–18:30
Case 3
Isabel Fonseca, Portugal

- 004** 18:30–18:50
Case 4
Ann Sandison, United Kingdom
- 005** 18:50–19:10
Case 5
Bruce Wenig, USA
- 006** 19:10–19:30
Business Meeting Head and Neck Pathology Working Group
Stephan Ihrler, Germany

SS-08	Slide Seminar
17:30–19:30	Spadolini 3
Trainees	
Pulmonary Pathology	
Lung pathology – from beginner to expert	
Chairs: Pui Yuen Lee , The Netherlands	
Radu Pirlog , Romania	

- 001** 17:30–18:00
Case 1
Lauren D'Sa, United Kingdom
- 002** 18:00–18:30
Case 2
Francesca Ambrosi, Italy
- 003** 18:30–19:00
Case 3
Spasenija Savic-Prince, Switzerland
- 004** 19:00–19:30
Case 4
Luka Brcic, Austria

SC-21	Short Course
17:30–19:30	Spadolini 4
Digital and Computational Pathology	
Debating the pros and cons of AI topics	
Chairs: Inti Zlobec , Switzerland	
Norman Zerbe , Germany	

- 001** 17:30–17:50
Where do we stand with AI for health?
José Ricardo Leite Oliveira Brandão, Portugal
- 002** 17:50–18:00
Pre-debate survey and moderation
Balazs Acs, Sweden
- 003** 18:00–18:05
DEBATE 1: Pro- Are we (pathologists) ready for AI in practice?
Falko Fend, Germany

004 18:05–18:10DEBATE 1: Con- Are we (pathologists)
ready for AI in practice?**Catherine Guettier, France****005** 18:10–18:30

Discussion

Inti Zlobec, Switzerland**006** 18:30–18:35DEBATE 2: Pro- Interpretability and
explainability in AI: is it necessary?**Vincenzo L'imperio, Italy****007** 18:35–18:40DEBATE 2: Con- Interpretability and
explainability in AI: is it necessary?**Diana Montezuma Felizardo, Portugal****008** 18:40–19:00

Discussion

Inti Zlobec, Switzerland**009** 19:00–19:10

Post-debate survey

Balazs Acs, Sweden**010** 19:10–19:30

Update on ESDIP activities

Norman Zerbe, Germany**SS-09 Slide Seminar****17:30–19:30 Spadolini 5**

Molecular Pathology

Paediatric and Perinatal Pathology

**Tumour predisposition syndromes in
children, adolescents and young adults:
another planet?**Chairs: **Ronald de Krijger, The Netherlands**
Päivi Heikkilä, Finland**001** 17:30–17:50

Case 1

Jouko Lohi, Finland**002** 17:50–18:10

Case 2

Uta Flucke, The Netherlands**003** 18:10–18:30

Case 3

Eric Legius, Belgium**004** 18:30–18:50

Case 4

Arnaud De La Fouchardière, France**005** 18:50–19:10

Case 5

Dominique Berrebi, France**006** 19:10–19:30

Case 6

Sabrina Rossi, Italy**SPEC-06 Special Session****17:30–19:30 Spadolini 6****Special Session ESP Educational
Subcommittee: Transcending the diag-
nostic role: pathologists beyond
boundaries**Chairs: **Catarina Eloy, Portugal**
Xavier Matias-Guiu, Spain**001** 17:30–17:56Spreading the word through multiples
channels**Lara Pijuan, Spain****002** 17:56–18:22

With the patient at hand

Catarina Eloy, Portugal**003** 18:22–18:48

The word that guides the treatment

Fabio Pagni, Italy**004** 18:48–19:14

If an image could speak...

Ali Khurram, United Kingdom**005** 19:14–19:30The ever-expanding palette of ESP
Educational activities, for you to paint a
pathology masterpiece!**Christos Poullos, Belgium****SS-10 Slide Seminar****17:30–19:30 Spadolini 7**

Thymic and Mediastinal Pathology

**The mediastinal case that kept me up at
night**Chairs: **Anja Roden, USA**
Wim Timens, The Netherlands**001** 17:30–17:50

Case 1

Luka Brcic, Austria**002** 17:50–18:10

Case 2

Stefan Porubsky, Germany

003 18:10–18:30
Case 3
M. Angeles Montero Fernandez, *United Kingdom*

004 18:30–18:50
Case 4
Nils 't Hart, *The Netherlands*

005 18:50–19:10
Case 5
Dieter Peeters, *Belgium*

006 19:10–19:30
Case 6
Helmut Popper, *Austria*

SC-22	Short Course
17:30–19:30	Volta
History of Pathology Historical forum on Renaissance medicine and pathology Chairs: Luca Ventura , <i>Italy</i> Luisa Ferrari , <i>Italy</i>	

001 17:30–17:50
Antonio Benivieni: a brief account on a Renaissance pioneer in pathology
Raffaella Santi, *Italy*

002 17:50–18:10
Malformations in Renaissance art
Jacek Gulczynski, *Poland*

003 18:10–18:30
António Luís (1510-1575) – life & work of a Renaissance physician
Lina Carvalho, *Portugal*

004 18:30–18:50
Juan Huarte de San Juan – contribution to Spanish medical Renaissance
Luis Alfaro, *Spain*

005 18:50–19:10
Thomas Sydenham – a Renaissance British physician
Matthew Clarke, *United Kingdom*

006 19:10–19:30
Kidney and bladder stones in Renaissance: treatment and paleopathological evidence
Raffaele Gaeta, *Italy*

SY-17	Symposium
17:30–19:30	Scherma
Electron Microscopy Emerging topics and fields in diagnostic EM Chairs: Renate Kain , <i>Austria</i> Valentina Papa , <i>Italy</i>	

001 17:30–18:00
EM-based nano-toxicology
Nobuhiro Morone, *United Kingdom*

002 18:00–18:30
Visualising vascular remodelling
Danny Jonigk, *Germany*

003 18:30–18:40
Exploring the contribution of electron microscopy in pneumoconiosis: case studies of hard metal lung disease
Francesco Fortarezza, *Italy*

004 18:40–19:10
Electron microscopy in virus entry and assembly
Urs Greber, *Switzerland*

005 19:10–19:30
Business Meeting of the Electron Microscopy Working Group
Renate Kain, *Austria*

► Wednesday, 11 September 2024

SY-18	Symposium
08:30–12:00	Cavaniglia
Digestive Diseases Pathology – GI Pre-malignancy and early cancer of the GI tract: pathological precision <i>Chairs: Iris Nagtegaal, The Netherlands Jean-Francois Fléjou, France</i>	

001 08:30–09:00
Barrett's oesophagus: an update
Manuel Rodriguez-Justo, United Kingdom

002 09:00–09:30
Early gastric cancer
Fátima Carneiro, Portugal

003 10:30–11:00
GI dysplasia in IBD
Gregory Lauwers, USA

004 11:00–11:30
Colorectal adenomas and pT1 cancers: my approach
Maurice Loughrey, United Kingdom

005 11:30–12:00
LAMN, HAMN, and polyps of the appendix
Rhonda Yantiss, USA

LC-06	Long Course
08:30–12:00	Spadolini 2
Urothelium Recommendation from Consensus meeting in GU tumours (+ Business Meeting) <i>Chairs: George Netto, USA Maria Rosaria Raspollini, Italy</i>	

001 08:30–09:00
Reasons for a consensus GUPS ISUP on SCST – results
Daniel Berney, United Kingdom

002 09:00–09:30
Consensus GUPS ISUP: recommendations for molecular studies
Andres Martin Acosta, USA

003 10:30–11:00
Consensus GUPS ISUP: recommendation for reporting SCST
Muhammad Idrees, USA

004 11:00–11:30
ISUP Consensus on bladder cancer
Gladdell Paner, USA

005 11:30–12:00
Business Meeting of the Urothelium Working Group
George Netto, USA

SY-19	Symposium
08:30–12:00	Spadolini 3
Head and Neck Pathology Molecular Pathology Molecular pathology in head and neck: rapidly catching up <i>Chairs: Alena Skálová, Czech Republic Kristiina Heikinheimo, Finland</i>	

001 08:30–09:00
Methylome and copy number analysis in soft tissue and bone neoplasms
Daniel Baumhoer, Switzerland

002 09:00–09:30
Emerging genetic landscape of epithelial sinonasal malignancies
Abbas Agaimy, Germany

003 10:30–11:00
How molecular pathology changed our diagnostic work up of salivary gland tumours
Katalin Kiss, Denmark

004 11:00–11:30
The complex molecular profile of head & neck squamous cell carcinoma
Alfons Nadal, Spain

005 11:30–12:00
Circulating tumour DNA – a new tool to transform head and neck cancer treatment
Ben O'Leary, United Kingdom

SC-23	Short Course
08:30–12:00	Spadolini 4
Neuropathology	
Cardiovascular Pathology	
Electron Microscopy	
Diagnostic challenges in drug-induced neuromuscular and cardiac pathology: multidisciplinary approach	
<i>Chairs: Carla Giordano, Italy</i>	
<i>Giovanna Cenacchi, Italy</i>	
<i>Zane Jaunmuktane, United Kingdom</i>	

- 001 08:30–08:50
New drug for cancer therapy: focus on check-point inhibitors
Antoine F. Carpentier, France
- 002 08:50–09:10
Muscular pathology induced by checkpoint inhibitors
Edoardo Malfatti, France
- 003 09:10–09:30
Nerve pathology induced by check-point inhibitors
Anne Schänzer, Germany
- 004 10:30–10:50
Cardiac pathology induced by checkpoint inhibitors
James Stones, USA
- 005 10:50–11:10
Drug-induced muscle disease
Aisling Carr, United Kingdom
- 006 11:10–11:22
Unusual cases of drug-induced pathology in muscle
Giovanna Cenacchi, Italy
- 007 11:22–11:34
Unusual cases of drug-induced pathology in heart
Carla Giordano, Italy
- 008 11:34–12:00
Discussion/Q&A
Carla Giordano, Italy

SPEC-07	Special Session
08:30–12:00	Spadolini 5
ESP & Highlights of ASCO	
<i>Chairs: Aleš Ryška, Czech Republic</i>	
<i>Peter Schirmacher, Germany</i>	
<i>Xavier Matias-Guiu, Spain</i>	
<i>Nicola Normanno, Italy</i>	

- 001 08:30–08:50
Highlights of ASCO 1
Antonia-Carmen Georgescu, Romania
- 002 08:50–09:10
Highlights of ASCO 2
Anita Sejben, Hungary
- 003 09:10–09:30
Panel Discussion (with all speakers and chairs)
Aleš Ryška, Czech Republic
- 004 10:30–10:50
Highlights of ASCO 3
Ivan Fernandez Vega, Spain
- 005 10:50–11:08
Highlights of ASCO 4
Antonia-Carmen Georgescu, Romania
- 006 11:08–11:26
Highlights of ASCO 5
Anita Sejben, Hungary
- 007 11:26–11:44
Highlights of ASCO 6
Ivan Fernandez Vega, Spain
- 008 11:44–12:00
Panel Discussion (with all speakers and chairs)
Aleš Ryška, Czech Republic

SY-20	Symposium
08:30–12:00	Spadolini 6
Cytopathology	
Pulmonary Pathology	
Lung pathology meets cytology: updates on the state of the art	
<i>Chairs: Spasenija Savic-Prince, Switzerland</i>	
<i>Marianne Engels, Germany</i>	

- 001 08:30–09:00
WHO reporting system for lung cytopathology: standardisation matters
Lukas Bubendorf, Switzerland

002 09:00–09:30

Diagnostic and predictive immunocytochemistry in lung cancer on cell blocks

Elena Vigliar, Italy

003 10:30–11:00

Predictive marker testing in lung cancer using small samples (cytology, biopsy): different samples, same needs

Maria Dolores Lozano, Spain

004 11:00–11:30

The value of bronchoalveolar lavage in the diagnosis of interstitial lung disease

Izidor Kern, Slovenia

005 11:30–12:00

WHO 2023: update on lung cancer

Sabina Berezowska, Switzerland

SY-21	Symposium
08:30–12:00	Spadolini 7
Trainees	
Colours, frames and pixels: what stories has pathology to narrate?	
Chairs: Alexandra Vilaia, Romania	
Christos Poullos, Belgium	

001 08:30–08:55

Oh, muse help me tell the story of the multipotent slide

Christos Poullos, Belgium

002 08:55–09:30

Do you see a pattern here?

Arnaud De La Fouchardière, France

003 10:30–10:50

Reel vs. real: pathology as a storytelling element

Pui Yuen Lee, The Netherlands

004 10:50–11:10

Beauty and the beast: artistic representations of diseases through the eye of the pathologists

Maria Lambropoulou, Greece

005 11:10–11:30

Biohacking modern Art

Alexandra Vilaia, Romania

006 11:30–12:00

Do robots dream of electric sheep?

Balazs Acs, Sweden

SY-22	Symposium
08:30–12:00	Volta
Infectious Diseases Pathology	
A holistic perspective of the infectious disease risk for the practising pathologist	
Chairs: Ana Mataic, Croatia	
Gregor Gorkiewicz, Austria	

001 08:30–09:00

Survey of infectious diseases risk for practicing pathologists – what we learned and what we can improve

Ana Mataic, Croatia

002 09:00–09:30

The possible infection transmission risks and their control for the practicing pathologist in the current era – a non-pathologist' ESGFOR view

Veroniek Saegeman, Belgium

003 10:30–11:00

Minimally invasive autopsy – a way to reduce a risk

Quique Bassat, Spain

004 11:00–11:20

Case 1

Sara Ajanovic Andelic, Spain

005 11:20–11:40

Case 2

Igor Schliemann, Sweden

006 11:40–12:00

Case 3

Gregor Gorkiewicz, Austria

SY-23	Symposium
08:30–12:00	Scherma
Pathology in Favour of Developing Countries	
Ophthalmic Pathology	
An eye out for developing countries	
Chairs: Giulia De Falco, United Kingdom	
Geeta Kashyap Vemuganti, India	

001 08:30–08:50

Retinoblastoma diagnosis and therapy in developing countries

Ido Didi Fabian, Israel

002 08:50–09:10
Squamous cell carcinoma of the conjunctiva and HPV in AIDS patients
Anne Ampaire Musika, Uganda

003 09:10–09:30
Sebaceous carcinoma in the Asian population
Geeta Kashyap Vemuganti, India

004 10:30–10:40
Giordano fellowship in ophthalmic pathology
Nuno Jorge Lamas, Portugal

005 10:40–10:50
ESP Advanced Training Centres (ESP-ATCs) for ophthalmic pathology
Robert M. Verdjik, The Netherlands

006 10:50–11:10
Infectious diseases of the eye and ocular adnexa

007 11:10–11:30
Which techniques are commonly feasible to make the diagnosis in the low income setting?
Karima Mrad, Tunisia

008 11:30–12:00
Discussion/Q&A
Giulia De Falco, United Kingdom

GA-01 **Special Session**
12:00–13:30 **Spadolini 4**
ESP General Assembly 

BPS-09 **Best Poster Session**
13:15–13:45 **E-Poster Terminal 1**
Spadolini Upper Floor
Digestive Diseases Pathology – GI
Chair: Stefano La Rosa, Italy

BPS-10 **Best Poster Session**
13:15–13:45 **E-Poster Terminal 2**
Spadolini Upper Floor
Digital and Computational Pathology
Chair: Norman Zerbe, Germany

BPS-11 **Best Poster Session**
13:15–13:45 **E-Poster Terminal 3**
Spadolini Upper Floor
Head and Neck Pathology
Chair: Silvana Di Palma, United Kingdom

BPS-12 **Best Poster Session**
13:15–13:45 **E-Poster Terminal 4**
Spadolini Upper Floor
Molecular Pathology
Chair: Nicolas Piton, France

SC-24 **Short Course**
14:00–16:00 **Cavaniglia**
Digestive Diseases Pathology – GI
Immune disorders in the GI tract
Chairs: Rhonda Yantiss, USA
Shaun Walsh, United Kingdom

001 14:00–14:24
The role of immune cells in inflammatory bowel disease
Aart Mookhoek, Switzerland

002 14:24–14:48
Sexually transmitted diseases and HIV involving the GI tract
Erika Hissong, USA

003 14:48–15:12
IgG4 disease and the digestive system
Yoh Zen, United Kingdom

004 15:12–15:36
Congenital immune disorders and the GI tract
Paula Borralho-Nunes, Portugal

005 15:36–16:00
Transplantation and immunosuppression: GI tract effects
Adrian Bateman, United Kingdom

SS-11	Slide Seminar
14:00–16:00	Spadolini 2
Uropathology	
Premalignant lesions and putative precursor of GU tumours	
Chairs: Gabriella Nesi, Italy Kvetoslava Michalova, Czech Republic	

001 14:00–14:20

Case 1

Guido Martignoni, Italy**002** 14:20–14:40

Case 2

Antonio Lopez Beltran, Spain**003** 14:40–15:00

Case 3

Santosh Menon, India**004** 15:00–15:20

Case 4

Felix Bremmer, Germany**005** 15:20–15:40

Case 5

Alessia Cimadamore, Italy**006** 15:40–16:00

Discussion/Q&A

Gabriella Nesi, Italy

SC-25	Short Course
14:00–16:00	Spadolini 3
Thymic and Mediastinal Pathology	
An update on thymic epithelial tumours	
Chairs: Philipp Ströbel, Germany Andre Moreira, USA	

001 14:00–14:14

The 9th TNM: opportunities and potential challenges in thymic epithelial tumours

Paraskevas Lyberis, Italy**002** 14:14–14:28

Thymoma-associated myasthenia: recent developments

Maria Isabel Da Silva Leite, United Kingdom**003** 14:28–14:42

Micronodular thymoma and micronodular thymic carcinoma: two distinct entities or a continuum of diseases?

Wadad Mneimneh, USA**004** 14:42–14:56

Recent developments in ancillary testing of prevascular mediastinal lesions

Philipp Ströbel, Germany**005** 14:56–15:10

Predictive molecular alterations in thymic epithelial tumours

Nicolas Girard, France**006** 15:10–15:24

AI in thymic epithelial tumours – presence and future

Jan von der Thüsen, The Netherlands**007** 15:24–16:00

General discussion

Philipp Ströbel, Germany

SPEC-08	Special Session
14:00–16:00	Spadolini 4
Joint Special Session ESP & National Societies: Is digital pathology going to save us?	
Chairs: Jean-Christophe Sabourin, France Eugenia Colon, Sweden	

001 14:00–14:10

What progress has been made in digitalization of pathology laboratories in Europe

Jean-Christophe Sabourin, France**002** 14:10–14:20

Current status on digitalization of pathology laboratories within Europe

Radu Pirlog, Romania**003** 14:20–14:40

5 years of digital pathology: feedback from the Unilabs laboratory in Stockholm

Eugenia Colon, Sweden**004** 14:40–14:50

How digital pathology is going to change pathology training for residents

Ursa Maierhofer, Norway**005** 14:50–15:00

How artificial intelligence is helping us: example of the application in prostate

Andrea Farkas, Sweden**006** 15:00–15:20

How AI will help us: detection by AI of the MSI status in colorectal cancers

Magali Svrcek, France

007 15:20–15:40
How AI will save us tomorrow: development of AI algorithms in pathology
Johan Hartman, Sweden

008 15:40–16:00
Discussion/Q&A
Jean-Christophe Sabourin, France

VM-02

Videomicroscopy

14:00–16:00

Spadolini 5

Pulmonary Pathology
Pathology in Favour of Developing Countries
Diagnosing lung pathology on conventional histology and cytological smears – how far can you get, and where are the limits?
Chairs: Izidor Kern, Slovenia
Emilian Olteanu, Romania
Shahid Pervez, Pakistan

001 14:00–14:24
Case 1
Igor Schliemann, Sweden

002 14:24–14:48
Case 2
Shahin Sayed, Kenya

003 14:48–15:12
Case 3
Henry Tazelaar, USA

004 15:12–15:36
Case 4
Marianne Engels, Germany

005 15:36–16:00
Case 5
Katharina Wassilew, United Kingdom

SS-12

Slide Seminar

14:00–16:00

Spadolini 6

Cytopathology
Salivary gland neoplasms: a practical approach in the framework of the Milan System including ancillary testing
Chairs: Giancarlo Troncone, Italy
Danijela Vrdoljak-Mozetic, Croatia

001 14:00–14:15
Case 1
Esther Diana Rossi, Italy

002 14:15–14:30
Case 2
Caterina de Luca, Italy

003 14:30–14:45
Case 3
Cornelia Amalinei, Romania

004 14:45–15:00
Case 4
Stefano Ceola, Italy

005 15:00–15:15
Case 5
Ivana Kholova, Finland

006 15:15–15:30
Case 6
Immacolata Cozzolino, Italy

007 15:30–15:45
Case 7
Meenakshi Rao, India

008 15:45–16:00
Case 8
Maria Sevastiadou, Greece

GA-02

Special Session

14:00–16:00

Spadolini 7

General Assembly of the Trainee Subcommittee 

SY-24

Symposium

14:00–16:00

Volta

Infectious Diseases Pathology
Autopsy Pathology
History of Pathology
When should we determine the causative infectious agent in autopsies? A medical, legal and historical perspective
Chairs: Cristina Basso, Italy
Rupert Langer, Austria

001 14:00–14:20
Historical perspectives of infectious diseases in autopsies
Rosa Helena Henriques De Gouveia, Portugal

002 14:20–14:40

Method of sampling, reliability and interpretation of post mortem bacteriology examination: recommendations from the ESGFOR

Amparo Fernandez Rodriguez, Spain

003 14:40–15:00

Microbes in clinical and forensic postmortem analysis

Bela Kubat, The Netherlands

004 15:00–15:15

Interesting case of a patient primarily diagnosed with lymphoma to end up with more than one infectious pathogen leading to his demise

Mateuz Michalski, Poland

005 15:15–15:30

An unusual bronchial bleeding

Gregor Vlacic, Slovenia

006 15:30–15:45

Measles and co. – extinct or on the rise?

Rupert Langer, Austria

007 15:45–16:00

Molecular biological detection of parasites in pathology samples

Sven Poppert, Germany

SS-13**Slide Seminar****14:00–16:00****Scherna**

Ophthalmic Pathology

The orbital biopsy: can you make the diagnosis?

Chairs: Carme Dinarès I Fernández, Spain

Luis Alfaro, Spain

001 14:00–14:15

Case 1

Jolique Van Ipenburg, The Netherlands

002 14:15–14:30

Case 2

Luis Alfaro, Spain

003 14:30–14:45

Case 3

Nuno Jorge Lamas, Portugal

004 14:45–15:00

Case 4

Luciane Dreher-Irion, United Kingdom

005 15:00–15:15

Case 5

Geeta Kashyap Vemuganti, India

006 15:15–15:30

Case 6

Robert M. Verdijk, The Netherlands

007 15:30–15:45

Case 7

Fiona Roberts, United Kingdom

008 15:45–16:00

Case 8

Carme Dinarès I Fernández, Spain

BPS-13**Best Poster Session****16:00–16:30****E-Poster Terminal 1**

Spadolini Upper Floor

Soft Tissue and Bone Pathology

Chair: Michael Michal, Czech Republic

BPS-14**Best Poster Session****16:00–16:30****E-Poster Terminal 2**

Spadolini Upper Floor

Pulmonary Pathology

Chair: Marius Illié, France

BPS-15**Best Poster Session****16:00–16:30****E-Poster Terminal 3**

Spadolini Upper Floor

Urothology

Chair: Gabriella Nesi, Italy

BPS-16**Joint Best Poster Session****16:00–16:30****E-Poster Terminal 4**

Spadolini Upper Floor

History of Pathology

Thymic and Mediastinal Pathology

Electron Microscopy

Chair: Jacek Gulczynski, Poland



KNL-04 **Keynote Lecture**

16:30–17:15 **Cavaniglia**
Chairs: Aleš Ryška, Czech Republic
Maria Rosaria Raspollini, Italy

Juan Rosai Lecture: Phenotype versus Genotype: What matters most?
Abbas Agaimy, Germany

CC-01 **Special Session**

17:15–18:00 **Cavaniglia**
Closing Ceremony
Chairs: Peter Schirmacher, Germany
Gabriella Nesi, Italy

ESP General Assembly

Wednesday, 11 September 2024

12:00 – 13:30 · Spadolini 4

Virtual
and
On-Site

► Computational Symposium (CP)

... is included in the registration fee for participants with a full congress registration.

There is no need to register additionally for the Symposium.

Sunday, 8 September 2024

CP-01	Computational Symposium
08:30–12:00	Spadolini 2
The promise of computational pathology	
Chairs: Darren Treanor, United Kingdom	
Inti Zlobec, Switzerland	

- 001 08:30–09:00
Multimodal AI for pathology
Faisal Mahmood, USA
- 002 09:00–09:30
Large-scale validation of AI-assisted mitosis counting in breast cancer
Leslie Tessier, The Netherlands
- 003 10:30–11:00
AI for prediction of malignant transformation of oral dysplasia
Ali Khurram, United Kingdom

- 004 11:00–11:15
Pros and cons of digital pathology in nephropathology based on the experience of 220 cases
Fadime Gül Salman, Turkey
S. M. Ünü
- 005 11:15–11:30
The re-stAIIn algorithm: development and validation of an artificial-intelligence based tool for slides synthetic restaining
Alessandro Gambella, Italy
N. Michielli, L. Salamone, A. Mogetta, L. Molinaro, M. Papotti, F. Molinari, M. Salvi
- 006 11:30–11:45
From AI development to clinical implementation: prospective deep learning-assisted lymph node screening for colorectal cancer patients
Abdul Latif Khan, Saudi Arabia
S. Reinhard, A. Perren, B. Dislich, I. Zlobec

- 007 11:45–12:00
ODYN: an artificial intelligence-based pipeline for the prediction of malignant transformation in oral epithelial dysplasia
Adam Shephard, United Kingdom
H. Mahmood, S. Raza, A. Khurram, N. Rajpoot

CP-02	Computational Symposium
14:45–16:45	Spadolini 2
Recent developments and validation	
Chairs: Jeroen Van Der Laak, The Netherlands	
Antonio Polonia, Portugal	

- 001 14:45–15:15
Vision-language models for pathology
Matthew G. Hanna, USA
- 002 15:15–15:45
Validation of digital pathology
Bethany Williams, United Kingdom
- 003 15:45–16:00
Molecular classification of endometrial cancer from H&E stained slide images using supervised deep learning: a proof of concept
Fabiana Inés Aguirre Neira, Spain
V. E. Rodriguez, Á. A. Legoburu, A. R. Llanos, R. Carrera Salas, O. Jiménez Bolancé, J. C. Ferreres Piñas, I. Costa Trachsel

- 004 16:00–16:15
Deep learning-aided molecular subtyping of pulmonary large cell neuroendocrine carcinoma in small hematoxylin and eosin-stained tissues
Teodora-Elena Trandafir, The Netherlands
F. Heijboer, F. Akram, J. Derks, Y. Li, E.-J. Speel, A. Stubbs, A.-M. Dingemans, J. von der Thüsen
- 005 16:15–16:30
Anti-tumour activity of eosinophils and intraepithelial lymphocytes in colorectal cancer: a two-pronged approach
Elias Baumann, Switzerland
P. Krebs, A. Perren, R. Kirsch, M. D. Berger, I. D. Nagtegaal, I. Zlobec

- 006 16:30–16:45
Deep learning predicts the effect of neo-adjuvant chemotherapy for patients with triple negative breast cancer
Bart Sturm, The Netherlands
P. Lock, D. Kumar, J. Westerga, W. Blokx, J. van der Laak

CP-03 Computational Symposium**17:15–19:15 Spadolini 2****Next frontiers of computational pathology***Chair: Nasir Rajpoot, United Kingdom***001 17:15–17:45**

Biases, confounders and causality for deep learning in computational pathology

Fayyaz ul Amir Afsar Minhas, United Kingdom**002 17:45–18:00**

Update on the AI taskforce

Bethany Williams, United Kingdom**003 18:00–18:15**

Update from the DCP Working Group

Inti Zlobec, Switzerland**004 18:15–19:15**

Panel Discussion: “AI for pathology: hopes and fears”

Nasir Rajpoot, United Kingdom

i

Poster Exhibition

Sunday, 8 Sept – Wednesday, 11 Sept
at Spadolini Pavilion (Upper Floor)

Poster sessions offer an effective forum for the exchange of information and a means to communicate ideas, research and programmes.

Virtual
and
On-Site

► Symposium on Molecular Pathology Diagnostics and Translational Research (MD)

... is included in the registration fee for participants with a full congress registration.

There is no need to register additionally for the Symposium.

► Monday, 9 September 2024

MD-01	MD Symposium
08:30–09:30	Spadolini 5
European Master Molecular Pathology (EMMP) – Project presentations	
Chairs: <i>Sabine Merkelbach-Bruse, Germany</i> <i>Carina Heydt, Germany</i>	

- 001 08:30–08:40
Introduction
Marius Ilić, France
- 002 08:40–08:50
Input of the molecular pathology in the diagnosis and clinical management of lymphoma patients
Radu Pirlog, Romania
- 003 08:50–09:00
Bridging molecular pathology theory to clinical mastery: a beginner’s guide through the pathologist’s lens
Ursa Maierhofer, Norway
- 004 09:00–09:10
Molecular analysis of undifferentiated small cell brain tumours in young adults and colonic adenocarcinoma associating TILs
Robert Alexandru Barna, Romania
- 005 09:10–09:20
Our experience with the EMMP internship at the Institute of pathology and neuro-pathology in Tübingen
Martina Bosic, Serbia
- 006 09:20–09:30
Artificial intelligence (AI) in pathology daily routine: verification of AI performance & understanding of the human-machine interaction
Antonia Syrnioti, Greece

MD-02	MD Symposium
10:30–12:00	Spadolini 5
Data evaluation and variant interpretation	
Chairs: <i>Johan Botling, Sweden</i> <i>Carina Heydt, Germany</i>	

- 001 10:30–10:48
Cancer genome interpreter: identifying the drivers of cancer to improve genomic interpretation
Santiago Demajo, Spain
- 002 10:48–11:06
Standards for the classification of pathogenicity of somatic variants in cancer (oncogenicity): Joint recommendations of Clinical Genome Resource (ClinGen), Cancer Genomics Consortium (CGC), and Variant Interpretation for Cancer Consortium (VICC)
Peter Horak, Germany
- 003 11:06–11:24
A new set of in silico tools to support the interpretation of ATM missense variants using graphical analysis
Luz-Marina Porras, USA
- 004 11:24–11:42
Leveraging large language models for decision support in personalised oncology
Manuela Benary, Germany
- 005 11:42–12:00
A systematic analysis of deep learning in genomics and histopathology for precision oncology
Jakob Kather, Germany

MD-03	MD Symposium	MD-04	MD Symposium
14:45–16:45	Spadolini 5	17:15–19:15	Spadolini 5
Advances in new technologies		Update on gynaecological tumours	
<i>Chairs: Erik Jan Dubbink, The Netherlands</i>		<i>Chairs: Caterina Marchiò, Italy</i>	
<i>Udo Siebolts, Germany</i>		<i>Matthias Matter, Switzerland</i>	
001 14:45–15:05		001 17:15–17:35	
Possibilities and challenges of multi-marker EQA schemes for NGS/CGP: outcomes of the first pilot EQA		A new era in breast cancer molecular profiling: liquid biopsies for ESR1 mutation detection and beyond	
<i>Katharina Ilm, Germany</i>		<i>Lorenzo Gerratana, Italy</i>	
002 15:05–15:25		002 17:35–17:55	
WGS tumour diagnostics in routine pathology practice		Testing for ESR1 mutations from liquid biopsy	
<i>Michaël Noë, The Netherlands</i>		<i>Sabine Merkelbach-Bruse, Germany</i>	
003 15:25–15:45		003 17:55–18:15	
Ultra-fast deep-learned CNS tumour classification during surgery		The ADC revolution in breast cancer: clinical aspects and possible impacts for pathologists	
<i>Carlo Vermeulen, The Netherlands</i>		<i>Carmen Criscitiello, Italy</i>	
004 15:45–16:05		004 18:15–18:35	
Rapid-CNS2: rapid comprehensive adaptive nanopore-sequencing of CNS tumours, a proof-of-concept study		Chromosomal instability as a biomarker for prognosis and therapy response	
<i>Felix Sahn, Germany</i>		<i>Geoff Macintyre, Spain</i>	
005 16:05–16:25		005 18:35–18:55	
Sensitive methods to detect ctDNA and MRD in patients with solid tumours		Shallow whole genome sequencing for HRD detection	
<i>Amit Roshan, United Kingdom</i>		<i>Marc-Henri Stern, France</i>	
006 16:25–16:45		006 18:55–19:15	
Monitoring disease burden and treatment response in solid tumours by ultrasensitive sequencing in liquid biopsies		Real life molecular diagnostics in gynaecological tumours	
<i>Anders Ståhlberg, Sweden</i>		<i>Caterina Marchiò, Italy</i>	

► Poster Sessions

PS-01 – PS-07
Sunday, 8 September 2024

PS-08 – PS-16
Monday, 9 September 2024

PS-17 – PS-21
Tuesday, 10 September 2024

PS-22 – PS-27
Wednesday, 11 September 2024

All poster presenters were invited to upload their posters as E-Posters. All uploaded E-Posters can be searched for and viewed electronically on the E-Poster Terminals from Sunday, 8 to Wednesday, 11 September 2024.

► Sunday, 8 September 2024

PS-01	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Autopsy Pathology	
Chair: Emilian Olteanu , Romania	

- 001**
Anatomical spectrum of VACTERLS association: a multi-case pathological analysis
Maria Augusta Abad Vintimilla, Spain
S. Quinones, P. Voinescu, R. Regajo
- 002**
Attitude towards autopsy in Oman
Sara Al Harthi, Oman
J. Al Habsi
- 003**
Exploring tumour evolution in advanced colorectal cancer: comprehensive genomic profiling integrating tissue and liquid biopsy insights in a research autopsy case
Sebastian Dintner, Germany
L. Siebenhüter, R. Ihringer, E. Sipos, S. Eser, A. Probst, T. Kröncke, B. Märkl

- 004**
Spleen inflammatory response to lethal respiratory viral infection - a comparison between AH1N1 and COVID-19
Georgiana Amelia Dumbrava, Romania
S. Zurac, A. Vilaia, C. Dumitru, C. Popp

- 005**
Skeletal dysplasia: ultrasound, macroscopic, radiological, and genetic findings
Katherine Goncalves Villarreal, Spain
E. Oliva Domínguez, I. Garcia Miranda, I. Orbegozo Arizabalaga, M. Ramírez Feliz, J. Iparraguirre Santiago, A. del Campo Real, I. Llano Rivas, L. Zaldumbide Dueñas, L. Mosteiro Gonzalez

- 006**
Causes of death among patients who died within 24 hours of hospital admission: an autopsy study
Miloš Đuknić, Serbia
R. Jankovic, M. Jovanović, J. Jevtić, D. Gujančić, S. Glumac

- 007**
Non-traumatic haemorrhages in the brain and its membranes in infants
Bokhodir Magrupov, Uzbekistan
V. Kochetov

- 008**
Autopsies performed in the period 2020-2022 in a secondary care hospital: impact of the pandemic over clinical-pathological discordances
Yaiza Rey Fanjul, Spain
A. Licetti Bermúdez, E. Mateo Álvarez, C. Grau Polo, D. Rodríguez Villar, P. Gonzalvo Rodríguez, J. Cuevas Fernández, E. Asensi Miranda, R. Rodríguez Aguilar

- 009**
Postmortem ultrasound cerebellar measurements in the evaluation of gestational age. Innovative use of postmortem ultrasound cerebellar measurements for estimating gestational age in perinatal deaths: an observational cross-sectional study
Leonardo Antonio Rojo Muchacho, Spain
N. Peñuelas, L. Marimon, N. Carreras, G. Arca, J. Ordi, N. Rakislova

- 010**
Clinical and morphological aspects of SARS-CoV-2 induced endotheliopathy in “gas” and haemorrhagic complications
Vsevolod Zinserling, Russia
N. Semenova, D. Gusev, K. Medvedev, N. Kokhanenko, K. Borta

PS-02	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Breast Pathology	
Chairs: Anikó Kovács , Sweden Alicia Córdoba , Spain	

- 001**
Multidisciplinary approach in stratifying risk of upgrade and tailoring management in ADH patients
Constance Albarracin, USA
I. Bedrosian, H. Chen, Y. Wu

002

Her2-low breast cancer: prevalence rate and scoring concordance among pathologists

Ghadah Al-Jussani, *United Kingdom*

A. Salem, Y. Mullahuwash, F. Alsamarat, D. Abuquteish, M. A. Sughayer

003

PD-L1 expression and presence of ICs in HER2-positive breast carcinoma before and after neoadjuvant treatment

Milica Bogosavljevic, *Serbia*

T. Ivkovic Kapic, T. Vasiljevic, N. Stanulovic

004

Tumour-stroma ratio in breast carcinoma is an easily applicable feature and it is associated with prognosis

Asya Tugçe Bol, *Turkey*

J. Noury Rad Davaji, B. Dursun, S. Dizbay Sak

005

Understanding metastatic breast cancer: a 10-year retrospective study

Robert Alexandru Barna, *Romania*

A. Chelu, B. Nataras, M. Iacob, D. Anderco, C. Suciu, C. Lazureanu, A. Muresan, M. Cornianu, S. Taban, A. Dema

006

The significance of the androgen receptor in triple-negative breast cancer: to be or not to be

Mariana Bianca Chifu, *Romania*

I. Caruntu, S. Giuscă, B. Gafton, C. Terinte, A. Timofte, C. Amalinei, I. Prutianu

010

Amplicon 8p11.2-p12-based prediction of survival in breast cancer patients – is FGFR1 the driver gene?

Ramona Erber, *Germany*

M. Carta, P. Fasching, M. Press, M. Beckmann, C. Hack, A. Hartmann, F. Ferrazzi, P. Gass, M. Rübner

011

Changes in breast cancer grade from biopsy to excision following surgery or primary chemotherapy

Adam Ferenczi, *Hungary*

G. Cserni

012

Impact of COVID-19 restrictions in breast cancer staging and prognosis at diagnosis

Leticia Gallego, *Ireland*

N. Shah

013

Assessment of RNA quality following extraction from FFPE using various protocols compatible with the APIS breast cancer subtyping kit

Anna Gasior, *United Kingdom*

J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf

014

Assessment of the dynamic range and quantitative potential of ER, PR, HER2 and Ki67 gene expression by RT-qPCR

Anna Gasior, *United Kingdom*

J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf

015

Measuring ESR1 mutations in liquid biopsy and FFPE breast tissue using qPCR

Anna Gasior, *United Kingdom*

J. Gorniak, R. Nana, A. Read, L. Astley, K. Howard, C. Hoy, C. Whitfield

016

DDR2 expression in breast cancer is associated with blood vessel invasion, basal-like tumours, tumour associated macrophages, regulatory T cells, detection mode and prognosis

Tor Audun Klingen, *Norway*

Y. Chen, H. Aas, L. Akslen

017

Ring trial of evaluation of HER2 in breast cancer in Greece with emphasis on HER2-low status

Eleni (Helen) Kourea, *Greece*

S. Logotheti, O. Tzaida, T. Koletsas, P. Xirou, E. Eleftheriadis, V. Nikolopoulos, A. Nonni

018

A threefold evaluation of HER2low status of advanced breast carcinomas in core biopsies, matching surgical specimens and their distant metastases. A retrospective study of 47 patients using conventional microscopy, digital pathology and AI

Anikó Kovács, Sweden

L. Klint, S. Janeva, K. Helou, P. Karlsson, R. Pedrosa, D. Kumar, T. Parris

019

Assessment of human epididymis protein 4 expression in ductal carcinoma in situ of the breast

Ji Shin Lee, Republic of Korea

N. Kim, M. Park

020

Lymph node micrometastases and ITCs accurate detection after neoadjuvant therapy of breast cancer based on deep learning artificial intelligence

Yueping Liu, China

Y. Ding, J. Yu, J. Shang, J. Li, S. Wu, X. Liu, J. Li

021

Comparative analysis of hormone receptor and Ki76 expression changes in luminal breast carcinoma following perioperative hormonal treatment

Lucía Martínez Gauffin, Spain

Y. Montoyo Pujol, S. Delgado García, H. Ballester, T. Martin Bayona, J. Ponce Lorenzo, V. Menor Vila, S. Shalygina, L. Gracia Sáenz, E. Castellón Mollà, G. Peiró Cabrera

022

HHLA2 and TMIGD2 gene expression in breast carcinoma: correlation with clinicopathological factors and prognostic value

Yoel Genaro Montoyo Pujol, Spain

A. Llopis-Gómez, D. Manresa-Corbalán, A. Garzón-Arana, T. Martin Bayona, S. Delgado García, H. Ballester, J. Ponce Lorenzo, E. Castellón Mollà, G. Peiró Cabrera

023

A higher CD4/CD8 ratio in stromal tumour-infiltrating lymphocytes (TILs) of locally advanced breast cancer is associated with triple-negative biology and a higher-risk ER+HER2- disease

Martina Murkovic, Croatia

A. Car Peterko, A. Savić Vuković, K. Rajković-Molek, E. Babarović, M. Avirović

024

Post-neoadjuvant changes in immunohistochemical biomarkers in breast cancer

Victoria Silvia Recalde, Argentina

M. Saez Perrotta, M. Iriarte, C. Allemand, P. De la Iglesia Niveyro, A. Wernicke

025

FOXCl immunohistochemistry accurately predicts basal/non-basal molecular subtype status and differential efficacy of adjuvant capecitabine in early triple-negative breast cancer: results from the GEICAM/2003-11_CIBOMA/2004-01 trial

Federico Rojo, Spain

C. Taylor, C. Barrios, L. Torrecillas, S. Perez-Buira, M. Ruiz-Borrego, J. Bines, J. GM Segalla, A. Guerrero-Zotano, J. Herranz, R. Rincon, R. Caballero, B. Bermejo, P. S Ray, M. Martin

026

Training and evaluation of an AI-assisted HER2 scoring in breast carcinoma-stained whole-slide images

Yahia Salhi, France

B. Cormier, C. Bossard, F. Thomas, B. Poulet, E. Guinaudeau, L. Lambros, C. Ilham, F. Jossic, I. de Pinieux, S. Thanguturi, S. Salhi, J. Chetritt

027

Artificial intelligence predicts survival outcome of breast carcinomas on whole-slide histopathology images

Yahia Salhi, France

J. Rynkiewicz, J. Paul, C. Bossard, S. Salhi, J. Chetritt

028

Comparison of lower limit of detection of HER2 epitope with two commercially available HER2 IHC assays using an Immunohistochemistry staining calibrator tool

Ghislain Nounsí, USA

F. Aidt, K. Salomon, K. Hjort, D. Varma, G. Nounsí

029

Evaluation of diagnostic performance and clinical utility of cleo breast in breast pathology diagnosis

Marie Sockeel, France

B. Pommier, S. Sockeel, R. Peyret, C. Simmat, N. Pozin, S. Prevot, A. Maran-Gonzalez, G. Mac Grogan, A. Vincent-Salomon

030

Comprehensive characterization of invasive mammary carcinoma with lobular features: integrating morphology and E-cadherin immunochemistry pattern

You-Na Sung, Republic of Korea

T. Jeon, W. Oh, J. Oh, J. Ahn, A. Kim

031

TRPS1 in breast cancer: a comparative study of five different IHC assays

Birgit Truumees, Denmark

M. Korsdal Stensballe, R. Røge, S. Nielsen

032

Multicentre study on distribution of HER2 scores using HercepTest™ mAb pharmDx (Dako Omnis)

Deepam Varma, Denmark

K. Knudsen

033

Hormone receptor-positive early-stage breast carcinomas are enriched in HER2-low phenotype and low levels of tumour-infiltrating lymphocytes

Semir Vranic, Qatar

F. Skenderi, I. Rose, Z. Gatalica

034

Risk of upgrade of ADH detected by core needle biopsy of the breast

Yun Wu, USA

C. Albarracin, H. Le-Petross, N. Sneige, I. Bedrosian

PS-03

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Dermatopathology

Chair: Eleni Ieremia, United Kingdom

001

Predictive factors of lymph node involvement in cutaneous squamous cell carcinoma

Wiem Ben Makhoul, Tunisia

N. Boujelbene, I. Zemni, A. Khemir, R. Aissa, I. Abbes, G. Sahraoui, R. Doghri, L. Charfi, K. Mrad

002

Acral melanoma: a Singapore story

Inny Busmanis, Singapore

003

Clinicopathological evaluation of granuloma annulare: study of a tertiary centre

Emine Cescmecioğlu Karavin, Turkey

İ. Hotmanoğlu Şahin, M. Oğraş, A. Yücelten, L. Cinel

004

Cutaneous involvement in multiple myeloma: clinicopathologic findings in a series of 16 cases

Andreina Stefania De Oliveira Gomes, Spain

A. Pasco Peña, L. Ruíz Estigarribia, M. García Martos, Á. Panizo Santos

005

PRAME (Preferentially Expressed Antigen In Melanoma) immune expression In malign, borderline and benign melanocytic lesions

Erhan Ekren, Turkey

F. Aker

006

Sebaceous carcinoma of the skin: gap maps of research evidence cited in the WHO Classification of Tumours 5th edition and of available relevant published evidence: an exploratory comparative study

Gabrielle Goldman, France

N. Myles, C. Giesen, R. Cierco Jimenez, A. Machado, R. Colling, F. Campbell, T. Lee, I. Cree, D. Lokuhetty, W. EVI MAP group

PS-03
PS-04

Sunday 8 Sept

007

Merkel cell carcinoma of the skin: an exploratory comparative study of gap maps of research evidence cited in the WHO Classification of Tumours 5th edition, and of available relevant published evidence
Gabrielle Goldman, France
N. Myles, C. Giesen, R. Cierco Jimenez, A. Machado, R. Colling, F. Campbell, T. Lee, I. Cree, D. Lokuhetty, W. EVI MAP group

009

Cutaneous adverse drug reactions
Djurdjina Petrović, Serbia
I. Petrovic, K. Kundovic, J. Stojković Filipović, E. Manojlović Gačić, M. Bosić, D. Škiljević, N. Delić, M. Mijuskovic, B. Lekić, S. Minić, M. Gajic Veljic, V. Reljić, D. Zivanovic, J. Perić

010

Annular lichenoid dermatitis of youth: a series of seven cases
Damlanur Sakiz, Turkey
G. Öztürk, Z. Topkarcı

011

Is it always lupus? A clinicopathological correlation
Eva Paola Sánchez López, Spain
M. Abad, G. Escuer-Albero, S. Quinones, E. Ruiz-Bravo, M. Beato

012

Acral lentiginous melanoma: a clinicopathologic and genetic study of BRAF status among Tunisian patients
Yacoub Sarra, Tunisia
H. El Mabrouk, A. Ben Abdelkader, N. Ghariani, I. Bahri, W. Mokni, T. Tlili, B. Sriha, M. Denguezli, D. Hmida

013

Real-life experience with Next Generation Sequencing (NGS) in cutaneous melanocytic lesions
Victoria Colinet, Belgium
V. Siozopoulou, A. Pouliakis, L. Marot, A. Dekairelle, A. De Roo, E. Harkemanne, L. Secco

014

Microscopic width of invasion is an independent prognostic factor in cutaneous melanomas
Dana Tapoi, Romania
A. Ciongariu, A. Dumitru, M. Costache

015

Evaluation of histopathological findings of hidradenitis suppurativa lesions and their relationship with the disease course: one centre study
Melike Urganci, Turkey
Y. Edek, S. Şahin, B. Öğüt, Ö. Erdem, E. Adışen

PS-04	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Digestive Diseases Pathology – Liver/Pancreas	
Chairs: Christine Sempoux, Switzerland Venancio Alves, Brazil	

001

Standardization of terminology, definition, pathologic evaluation and reporting of ampullary cancers: recommendations of “PeriPan” multidisciplinary international group
Volkan Adsay, Turkey
B. Uijterwijk, C. Verbeke

002

Hepatic small vessels neoplasms: a heterogeneous morphological entity
Aurélien Beaufrère, France
A. Laurent-Bellue, A. Lemoine, A. Bourillon, V. Vilgrain, M. Lewin, C. Guettier, V. Paradis

003

Dysregulated TGF/BMP signalling and tumour budding in pancreatic ductal adenocarcinoma
Konstantin Bräutigam, United Kingdom
P. Zens, J. Rohrbach, S. April-Monn, J. Galván, A. Wenning, B. Gloor, V. Koelzer, M. Wartenberg

004

The application of standardized sampling protocols enhances assessment of clinicopathological features in pancreatoduodenectomy specimens
Mariana Simplicio Brito, Portugal
S. Silva, E. Campos, J. Lopes, M. de Almeida, H. Cristino, L. Graça, F. Carneiro, V. Adsay, I. Gullo

005

Analysis of tissue PSMA expression in hepatocellular carcinoma – compared to prostate adenocarcinoma – and correlation with PET with 68Ga-PSMA uptake

Michele Carroli, Italy

F. Giunchi, L. Vetrone, L. Cardisciani, M. Renzulli, A. D'Errico, A. Farolfi, F. Vasuri

006

Histological grading of the extent of residual tumour following neoadjuvant therapy in intrahepatic cholangiocarcinoma

Xiu Fen Chen, Singapore

G. Wu, R. Luo, Y. Koh, T. Lim, J. Zhou, J. Fan, K. Zhu, Q. Gao, R. Shi

008

Utility of metallothionein 1 (MT-1) as a histological biomarker of Wilson's disease

Carla Fuster Anglada, Spain

G. Caballero, C. Garcia-Solà, A. Soria, O. Bassegoda, A. Pocurull, X. Forns, I. Graupera, Z. Mariño, A. Díaz

009

Next-generation pathology insights on cholangioblastic cholangiocarcinoma cell of origin

Alessandro Gambella, Italy

L. Lesniak, A. Lesniak, M. El-Hag, J. Carpenter, A. Demetris

010

MTAP deficiency is highly homogenous in pancreatic cancer: a heterogeneity tissue microarray study

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, S. Steurer, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth

011

Differential expression of EpCAM in the spectrum of cholangiocarcinoma: correlation with pathological parameters, peritumoural immune cells and overall survival

Ioanna Maria Grypari, Greece

B. Goeppert, P. Schirmacher, S. Roessler

012

Clinicopathological characteristics of pancreatic polypeptide-producing neuroendocrine tumour

Kenichi Hirabayashi, Japan

T. Minamisaka, Y. Fukumura, Y. Naito, Y. Okubo, B. Miichi, T. Tajiri, N. Nakamura

013

Risk factors of lymph node metastasis and prognosis in 977 Chinese patients with submucosal early gastric carcinoma, emphasizing differences between gastric cardiac and non-cardiac origins

Qin Huang, USA

Y. Cheng, M. Du, Y. Wang, T. Li, C. He, X. Zhou, M. Lin

014

Single-cell atlas of pancreatic cancer reveals tumour heterogeneity and microenvironmental interactions

Mi Jang, Republic of Korea

E. Kim, J. Lee

015

Comprehensive immunohistochemical profiling of combined hepatocellular carcinoma and cholangiocarcinoma reveals distinct Notch signalling subgroups with prognostic significance

Seokhwi Kim, Republic of Korea

C. Yang, Y. Kim

016

The usefulness of liver biopsy in immune checkpoint inhibitor-induced liver injury diagnosis and management

Mina Komuta, Japan

R. Izai, S. Ogasawara, M. Sawada, S. Yumita, M. Nakagawa, R. Kojima, K. Koroki, H. Kanzaki, M. Inoue, M. Nakamura, N. Kanogawa, T. Kondo, S. Nakamoto, N. Kato

017

Different cancer-associated stroma in biliary tract tumour compared to pancreas cancer

Kyoungbun Lee, Republic of Korea

B. Yu

018

Homozygous V444A c.521T>C polymorphism of the ABCB11 gene implies architectural changes and bile duct loss in patients with adult-onset cryptogenic cholestasis

Deborah Malvi, Italy

E. Albertini, G. Vitale, A. Conti, S. Ferrari, M. Morelli, A. D'Errico, F. Vasuri

019

Single cell-level dissection of the tumour microenvironment of hepatocellular carcinoma

Salvatore Piscuoglio, Italy

A. Benjak, M. Coto-Llerena, O. Kollmar, D. Schnidrig, B. Durante, L. Di Tommaso, L. Terracciano, C. Ng

020

Hepatocellular carcinoma immune microenvironment analysis: a comprehensive assessment with computational and classical pathology

Salvatore Piscuoglio, Italy

C. Ercan, S. Renne, L. Di Tommaso, C. Ng, L. Terracciano

021

Spatial proteomic profiling of intraductal papillary mucinous neoplasms and associated carcinoma

Charlotte Rift, Denmark

R. Daucke, N. Bager, V. Petrosius, B. Kovacevic, S. Engelhardt, A. Toxværd, P. Vilmann, J. Hasselby, C. Hansen, E. Schoof, P. Klausen

022

Histologic predictors of response to atezolizumab and bevacizumab in hepatocellular carcinoma biopsies

Alexandre Sayadi, France

M. Bouattour, M. Dioguardi Burgio, M. Albuquerque, V. Paradis, A. Beaufrère

023

Proposal of a histologic grading system for hepatoblastoma to predict patients' prognosis

In Hye Song, Republic of Korea

S. Gang, B. Ahn, J. Namgoong, J. Kim

024

"The Third Pathway" to whipple grossing: duct-centric (sagittal) sectioning of the pancreas allows finer appreciation of origin and spatial distribution of tumours and anatomic variations

Nuray Tezcan, Turkey

D. Cengiz, R. Esmer, B. Aktas, A. Armutlu, B. Saka, O. Taskin, H. Kayim, E. Bozkurt, G. Tellioglu, O. Bilge, E. Alper, O. Basturk, B. Gurses, V. Adsay

025

Innovative integrated morpho-molecular approach (next-generation sequencing plus digital PCR) greatly enhances the diagnostic accuracy in malignant biliary strictures

Francesco Vasuri, Italy

E. Albertini, L. Miranda, T. Maloberti, S. Chillotti, D. Malvi, D. de Biase, A. D'Errico

026

Diagnosis of patients with fibrolamellar carcinoma: a Dutch nationwide study

Joanne Verheij, The Netherlands

A. Furumaya, A. Gumedé, J. de Vos-Geelen, J. Erdmann, B. Takkenberg, M. Doukas, V. Weeda

027

RNF43-mutations are associated with stronger antitumour immune responses and improved outcomes in pancreatic cancer

Eva Karamitopoulou-Diamantis, Switzerland

A. Wenning, P. Aeschbacher, B. Gloor, A. Perren

028

Clinicopathological and molecular characteristics of malignant hepatic angiomyolipoma

Youngun Yoo, Republic of Korea

H. Kang, I. Song

PS-05	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Endocrine Pathology	
<i>Chair: Marina Nikiforova, USA</i>	

001

Hyalinizing trabecular tumour of the thyroid: interest of GLIS3 immunohistochemical study to detect PAX8::GLIS3 rearrangement

Ziyad Alsugair, France

F. Descotes, J. Lopez, M. Decaussin-Petrucci

002

Tall cell papillary carcinoma as the most common histological subtype of the radioiodine refractory thyroid cancer

Mohamed Amine Bani, France

F. Pani, C. López Jiménez, L. Lamartina, J. Hadoux, D. Hartl, S. Moog, E. Baudin, A. Al Ghuzlan

003

PD-L1 expression and BRAF-TERTp signature in a continental cohort of anaplastic thyroid carcinoma

Andrey Bychkov, Japan

P. Gaddam, C. Jung, M. Hirokawa, T. Higashiyama, J. Hang, W. Lai, S. Keelawat, Z. Liu, H. Na, S. Satoh, Z. Mussazhanova, M. Nakashima, K. Kakudo, S. Agarwal

004

Ki67 proliferation index (PI) is not able to further stratify digestive grade 2 neuroendocrine tumours (NET G2)

Margherita D'arezzo, Italy

S. Fraticelli, A. Laffi, A. Bertuzzi, A. Lania, P. Spaggiari, S. Uccella

005

Subcentimetric papillary thyroid carcinomas: unraveling the role of location within the thyroid gland

Szasz Eموke Andrea, Romania

R. Catana, A. Nechifor-Boila, A. Borda

007

Can clinicopathological features predict poor prognosis in papillary thyroid carcinoma? Rethinking the importance of size.

Elsa Joy, India

T. Somanathan, A. Mathews, S. A, N. Abraham George, A. Mathew

008

Association of Pan-TRK immunohistochemistry expression with NTRK and other gene fusions in thyroid cancer

Chan Kwon Jung, Republic of Korea

J. Park, S. Jung, S. Kim, S. Jeon, Y. Chung

009

Immunohistochemical expression of ER, PR and AR in papillary thyroid carcinoma

Milka Kochoska, North Macedonia

T. Angelovska, V. Risteski, M. Bogdanovska-Todorovska, R. Jovanovic, S. Kostadinova-Kunovska

010

Subcentimeter papillary thyroid carcinoma: high-risk features and patient age

Bozidar Kovacevic, Serbia

B. Jovanović, D. Mikic, J. Karajovic, S. Cerović

011

International medullary thyroid cancer grading system: have you integrated it into your daily practice yet?

Lutfiye Dilsad Micoogullari, Turkey

D. Etit, A. Subasioglu, M. Haciyanli, B. Pamuk

012

Desmoplasia: is it an usual accompanier of medullary thyroid carcinoma or a significant prognostic parameter?

Lutfiye Dilsad Micoogullari, Turkey

D. Etit, A. Subasioglu, M. Haciyanli, B. Pamuk

013

Prognostic significance of Lin28A protein expression in papillary thyroid carcinoma

Damla Oflas, Turkey

E. Tekin, B. Badak, N. Kebapci, A. Akalin, M. Bilgin, E. Dündar

014

Clinicopathological features of high-grade follicular cell-derived non-anaplastic thyroid carcinomas: a single centre experience

Saverio Pancetti, Italy

A. Salvatore, M. Cieri, G. Mercante, A. Lania, S. Uccella

PS-05
PS-06
PS-07
Sunday, 8 Sept

015
Rapid evaluation of endocrine gland tissue by nonlinear microscopy
Xiaorong Sun, China
T. Weber, B. White, T. St Jacques, J. Fujimoto, S. Rosen

016
Neuroendocrine tumours of the lung: reconsideration of histopathological guidelines and classification
Ioannis Vamvakaris, Greece
G. Evangelou, G. Lolas, M. Anagnostopoyloy, T. Papastergiou, G. Liadakis, L. Jensen, K. Syrigos

017
Immunohistochemical evaluation of somatostatin receptor 2 (SSTR-2) expression in benign and malignant tumours of the thyroid gland
Kelly Vargas Osorio, Spain
E. Pérez-Béliz, A. Jiménez-Pérez, E. Díaz-López, U. Anido-Herranz, J. Cabezas-Agrícola, I. Abdulkader Nallib, V. Púbul-Nuñez, J. Cameselle-Teijeiro

PS-06 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session History of Pathology
Chair: Jacek Gulczynski, Poland

001
A series of aorta aneurysms in a historical pathology museum
Rosa Helena Henriques De Gouveia, Portugal
T. Ferreira, G. Nogueira Fontinha, V. Sousa, L. Carvalho

002
The contribution of palaeopathology in modern medicine through an interesting ancient case of a possible exogenous ochronosis
Despina Moissidou, Malta
E. Labajo, M. Sanchez, S. Havaki, P. Selemenakis, G. Kamel, B. Perea Perez

003
Museum of Anatomic Pathology - bringing the past into the future
Guilherme Nogueira Fontinha, Portugal
J. Pimentel, V. Almeida, L. Veloso, N. Sousa, J. Rocha, L. Bastião, L. Carvalho, V. Sousa

004
Soft tissue and bone tumours of the limbs – Museum of Anatomical Pathology
Guilherme Nogueira Fontinha, Portugal
R. Henriques De Gouveia, J. Pimentel, V. Almeida, M. Viseu, M. Reis Silva, A. Alarcao, M. Santos, T. Ferreira, V. Sousa, L. Carvalho

PS-07 **Poster Session**
09:30–10:30 **Poster Exhibition**
Poster Session Nephropathology
Chair: Petar Senjug, Croatia

001
C5b9 and other complement proteins are enriched in the glomerular amyloid deposits of patients with monoclonal amyloidosis: a study based on immunohistochemistry, immunofluorescence and mass spectrometry
Gakiopoulou Harikleia, Greece
J. Courraud, K. Palamaris, I. Theochari, A. Stofas, N. Alevizopoulos, E. Theodoropoulou, E. Psimenou, E. Kastiris

002
Glomerular CD68+ cells in transplant kidneys correlate with glomerulitis and predict poorer renal functions
Peir-In Liang, Taiwan
H. Chuang, T. Chen

003
The epigenetic enzyme DOT1L histone methyltransferase links oxidative stress, inflammation and fibrosis in diabetic kidney
Simona-Adriana Manea, Romania
M. Vlad, A. Lazar, A. Manea

004
Exploring the histological diversity of renal lesions in connective tissue disorders beyond lupus: a comprehensive analysis
Gowda Vinay Nagaraj, India
A. Nalwa, D. Gupta, A. Saxena, V. Vishwajeet, V. Verma, M. Chaturvedy, R. Jhorawat

005
A novel method for enhanced evaluation of lupus nephritis: utilizing Banff 2018 classification criteria
Maja Zivotic, Serbia
G. Nikolic, M. Pecic, A. Mijoljevic, D. Milivojevic, V. Brković, M. Baralić, M. Radović, S. Radojevic Skodric

► Monday, 9 September 2024

PS-08 **Poster Session****09:30–10:30** **Poster Exhibition****Poster Session Cardiovascular Pathology***Chair: Carla Giordano, Italy***001**

Myocardial ischemia reperfusion injury and autophagy: role of Galectin-3

Suhail Al-Salam, United Arab Emirates*S. Hashmi***002**

Cardiac amyloidosis: frequency and characterization in a large Swiss autopsy cohort

Albert Baschong, Switzerland*S. Ersözlü, H. Moch, Z. Varga, F. Ruschitzka, A. Flammer, C. Meier, U. Maccio***003**

Capillary density and lymphatic vessels in endomyocardial biopsies from patients with cardiac amyloidosis

Angela Pucci, Italy*V. Musetti, A. Aimò, L. Bonino, V. Castiglione, F. Greco, M. Rossetti, A. Celi, A. Barison, M. Coeani, M. Ciardetti, C. Palmieri, C. Passino, M. Emdn, G. Vergaro***004**

Expression of pro-autophagic Beclin-1 and pro-apoptotic Caspase-3 in post-traumatic period of experimental blunt cardiac injury

Mariya Stepanchenko, Russia*E. Klyuchnikova, O. Korpacheva, A. Zolotov, S. Mozgovoi***005**

The influence of endurance exercise training intensity on the acute phase of murine coxsackievirus B3 myocarditis

Manon Van Hecke, Belgium*K. Favere, S. Eens, P. Guns, H. Heidbuchel, T. Roskams***006**

The influence of endurance exercise training on myocardial fibrosis and arrhythmogenesis in a coxsackievirus B3 myocarditis mouse model

Manon Van Hecke, Belgium*K. Favere, S. Eens, P. Guns, T. Roskams, H. Heidbuchel***PS-09** **Poster Session****09:30–10:30** **Poster Exhibition****Poster Session Electron Microscopy***Chair: Giovanna Cenacchi, Italy***001**

Morphological and crystallographic features of meningioma psammoma bodies

Anastasiia Denysenko, Ukraine*R. Moskalenko***PS-10** **Poster Session****09:30–10:30** **Poster Exhibition****Poster Session Gynaecological Pathology***Chairs: Joana Ferreira, Portugal**Natalia Rakislova, Spain**Sarit Aviel-Ronen, Israel***001**

Compliance with sampling guidelines in borderline ovarian tumours: auditing current practice

Maria Alzamora, Portugal*P. Rodrigues Veiga, R. Dias, C. Bartosch***002**

Morphological patterns of high-grade serous tubo-ovarian carcinoma in association with HRD

Micaella Elizabeth Aquino Correa, Spain*L. Valdivieso, A. Castillo, M. Jimeno, L. Hernandez, J. García-Gomez, K. Matute-Molina, A. Feu***003**

Should all undifferentiated uterine sarcoma be molecularly tested?

Damiano Arciuolo, Italy*S. Patrizi, S. Vallese, R. Alaggio, L. Pedace, C. Nardini, F. Vinciarelli, P. Belen, A. Travaglini, G. Scaglione, A. Santoro, F. Locatelli, E. Miele, G. Zannoni***004**

Vulvar and non-vulvar cancer risk in women with biopsy verified vulvar lichen sclerosis – a nationwide cohort study

Louise Baandrup, Denmark*E. Kaderly Rasmussen, C. Hannibal, R. Hertzum-Larsen, S. Kjær*

005

High-risk HPV E6/E7 mRNA in situ expression in cervical premalignant lesions

Ines Benedetti, Colombia

L. Barrios, R. Rodriguez

006

Differences in gene expression between cervical squamous intraepithelial lesions and normal cervix

Ines Benedetti, Colombia

R. Rodriguez, L. Barrios

007

Targeted molecular testing in endometrial carcinoma and application of the International Federation of Gynecologic and Obstetrics (FIGO) staging system 2023 – impact in clinical management

Sofia Carralas Antunes, Portugal

F. Cunha, S. da Mata, C. Albuquerque, A.

Silva, P. Silva, A. Carvalho, Z. Nunes, A.

Félix, J. Ferreira

008

Comprehensive immunohistochemical analysis of mesonephric marker expression in low-grade endometrial endometrioid carcinomas

Yoon Ah Cho, Republic of Korea

C. Park, Y. Lee, S. Choi, H. Kim

009

Re-thinking peritoneal cytology: exploring its role in endometrial cancer molecular classification

Lucine Christe, Switzerland

E. Baumann, W. Solass, F. Saner, S.

Imboden, F. Siegenthaler, M. Mueller, T. Rau

010

HER2 status evaluation in endometrial carcinoma p53-abnormal: multiple approaches for a single purpose

Sara Coluccelli, Italy

M. Errani, C. Ravaioli, A. Corradini, A.

Costantino, T. Maloberti, D. de Biase, G.

Tallini, A. De Leo

011

Immunohistochemical assessment of PAX2, PTEN and ARID1A in a series of 23 cases of atypical polypoid adenomyoma of the uterus

Victor Cristóbal Redondo, Spain

E. Troncoso Hernández, V. Pedrero Castillo,

R. Casco Zuniga, E. Castellón Mollà, M. Sala

Ferichola, J. López Fernández, G. Peiró

Cabrera

012

Folate receptor alpha prevalence and association with ovarian cancer patient and disease characteristics

Emily Deutschman, USA

B. Liang, A. Morneau, D. Libert, K. Moore,

U. Matulonis, R. Coleman, A. Oaknin, T. Van

Gorp, B. Howitt, E. Diver, M. Method, C.

Sloss

013

Clinicopathological and molecular profiles of three cases of HPV-independent cervical squamous cell carcinomas: insights and implications

Ahmet Erbagci, Turkey

G. Kir, F. Özen, A. Karateke

014

Unraveling the molecular landscape of UTROSCT: insights from a clinicopathological, morphological, immunohistochemical and molecular analyses of 36 cases

Miroslava Flidrová, Czech Republic

N. Hájková, J. Hojný, J. Dvořák, R.

Micháľková, J. Laco, G. Mccluggage, G.

Giordano, E. Silini, K. Michalova, M. Bizoň,

P. Dunder, M. Kendall Bárta

015

A clinicopathologic analysis of 30 cases of molar and nonmolar hydropic conceptions with divergent p57 expression

Masaharu Fukunaga, Japan

016

EPM2AIP1 immunohistochemistry as a surrogate of promoter methylation analysis in endometrial carcinoma

Sonia Gatiús, Spain

M. Santacana, M. Vaquero, D. Cuevas, N.

Eritja, X. Matias-Guiu

017

A novel semi-quantitative multiplex PCR method for rapid copy number high subtype stratification in endometrial cancer. Pilot study

Sonia Gatus, Spain

A. Velasco, A. Vilar, S. Villatoro, M. Vaquero, R. Marin, M. Ajenjo-Bauza, S. Walz, A. Henning, M. Varela, X. Matias-Guiu

018

Morphometric study of endometrial vessels in patients with abnormal uterine bleeding associated with chronic endometritis

Mikhail Gushchin, Russia

L. Mikhaleva, M. Orazov, R. Mitrelis, S. Mikhalev, R. Vandyshcheva, D. Masalimova

019

Extra-pulmonary lymphangioleiomyomatosis: incidental finding detected in staging surgery for gynaecological neoplasia

Albert Hidalgo Romero, Spain

Z. Calixto, R. Zagrean, L. Huayna

020

Trop-2 expression in cervical carcinoma (CX) - a possible target for the antibody drug conjugate sacituzumab

Lars-Christian Horn, Germany

B. Wolf, M. Forberger, R. Hiller, A. Freude, S. Droste, A. Hoehn

021

Upregulation of FOXP3+ regulatory T lymphocytes in patients with high-grade cervical squamous intraepithelial lesions

Sergejs Isajevs, Latvia

A. Mitildzans, V. Gordjusina, D. Rezeberga

022

Development of a digital method for assessing tumour-stroma ratio and tumour infiltrating lymphocytes in vulvar squamous cell carcinomas

Oli Jacobsen, Denmark

L. Baandrup, S. Kjær, L. Larsen, A. Fiehn

023

Polymorphisms and expression of IL-10 gene in ovarian cancer patients from Georgia

Ketevani Kankava, Georgia

P. Balakrishnan, J. Shah, S. Surmava, E. Kvaratskhelia, E. Abzianidze, N. Vardiashvili

024

Mesonephric-like adenocarcinoma of the uterine corpus: comparison of GATA-binding protein 3 Expression and its diagnostic performance among different antibody clones

Hyunjin Kim, Republic of Korea

H. Kim

025

Diagnostic role of immunostaining for thyroid transcription factor 1 (TTF1) and paired box 8 (PAX8) in distinguishing pulmonary metastases of mesonephric and mesonephric-like adenocarcinomas from primary lung adenocarcinoma

Hyunjin Kim, Republic of Korea

N. Ji, H. Kim

026

Comparison of clinicopathological and prognostic characteristics between minimal deviation adenocarcinoma and gastric-type endocervical adenocarcinoma

Sanghwa Lee, Republic of Korea

S. Kum, H. Kim

027

Quantification of intraepithelial CD8 T lymphocytes by dual immunostaining and digital image analysis as a prognostic biomarker in high-grade serous ovarian carcinoma

Jesús Machuca-Aguado, Spain

A. Muñoz-Álvarez, R. Rendón-García, A. Conde-Martín, J. Ríos, M. Idoate-Gastearena

028

Clinicopathological characterization of a case series of struma ovarii

João Pedro Maldonado, Portugal

M. Meruje, V. Almeida, R. Almeida, S. Petronilho

029

Erythropoietin-Producing Hepatocellular (EPH) carcinoma receptors expression in endometrial carcinomas

Michelle Merheb, Spain

S. Gatus, N. Eritja, A. Martinez, X. Matias-Guiu

030

Napsin-A expression in mesonephric and mesonephric-like adenocarcinomas: implications for distinguishing these from clear cell carcinoma

Jelena Mirkovic, *Canada*

E. Olkhov-Mitsel, O. Fadare, G. Mccluggage

031

The retrospective investigation of Silva pattern and tumour budding score in cervical carcinomas; a single-centre study

Aysehanim Namal, *Turkey*

Ş. İlvan, A. Yavuz

032

Adopting molecular classification for endometrial carcinomas: a feasibility study in a DGH setting

Ruchi Nasa, *United Kingdom*

K. Dharmadasa, J. P Leelamma, H. Shah, Z. Maarouf, F. Young

033

Variations in terminology of metastatic mucinous tumours involving the ovary and omentum

Lindsay Ninivirta, *Canada*

K. Baranova, E. Goebel, J. Walsh

034

The role of extracellular traps as indicators of early pregnancy loss

Natalia Nizyaeva, *Russia*

T. Guseva, N. Tikhonova, I. Stepanova, A. Akhmetshina, A. Stepanov, L. Mikhaleva

035

Mesenchymal tumours of the ovary and ligament: a comprehensive analysis of fourteen cases

Ana Lia Nocito, *Argentina*

S. Sarancone

036

Uterine leiomyomas diagnosed as bizarre nuclei showing fumarate hydratase deficiency, 22 years experience in our hospital

Alejandro Pasco Peña, *Spain*

I. Fernandez, R. Guarch, E. Carracedo, A. Córdoba, A. Panizo

037

Identification of biomarkers of relapse in endometrial carcinomas of intermediate clinical risk by proteomics and transcriptomics

Alberto Peláez-García, *Spain*

I. Ruz-Caracuel, A. Lopez-Janeiro, L. Yebenes, A. Berjón, A. Redondo, R. Barderas, M. Mendiola, D. Hardisson

038

Artefactual immunostaining for MLH1 in endometrial carcinoma – a potential pitfall

João Miguel Pimentel, *Portugal*

J. Gama, J. Madeira, R. Almeida, S. Petronilho

039

Practical implementation of TCGA endometrial carcinoma classification

Grigori Raskin, *Russia*

A. Chernev, A. Druy, M. Mukhina, E. Kravtsova, M. Filipenko, U. Boyarskikh

041

CCNE1 amplification in early-stage ovarian carcinomas

Amanda Rodríguez Villena, *Spain*

E. Guerra Alia, I. Carretero del Barrio, E. Cristóbal, T. Caniego, J. Palacios, B. Pérez-Mies

042

The MODAPLEX platform as an alternative molecular classification tool for endometrial carcinoma

Lanny Ruiz, *United Kingdom*

V. Gonzalez-Diaz, J. Crook, M. Grantham, N. Singh

043

Differential clinic-pathological and prognostic features of three main abnormal patterns of p53 staining of HPV-independent vulvar squamous cell carcinoma

Adela Saco, *Spain*

N. Carreras, N. Peñuelas, L. Díez-Ahijado, M. Del Pino, L. Marimón, J. Ordí, N. Rakislova

044

A role of Stathmin expression in the differential diagnosis and prognosis of ovarian sex-cord stromal tumours

Adam Šafanda, Czech Republic

P. Dundr, R. Michálová, R. Matěj, M. Švajdler, T. Shatokina, J. Laco, J. Hausnerová, Z. Špůrková, G. Mehés, J. Drozenová, M. Náležinská, K. Němejcová

045

Exploring molecular features of metastatic carcinoma to gynaecologic tract

Ozlen Saglam, USA

R. Rojas, R. Ali, C. Corless

046

Invasive cervical carcinoma in patients under 25 years old: a single-centre series with follow-up

Giulia Scaglione, Italy

D. Arciuolo, A. Travaglino, A. Santoro, N. D'Alessandris, B. Padial Urtueta, F. Addante, F. Vegni, M. Valente, R. Benvenuto, N. Narducci, L. Mastrantonio, F. Camarda, L. Pedone Anchora, G. Zannoni

047

The complex landscape of endometriosis and cancer: a breakthrough with spatial transcriptomics analysis

Giulia Scaglione, Italy

C. Nero, V. Iacobelli, S. Alivernini, B. Toluoso, A. Piermattei, A. Travaglino, A. Santoro, F. Sillano, R. Trozzi, L. Giaco, G. Mantini, A. Fagotti, G. Scambia, G. Zannoni

048

Comperative assessment of TP53 mutation status by next-generation sequencing and p53 immunohistochemistry in endometrial carcinoma

Luca Szalai, Hungary

Z. Melegh, E. Tanács-Bencze, E. Tóth, I. Vereczkey

049

Evaluation of HER2/neu expression in serous endometrial carcinoma: a single institutional study from a tertiary cancer referral centre, India

Puja Thakur, India

B. Rekhi, S. Menon, K. Deodhar, N. Mittal, J. Ghosh, A. Maheshwari, S. Gupta

050

Endometrial assessment for fertility-sparing treatment of young women with early-stage endometrial carcinoma: proposal for a standardized synoptic reporting

Zitong Zhao, Singapore

J. Ang, R. Nadarajah, S. Wong

PS-11

Poster Session

09:30 – 10:30

Poster Exhibition

Poster Session Haematopathology

Chair: Alexandra Traverse-Glehen, France

001

Characteristics of orbital lymphoma: a clinicopathological study of 21 cases

Diana Aniceto Baptista, Portugal

A. Pardal, E. Fonseca

002

Transient abnormal myelopoiesis and Down Syndrome. Investigating the features of hepatic hematopoiesis in fetuses affected by trisomy 21

Andrea Canino, Italy

F. Angotzi, C. Gerosa, R. Murru, E. Noto, M. Vincis, D. Fanni

003

Immunohistochemical profiling of CD94 expression in mature T and NK-Cell cells and neoplasms: correlation with flow cytometry and clinical relevance

Ozgur Can Eren, Turkey

I. Isgor, K. Lopez, Q. Gao, D. Frosina, E. Hernandez, A. Jungbluth, A. Dogan

004

Spectrum of hemoglobinopathy in antenatal females screened for carrier status at a tertiary care centre in Central India

Garima Goel, India

V. Krishna, D. Garkoti, D. Joshi, V. Walke

005

Clinicopathological and genetic features of extranodal marginal zone B-cell lymphoma of lower gastrointestinal tract

Bogyong Han, Republic of Korea

J. Yim, S. Lim, Y. Song, S. Kim, H. Yun, Y. Jeon

PS-11
PS-12

006
The features of chronic myelotoxic effects of heavy metal salts in rats
Yuliia Lyndina, Ukraine
N. Hyriavenko, K. Sikora, Y. Sikora, M. Lyndin, A. Romaniuk

007
Differential STAT3 signalling in the tumour microenvironment of EBV-positive versus EBV-negative diffuse large B-cell lymphomas
Nabila Moulai, Algeria
R. Bennoui, M. Guermi, S. Ahmed Allal, W. Ouahioune

008
Clonality and clonotype assessment in T follicular helper cell lymphoma by next-generation sequencing of TRB and TRG rearrangements
Ryuko Nakayama, Japan
L. Kroeze, J. Luijckx, J. Rijntjes, A. Amir, P. Groenen, K. Hebeda

Monday, 9 Sept

009
PS6 expression is associated to different molecular pathways in diffuse large B-cell lymphoma cell-of-origin subtypes
Eduardo Neves, Brazil
C. Hirth, L. Gomes Neto, P. Silva, S. Rabenhorst

010
ALK-positive anaplastic large cell lymphoma (ALK+ ALCL): comprehensive diagnosis
Zuzana Prouzova, Czech Republic
M. Mrhalová, E. Kabičková, R. Kodet, M. Kalinová

011
Automated detection and classification of hematopoietic cells in bone marrow aspirate smears for routine screening using a deep-learning algorithm (Aiforia)
Leonie Säft, Sweden
E. Vaaara, E. Ljung, A. Kwiecinska, D. Kumar, B. Timar

012
CD23 expression in lymphoplasmacytic lymphoma: diagnostic utility and biological correlations
Federico Scarmozzino, Italy
M. Pizzi, N. Danesin, M. Pinto, G. Scapinello, L. Trentin, F. Piazza, A. Dei Tos

013
Interpretation of B cell malignancies using an ultrasensitive dual mRNA in situ hybridization (ISH) for kappa and lambda light chain restriction demonstrates high level of reproducibility between three sites
Bowdoin Su, USA
A. Baker, A. Ehsan, A. Evans, S. Gladden, B. Mosteller, J. Su, A. Babic

015
PPM1D mutations are associated with high frequency of fibrotic progression or accelerated phase in myeloproliferative neoplasms
Xi Zhang, USA
R. He

PS-12	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Molecular Diagnostics Pathology Symposium	
Chair: Carina Heydt, Germany	

001
Comprehensive genomic profiling of tumour spatial heterogeneity for clinically-actionable genomic alterations
J. Keith Killian, USA
D. Lin, R. Huang, L. Ritterhouse, S. Lakis, P. Pokharel, D. Pavlick, D. Jin, N. Ferguson, L. Dennis, D. Fabrizio, C. Malboeuf, M. Montesion, G. Frampton, K. Murugesan

002
Investigating the use of fresh cytological specimens as an alternative to FFPE tissue for biomarker detection in non-small cell lung cancer
Brittany Mills, United Kingdom

003
Lessons from external quality assessment (EQA) for BRCA1 and BRCA2 testing in hereditary breast, ovarian, pancreatic and prostate cancer – are large genomic rearrangements (LGR) being missed?
Victoria Williams, United Kingdom
J. Fairley, A. Maqsood, M. Cheetham, N. Wolstenholme, S. Deans, S. Patton

PS-13	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Neuropathology	
Chair: Zane Jaunmuktane , <i>United Kingdom</i>	

001

Anaplastic meningiomas - CDKN2A/B and p16 in diagnosis and progression

Lina Carvalho, *Portugal*

M. Reis Silva, G. Malva, S. Simões, A. Alarcao, A. Ladeirinha, T. Ferreira, M. Viseu, M. Santos, A. Novo, O. Rebelo

002

Molecular subgroups of paediatric medulloblastomas and potential biomarkers

Pilar Eguía Aguilar, *Mexico*

F. Chico, L. Cabrera, G. Baay, S. Juárez, M. Pérezpeña, J. García, S. Sadowinski, S. Torres, V. González, A. Escobar, C. Barrera, A. Vicenteño, D. Anaya

003

Neuropathological findings in methadone-related deaths

Daria Gorelova, *Russia*

O. Reshetnikova, E. Romanova, A. Ermakov

004

Arrangements of alpha-synuclein protoforms in Lewy bodies according to specific antibody clones – pilot study

Dominik Hrabos, *Czech Republic*

S. Hasegawa

005

Unfolded protein response is activated in the brain of Parkinson's disease patients and in human iPSC-derived cerebral organoid models of the disease

Dominik Hrabos, *Czech Republic*

S. Hasegawa, G. Gonzalez

006

Hydroxytyrosol, a powerful polyphenol of olive oil, prevents neuroinflammation induced by oxysterols, cholesterol oxidation products, in Alzheimer's disease

Leigh-Anne Jones, *Italy*

R. Cecci, M. Grosso, P. Gamba, G. Leonarduzzi, G. Testa

007

Morphological and molecular study of FGFR2 rearranged low-grade glial and glioneuronal tumours

Miroslav Kobližek, *Czech Republic*

M. Stanek, L. Krskova, A. Vicha, M. Strnadova, M. Zapotocky, V. Benes, J. Zamecnik

008

Non-functional pituitary neuroendocrine tumours (NF-PitNETs): an Algerian series of 84 cases

Khaled Lounis, *Algeria*

N. Bouzid, S. Ait Younes

009

A comparative study on the clinicopathologic and molecular characteristics of primary and secondary diffuse large B-cell lymphoma in the central nervous system

Kiyong Na, *Republic of Korea*

J. Do, L. Yenwongfai, S. Do

010

Can molecular markers stratify IDH-mutant astrocytomas beyond homozygous CDKN2A/B deletion?

Zita Reisz, *United Kingdom*

K. Eggleton, R. Ellmers, P. Hirani, C. Limbachia, L. Bhaw, R. Laxton, B. Clark, A. King, I. Bodi, S. Al-Sarraj

011

Neurochemical, neurotrophic and redox-related changes in the hippocampus of the BTBR mouse model of autism spectrum disorders

Vladyslav Sikora, *Ukraine*

M. Bove, L. Trabace

012

High-grade astrocytoma with piloid features: a novel CNS tumour type with a proposed intermediate prognosis

Albert Vamanu, *United Kingdom*

R. Laxton, A. Swampillai, O. Al-Salihi, L. Brazil, M. Durve, J. Glendenning, L. Bhaw, K. Eggleton, C. Limbachia, B. Clark, A. King, I. Bodi, S. Al-Sarraj, Z. Reisz

013

Examine the possibility of adding molecular pathological criteria for the re-classification of grade I meningiomas – modeled on the examples of diffuse astrocytic tumours
Chang Young Yoo, Republic of Korea
S. Yang

PS-14 **Poster Session**
09:30 – 10:30 **Poster Exhibition**
Poster Session Other Topics
Chair: Filippo Fraggetta, Italy

001

Improving diagnostic skills with spaced repetition: the SpacedPath project, a randomized controlled trial
Sarah Barhdaoui, France
T. Kervarrec, P. Sohier

002

The mystery of peripancreatic pacinian corpuscles: report of 3 cases
Alexandra Kolaki, Greece
E. Stoupi, I. Vlachos, I. Grypari, K. Bramis, M. Kostandoulakis, D. Tiniakos

003

Erythroderma: a clinicopathological study of 110 cases from 2016 to 2023
Kristina Kundovic, Serbia
D. Petrovic, I. Petrovic, M. Bosic, E. Manojlovic Gacic, J. Stojkovic Filipovic, D. Skiljevic, J. Peric, D. Miličic, S. Tanasilovic, S. Popadic, V. Reljic, N. Delic, B. Lekic, S. Minić

004

High mobility group protein AT-hook 2 (HMGA2) is highly expressed in a broad range of human tumours
Katharina Moeller, Germany
V. Chirico, F. Ergüven, N. Schraps, F. Lutz, F. Viehweger, M. Kluth, G. Sauter, R. Simon, T. Krech, S. Steurer, S. Minner, N. Gorbokon, M. Lennartz, A. Menz

005

Infectious biobanking and biodata management of the German Centre for Infection Research – a key infrastructure for multiple research approaches
Tilman Pfeffer, Germany
K. Hofmann, I. Klein, P. Schirmacher

006

Implementation of a continuous evaluation method in pathology teaching
Maria José Gálvez Medina, Spain

PS-15 **Poster Session**
09:30 – 10:30 **Poster Exhibition**
Poster Session Paediatric and Perinatal Pathology
Chair: Ronald de Krijger, The Netherlands

001

Foetal and neonatal hydraencephaly: a study of 7 cases
Farah Loued, Tunisia
R. Ayadi, I. Mallek, A. Lahmer, D. Bacha, S. Ben Slama

002

Lethal osteochondrodysplasias: study of 32 cases
Ines Mallek, Tunisia
R. Ayadi, F. Loued, A. Lahmer, D. Bacha, S. Ben Slama

003

New approaches to morphological diagnosis of placenta percreta
Natalia Nizyaeva, Russia
I. Kulikov, E. Milyutina, V. Mkhitarov, K. Artemyeva, A. Akhmetshina, A. Milovanov

004

Clinicopathological characteristics of hepatoblastoma: a 13-year retrospective study with analysis of imagiological/ pathological treatment response and histological types
Ricardo Rolim, Portugal
J. Lopes, H. Barroca

PS-16	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Soft Tissue and Bone Pathology	
<i>Chairs: Michael Michal, Czech Republic</i> <i>Francois Le Loarer, France</i>	

002

Descriptive study of solitary fibrous tumour and its clinicopathological characteristics at Fundación Santa Fe de Bogotá University Hospital between 2004 and 2022

Daniela Castellanos Leguizamón, Colombia
C. Barrera, J. A. Baena del Valle, F. V. Díaz Pupo, H. A. G. Amaya, K. O. Carreño, M. A. P. Lazaro

003

Evaluation of the performance of immunohistochemistry markers SS18-SSX and TLE1 in synovial sarcoma and description of their expression in histological imitators and other fusocellular tumours at Fundación Santa Fe de Bogotá University Hospital

Daniela Castellanos Leguizamón, Colombia
C. Barrera, J. A. Baena del Valle, F. V. Díaz Pupo, H. A. G. Amaya, K. O. Carreño, M. A. P. Lazaro

004

Clinicopathological features of primary histiocytic neoplasms of bone: a two-centre retrospective study of 58 cases

Havva Berber, Turkey
S. Ozduzgun Polat, S. Yüksel, S. Guresci, G. Kaygusuz

005

Impact of comprehensive genomic profiling on the diagnosis and clinical management of mesenchymal tumours

Anna Beáta Csepregi, Hungary
Z. Melegh, A. Kohánka, Z. Kúronya, E. Soós, E. Tóth

006

The wide morphological spectrum of myofibroblastoma: in-depth clinicopathological study of rare mammary and extra-mammary variants

Federica D'aquila, Italy
G. Attanasio, G. Tinnirello, J. Farina, S. Salzano, F. Laudani, L. Salvatorelli, G. Angelico, G. Magro

007

Semiquantitative assessment of synovitis across the disease trajectory of Rheumatoid Arthritis: cross sectional analysis of 1,361 ultrasound-guided minimally invasive biopsies

Marco Gessi, Italy
L. Coletto, S. Perniola, B. Tolusso, C. Di Mario, M. Gigante, L. Petricca, A. Pacucci, D. Bruno, R. Benvenuto, M. D'Agostino, E. Gremese, S. Alivernini

008

TRPS1 oncoprotein is a reliable complementary marker for immunohistochemical diagnosis in synovial sarcoma

Francisco Giner, Spain
E. Medina-Ceballos, I. Machado, S. Navarro, E. Mayordomo Aranda, M. Espino, A. Llombart-Bosch

009

Importance of transthyretin-derived amyloidosis (ATTR) detection in Carpal Tunnel Syndrome (CTS)

Corina Girleanu, Ireland
J. Bissonnette, P. Fleming, N. Bermingham, L. Burke

010

Hydatidic cyst of bone: an ongoing diagnostic problem in the 21st century
Claudia Andrea Gomez Gonzalez, Turkey
I. Tamsel, H. Kaya, S. Cagli, M. Sezak, B. Doganavsargil

012

Morton neuroma: an evaluation of the histopathological findings of 626 cases
Fiona Maclean, Australia

V. Ngo, A. Cheah, C. Vargas, J. Turchini, F. Bonar

013

Gene fusions-associated mesenchymal tumours of the uterus: a morphologic, immunohistochemical and molecular analysis of 40 cases

Ioana Ancuta Neculaescu, Italy
A. Guerriero, B. Elena, C. Borga, L. Zanatta, M. Sbaraglia, A. Dei Tos

014

Clinico-pathological study of synovialosarcomas, series of 20 cases

Wahiba Ouahioune, *Algeria*

N. Moulai, M. Guermi

015

Establishment of an osteoarthritis model of slow progression in rats and proposal of a new therapeutic approach with collagen V

Walcy Rosolia Teodoro, *Brazil*

T. de Matos Lobo, V. Rodrigues de Souza, S.

Carrasco, D. Levy, A. Dos Santos Filho, S.

Catanozi, Z. de Jesus Queiroz, L. Keren

Ramos da Silveira, J. Alves Almeida, R.

Fuller, V. Capelozzi, A. Pereira Velosa

016

Osteochondral tissue changes induced by cigarette smoke exposure: the importance of TNF- α in these events

Fernanda Degobbi Lopes, *Brazil*

W. R. Teodoro, A. Ferreira, A. Riani Moreira,

F. de Almeida, A. Porfi Rio, L. Mattos, F.

Lima, V. Rodrigues de Souza, A. Pereira

Velosa

017

Advancing bone research: a new cryoembedding method for in-depth analysis of large bone specimens

Pavla Ticha, *Czech Republic*

I. Pilawski, X. Yuan, S. Tulu, B. Coyac, J.

Helms

018

Frequent and tricky lesion of jaw: review 117 cases of ameloblastoma diagnosed in a single centre

Anil Toklu, *Turkey*

C. Gonzales, M. Sezak, A. Başduran, B.

Koyuncu, A. Biçer, K. Öztürk, B.

Doğanavşargil

i

Please visit the
ESP Booth

Spadolini Ground Floor
at Fortezza da Basso

▶ Tuesday, 10 September 2024

PS-17	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Digital and Computational Pathology	
Chairs: Norman Zerbe , Germany	
Catherine Guettier , France	

001

Closing the gap in the clinical adoption of computational pathology: an open-source workflow for the integration of deep-learning models into the laboratory information system

Miriam Angeloni, Germany

D. Rizzi, S. Schön, A. Hartmann, F. Fraggetta, F. Ferrazzi

002

Artificial intelligence system for training pathologists to score gastric PD-L1

Sunil Badve, USA

H. Schildhaus, J. Rueschoff, G. Bänfer, B. Jasani, D. Ilevlieva, F. Soares, F. Alchami, K. Schmitz, S. Schöninger, A. Tereshchenko, D. Calvopina, T. Lang, M. Karasarides, G. Kumar

003

The impact on accuracy and reading time of artificial intelligence concurrent read vs second read prostate histology workflows

Gareth Bryson, United Kingdom

J. Blackwood, R. Campbell, L. Cottrell, J. Crosby, S. Fraser, J. Lee, A. McConnachie, H. Pitchamuthu, K. Rakovic, J. Salmond, J. Wilson

004

Clinical scoring and validation of a comprehensive AI-powered tumour content and lung macrodissection algorithm

Peter Caie, USA

W. Edelman, R. Wyatt, D. Mulkern, H. Moore

005

Pathology teaching forum: use of a digital platform at universities in Brazil

Juliana Carneiro Melo, Brazil

D. Nunes Oliveira, G. Brasileiro Filho, F. Toledo Bueno Pereira, G. Pozzan, S. Maria Macedo, G. Garcia Costa e Melo, R. Osterne Lima Verde, F. Guimarães Rodrigues, R. Santana de Lima

006

3-Dimensional analysis of tumour buds using open-top light-sheet microscopy in lung and colon cancers suggests that many tumour buds are local invasions

Oswin Chamian, USA

E. Baraznenok, M. Maillard, H. Dawson, I. Zlobec, S. Berezowska, J. Liu, A. Janowczyk

007

Development of an automated artificial intelligence-based tool for fibrosis assessment in bone marrow biopsies

Giuseppe D'abbronzo, Italy

A. Ronchi, S. Lucà, E. Carraturo, A. Cioce, A. Sica, G. Svanera, R. Franco

008

Implementing advanced quality control in digital pathology: integration of QC in diagnostic workflows

Céline Riou, France

C. Bertrand, J. Pomerol, M. Isaieva, R. Boukaroura, C. Riou

009

Market access landscape for digital and computational pathology in EU6

Anastasios Gkiokas, Switzerland

E. Sheppard, H. Bannister, O. Ben Dhia, S. Tsantila, C. Decaudaveine, N. Yao, N. Farkas, K. Baden

010

Comparative study of feature extractors for colorectal cancer pathology image classification using large-scale datasets and multiple instance learning

Gisu Hwang, Republic of Korea

H. Yoon, D. Jeong, W. Cho, E. Lee, Y. Chong

011

Inline quality assessment of WSI in parallel to scanning operations reduces the rescan burden and expedites digital pathology adoption

Jaya Jain, India

R. Gupta, P. Pellaru, A. Shah, A. Shaik, P. Perugupalli

012

Multiple instance learning-based classification of subtypes of renal cell carcinoma using the largest dataset of whole slide images

Daeky Jeong, Republic of Korea

G. Hwang, W. Cho, H. Yoon, J. Ra, C. Jung, Y. Chong

013

HIPPO: an explainable AI framework to uncover causal relationships and decision drivers in weakly-supervised digital pathology models

Jakub Kaczmarzyk, USA

J. Saltz, P. Koo

014

Developing a multi-site, multi-cancer, real world dataset integrating digital pathology, spatial tumour-TIL maps, clinical phenotypes, and outcomes

Jakub Kaczmarzyk, USA

W. Chen, E. Durbin, D. Foran, R. Gupta, J. Hajagos, I. Hands, G. Harris, T. Insaif, T. Kurc, J. Levens, B. Qiao, J. Saltz, A. Stroup, K. Ward

015

Generating highly accurate pathology reports from gigapixel whole slide images with HistoGPT

Valentin Koch, Germany

M. Tran, P. Schmidle, S. Wagner, V. Luppberger, A. Feuchtinger, A. Böhner, R. Kaczmarczyk, T. Biedermann, K. Eyerich, S. Braun, T. Peng, C. Marr

016

Artificial intelligence-assisted interpretation of colonic biopsies from patients with inflammatory bowel disease

Adam Levine, United Kingdom

O. Hadar, H. Lowes, J. Gildenblat, T. Mistry, D. Oukrif, C. Sagiv, M. Rodriguez-Justo

017

The sonification of pathology: from slides to sound with AI-powered analysis

Houqiang Li, China

T. Romagnoli, S. Lin, M. Cecchini

018

Commercial AI-assisted algorithms for HER2 assessment can predict HER2 amplification

Mateusz Maniewski, Poland

J. Borowczak, H. Andrusiewicz, J. Dzierżawski, J. Starzyński, M. Zdrenka, P. Chudzińska, Ł. Szyłberg

020

Convolutional neural network classifier for Helicobacter pylori detection in immunohistochemical staining of gastric mucosa

Eva Musulen, Spain

P. Cano, P. Lloret, D. Gil

021

Quantitative markers hidden beyond radiological and pathological images: an artificial-intelligence-based integrative approach for predicting response to chemoradiation in locally-advanced non-small cell lung cancer

Lorenzo Nibid, Italy

G. Sabarese, M. Tortora, C. Ermanno, R. Sicilia, S. Ramella, P. Soda, G. Perrone

022

Tissue Concepts: a supervised foundation model for computational pathology

Till Nicke, Germany

J. Schaefer, H. Hoefener, F. Feuerhake, D. Merhof, F. Kießling, J. Lotz

023

Characterizing tumour heterogeneity through quantitative pathology features for lung cancer patients' survival prediction

Paolo Ocampo, USA

F. Dambandkhameneh, X. Li, Y. Nie

024

Artificial intelligence applications in placental health: creating a new diagnostic algorithm for placental delayed villous maturation, an enigmatic pathological condition

Marta De Uribe Viloria, Spain

S. Quinones, D. Pelu Brezae, I. Ramírez, V. Macarrón, E. Tornay, R. Regojo, C. Simon de Blas

025

Precise 3D invasiveness detection for skin tumours diagnosis using X-ray virtual histology

Giulia Saccomano, Italy

M. Pinamonti, F. Ciompi, D. Dreossi, F. Brun

026

A novel artificial intelligence based score for assessing the prognostic value of intra-epithelial lymphocytes in oral epithelial dysplasia

Adam Shephard, *United Kingdom*

H. Mahmood, S. Raza, A. Khurram, N. Rajpoot

027

AI analysis of thyroid fine-needle aspiration liquid-based cytology study

Xiaorong Sun, *China*

S. Tian, H. Cao, W. Xiong

028

Utilizing artificial intelligence for detecting nodal metastasis in head and neck squamous cell carcinoma

Tra Truong, *Canada*

B. Martin, E. Olkhov-Mitsel, J. Chao

029

Whole slide image based application for optimization of immunohistochemical staining protocol

Yukako Yagi, *USA*

C. Ohnishi, E. Yanagita, D. Frosina, R. Serrette, P. Ntiamoah, A. Jungbluth

030

A new method of artificial-intelligence-based automatic identification of grade and invasion in urothelial carcinomas

Sabina Zurac, *Romania*

B. Ceachi, L. Nichita, M. Cioplea, C. Popp, L. Sticlaru, M. Bușcă, A. Cioroianu, A. Vilaia, J. Gerald Dcruz, P. Mustăța, C. Dumitru, V. Cauni, A. Bastian, C. Mogodici

031

Classification of craniofacial bone tumours using deep learning models

Ghazaleh Sadat Hosseini Japalagh, *The Netherlands*

T. Kleijn, W. H. Schreuder, K. Szuhai, M. Witjes, K. van Langevelde, R. Hemke, D. Savci-Heijink, A. J. H. Suurmeijer, G. Diercks, U. E. Flucke, L. Hiemcke-Jiwa, J. Bovée, D. Baumhoer, A. Cleven

Trainees' Assembly

Wednesday, 11 September 2024

14:00 – 16:00 · Spadolini 7

PS-18	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Head and Neck Pathology	
Chairs: <i>Esther O'Regan, Ireland</i>	
<i>Silvana Di Palma, United Kingdom</i>	

002

Critical evaluation: the Imperative of head and neck specialist review in multidisciplinary team meetings
Ahmed Ali, United Kingdom
U. Kiriwandeniya

004

Diffuse sclerosing subtype of papillary thyroid carcinoma: a tertiary care cancer centre experience
Sheenal Bhatia, India
N. Mittal, S. Rane, K. Rabade, M. Bal, A. Patil

005

Ex vivo confocal microscopy imaging in head and neck tumours
Odile Casiraghi, France
N. Ben Romdhane, I. Breuskin, M. Abbaci

006

Intranodal benign thyroid inclusions: a series of 41 cases emphasizing the morphologic criteria and the application of BRAF VE1 immunohistochemistry
Yu-Che Chuang, Taiwan
Y. Kuo, J. Hang

007

Prognostic relevance of tumour microenvironment features in lip squamous cell carcinomas: focus on poorly differentiated clusters and tumour budding
Sumeyye Ekmekci, Turkey
Y. Adali, A. Tavukcu, Y. Pekcevik, İ. Cukurova, Ü. Kūçūk

008

Tonsillar localization of mucosal leishmaniasis mimicking oropharyngeal malignancy: diagnostic challenges
Matteo Errani, Italy
M. Ortalli, S. Varani, R. Albertini, L. Amorosa, E. Pasquini, P. Rinaldi, A. Lombardi, M. Del Vecchio, V. Gaspari, M. Foschini

009

Epstein-Barr virus associated lymphoproliferative disorders in oral cavity and oropharynx
Marina Gómez Tena, Spain
M. Gomà Gallego, N. Vicente, J. Bosch, J. Azcarate, A. Vidal, M. Pané Foix, B. Kaliullayev, I. Blazquez, A. Domingo, J. Martinez, J. Rodriguez, F. Climent

010

A head-to-head comparison of four systems for oral epithelial dysplasia grading and prognostication
Paul Hankinson, United Kingdom
M. Clark, H. Walsh, A. Khurram

012

Tumour budding assessed according to the International Tumour Budding Consensus Conference recommendations correlates with prognosis in oral squamous cell carcinoma
Marketa Hermanova, Czech Republic
M. Herman, K. Kopecka, P. Liptakova, J. Michalek, R. Pink, I. Staniczko, J. Zapletalova

013

Poorly differentiated thyroid carcinoma: a clinicopathological study
Megha Johari, India
K. Rabade, S. Rane, N. Mittal, M. Bal, A. Patil

014

HMG2 immunoexpression in epithelial myoepithelial carcinomas
Aanchal Kakkar, India
S. Saifi, R. Kumar

015

Nasal polyposis: clinico-histological factors of recurrence
Sahar Kanoun, Tunisia
M. Triki, R. Hammami, C. Chaari, I. Charfeddine, T. Sellami Boudawara, S. Makni

017

Verrucous carcinoma of the larynx - a clinical and pathologic study of 34 cases

Wafa Mokni, Tunisia

Z. Nfikha, I. Bahri, N. Abdessayed, B. Sriha, M. Mokni

018

Salivary gland tumours are epigenetically regulated by THOR methylation

António Paiva-Correia, Portugal

J. Apolónio, P. Castelo-Branco, H. Hellquist

019

Diagnosing hyalinizing trabeculae tumour: a single institution experience

Priya Radia, United Kingdom

L. Collins, I. Bagwan, P. Mitra, G. Hall

020

A novel ultrasound-enhanced fine-needle biopsy method increases yield in vivo setting

Minna Rehell, Finland

M. Naukkarinen, Y. Le Boulout, S. Ranjan, J. Kelppe, J. Rautava, J. Tarkkanen, T. Atula, H. Nieminen, K. Aro

021

Molecular heterogeneity in mucosal melanoma of the head and neck region

Costantino Ricci, Italy

L. Di Sciascio, D. de Biase, B. Corti, E. Pasquini, G. Molteni, A. Tarsitano, A. Baietti, L. Amorosa, A. D'Errico, M. Fiorentino, G. Tallini, D. Massi, S. Ihrler, M. Foschini

022

Detailed analysis of NANOG expression in head and neck precancerous and cancerous lesions: an approach using QuPath digital image analysis

You-Na Sung, Republic of Korea

S. Ahn, W. Oh, Y. Lee, J. Sim, Y. Kim

PS-19

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Molecular Pathology

Chairs: Emilian Olteanu, Romania

Zsolt Megyesfalvi, Hungary

001

Comparison between two different sequencing technologies using automated target enrichment based on hybrid capture in lung cancer samples

Ihab Abdulkader Nallib, Spain

R. Pérez-Becerra, T. Pereira Ares, I. Lesende Rodríguez, J. Antúnez López, J. Cameselle Teijeiro, M. Sánchez Ares

002

Excellent inter-rater agreement between pathologists in reporting morphological characteristics of frozen tumour tissues in a multicentric international cancer genomic study

Behnoush Abedi-Ardekani, France

G. Roshandel, A. Nikmanesh, F. Ghasemi-Kebria, M. Sotoudeh, F. Azmoudeh-Ardalan, H. Saffar, S. Serra, J. Scoazec, S. Ferlicot, V. Gaborieau, P. Brennan

003

Single-nucleotide polymorphism (SNP) analysis as a valuable ancillary tool for the diagnosis of biliary duct carcinomas

Elisa Albertini, Italy

T. Maloberti, L. Miranda, A. D'Errico, D. de Biase, F. Vasuri

004

Prevalence and clinical impact of the tight junction protein claudin-3: a tissue microarray study involving more than 14,000 samples from 133 human tumour types

Elena Bady, Germany

S. Büyücek, F. Ergüven, N. Gorbokon, N. Schraps, M. Lennartz, F. Viehweger, F. Lutz, G. Sauter, R. Simon, M. Kluth, S. Steurer, S. Minner, T. Clauditz, M. Freytag

005

Early insights gained in Canadian non-small cell lung cancer biomarker testing following the introduction of a novel integrated biomarker external quality assurance scheme

Kassandra Bisson, Canada

A. Beharry, J. Garratt, J. Won, B. Sheffield

006

The structure of germline variants in pancreatic cancer in Moscow patients
Natalia Bodunova, Russia
T. Yanova, A. Danishevich, M. Byakhova, V. Galkin, M. Makarova, S. Gadzhieva, D. Isaeva, I. Khatkov

007

Increased MAL2 expression confers poor prognosis in women with triple-negative breast cancer
Jedrzej Borowczak, Poland
M. Maniewski, M. Zdrenka, W. Socha, K. Gostomczyk, H. Andruszewicz, J. Łysik-Miśkurka, T. Nowikiewicz, Ł. Szyłberg, M. Bodnar

008

BRCA1/2 testing in prostate cancer: adequacy of presurgical biopsies and surgical resections
Rossella Bruno, Italy
A. Poma, G. Ali, L. Galli, E. Sammarco, M. Pacini, R. Bartoletti, C. Ugolini, P. Faviana

009

QIAGEN clinical decision support software provides rapid and accurate interpretation of gBRCA variants in a clinical lab setting
Kathryn Bungartz, Germany
R. Salazar, B. Turner

010

MLH1 loss as secondary hit, a pan-cancer analysis of The Cancer Genome Atlas (TCGA) data
Simon Burgermeister, Switzerland
L. De Leval, E. Missiaglia

011

Hereditary cancer syndromes in Moscow patients with malignant neoplasms: WGS projekt results
Mariya Byakhova, Russia
M. Makarova, A. Semenova, M. Nemtsova, D. Chernevskiy, O. Sagaydak, M. Belenikin, N. Bodunova, A. Danishevich, I. Khatkov, D. Kanner, A. Shabunin, D. Protsenko, V. Galkin, S. Gadzhieva

012

Intra-tumour heterogeneity: demonstrating the importance of robust tissue validation for use in External Quality Assessment (EQA)
Melanie Cheetham, United Kingdom
N. Wolstenholme, S. Patton

013

KRAS-mutated non-squamous non-small cell lung cancer. Comprehensive analysis of co-mutations and PDL1-expression
Victor Cristóbal Redondo, Spain
V. Pedrero Castillo, R. Roca, S. Ortuño, N. Martínez-Banaclocha, C. Alenda González, I. Aranda López

014

Retrospective assessment of the usefulness of comprehensive genomic analysis for identifying targetable therapeutic options for solid tumours
Anna Beáta Csepregi, Hungary
Z. Melegh, L. Báthory-Fülöp, T. Strausz, M. Szőke, Z. Kúronya, E. Soós, E. Tóth

015

mRNA gene-based models fail to predict breast cancer metastases to axillary lymph nodes: a negative study
Leslie Dalton, USA

016

Molecular genotyping on liquid biopsies for assessment of resistance mechanisms to osimertinib in patients with EGFR-mutated non-small-cell lung cancer
Irina Demidova, Russia
A. Barinov, A. Gorokhov, E. Reutova, F. Moiseenko, K. Laktionov

017

Spatial characterization of CD8+ tumour infiltrating lymphocytes in homologous recombination deficient and proficient high-grade ovarian carcinomas
Eduard Dorca, Spain
S. Villatoro, A. Vidal, X. Matias-Guiu, M. Vaquero

018

Molecular diagnostics of undifferentiated round cell sarcomas
Alexander Druy, Russia
A. Panferova, I. Sidorov, D. Konovalov

019

Prevalence and clinicopathologic features of driver mutations in follicular nodular disease

Matteo Errani, Italy

L. Cardisciani, F. Chiarucci, E. Solaroli, A. Repaci, S. Coluccelli, T. Maloberti, A. De Leo, D. de Biase, G. Tallini

020

Subclassification of atypical spitzoid tumours using a diagnostic algorithm based on the methylation status

Jose Francisco González-Muñoz, Spain

B. Sánchez-Sendra, C. Monteagudo

021

Prevalence of MTAP deficiency in human cancer: a tissue microarray study on 17,078 cancers from 149 different tumour types

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, C. Fraune, C. Bernreuther, S. Steurer, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth

022

The usefulness of NGS in the treatment of cholangiocarcinomas: our experience

David Guerrero, Spain

I. Amat, M. Mercado, R. Beloqui, I. Fernández De Los Reyes, L. Jiménez-Goñi, A. Córdoba

023

Clinicopathological characteristics and genotypes of MUTYH mutated colorectal cancer patients in the Turkish population

Ismail Guzelis, Turkey

A. Subasioglu, A. Akder Sari

024

Differential expression PSMD10 gene mRNA in liver tissue and blood plasma of patients with cirrhosis and hepatocellular carcinoma

Mikheil Jangavadze, Georgia

Z. Bedinashvili, N. Goishvili, K. Tsomaia, I. Khakhutaishvili, I. Kirvalidze

025

Detection of neurofibromatosis type 1 mosaicism: the Erasmus MC, Rotterdam experience

Esther Korpershoek, The Netherlands

R. van Minkelen, S. van Dijk, L. Elemans, L. Meerstein-Kessel, T. van Ham, M. Nellist, E. Dubbink, M. van Vliet, W. Taal, Y. van Ierland

026

Next-Generation Sequencing (NGS) for lung squamous cell carcinoma (LSCC): insights from a pilot study performed at a Portuguese university hospital centre

Nuno Jorge Lamas, Portugal

C. Vilasboas, T. Santos, X. Wen, J. Vizcaino, F. Costa

027

Prevalence of CA19-9 (Sialyl-Lewis A) antigen expression in human cancers: a TMA study involving 7,827 tumours from 73 human tumour categories

Katharina Moeller, Germany

N. Schraps, S. Steurer, F. Viehweger, N. Gorbokon, M. Kluth, T. Clauditz, S. Büyücek, R. Simon, G. Sauter, F. Lutz, M. Lennartz, M. Freytag

028

P-PROFILER: refining criteria for homologous recombination deficiency (HRD) in pancreatic ductal adenocarcinoma (PDAC)

Nicole Pfarr, Germany

C. Kling, M. Koppermann, E. Mayr, K. Merkl, A. Jacob, A. Terron Kwiatkowski, A. Muckenhuber, Q. Heiss, Y. Wagner, M. Walker, S. Chakraborty, K. Schwamborn, M. Quante, S. Lange

029

Exploring the synergistic role of BRAF, NRAS and TERT promoter mutations in papillary carcinoma thyroid: insights into immune microenvironment dynamics through PD-L1 and PD-1 analysis

Chanchal Rana, India

I. Makkar, P. Ramakant

030

Validation of the OncoDEEP kit comprehensive genomic panel on the MGI chemistry

Sebastien Sauvage, Belgium

S. Lefevre, K. Ashour Garrido, J. Hong, A. Terradez, K. Eycken, J. Vanbellinghen

PS-19
PS-20

031
Refining MRD assessment in CLL patients: validating and testing of an NGS-based method
Shlomo Tsuriei, Israel
V. Hannes, Y. Bornstein, Y. Harishanu, D. Hershkovitz

033
Detection of FGFR3 mutations and fusions in bladder cancer samples: Comparison of the MODAPLEX FGFR panel with theascreen FGFR Kit
Rebekka Weissbach, Germany
R. Wirtz, A. Weber, T. Schubert, M. Waldner, E. Veltrup, R. Hake, S. Eidt, J. Graff, V. Grunwald, T. Ecke

034
The Idylla™ IDH1-2 Mutation Assay Kit demonstrates high sensitivity and specificity for detection of IDH mutational status in glioma
Louise Burke, Ireland
R. Werner, C. Hand, M. Jansen, L. Favre, S. Tran, R. Mertaniemi, T. Vaisanen, M. Linea, S. Truelsen, S. Mrabet-Dahbi, D. Salas Díaz, C. Teixido, N. Shelestovich, H. Tabibian-Keissar

PS-20	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Pulmonary Pathology	
Chairs: <i>Izidor Kern, Slovenia</i> <i>Federica Pezzuto, Italy</i>	

001
Lymph node dissection quality with new pathological criteria in oncologic surgery: does robotic-assisted surgery do better?
Adrien Deceuninck, France
P. Thiebaut, M. Bubenheim, S. Aguir, B. Bottet, A. Dujon, M. Couralet, J. Melki, M. Sarsam, J. Sabourin, F. Guisier, J. Baste, N. Piton

002
Lung cancer in Syria - a multicentre retrospective study
Deema Alshaar, Syrian Arab Republic

003
Occupational interstitial lung diseases: what is it, why is it important, and when should I think of it?
Rahma Ayadi, Tunisia
R. Yaiche, E. Braham, I. El Hadhri, I. Bouassida, M. Affes, O. Ismail, B. Hamdi, A. Ayadi

004
Nuclear texture and size are good differentiators between adenocarcinoma and squamous cell carcinoma of the lung
Amit Bloomberg, Israel
D. Hershkovitz, S. Tsuriei, R. Hagage, J. Brazowski

005
Evaluation of changes after neoadjuvant therapy of lung cancer
Melih Çaglayan, Turkey
B. Yaman, K. Turhan, A. Veral, D. Nart

006
Real-world insights from France, Italy, Spain, and Austria for the investigation of common (exons 19, 21) and rare (exons 18, 20) EGFR mutations in lung cancer
Stefano Cheloni, France
X. Bustillo, L. Staehli, D. Constantin, G. Morales, S. Lima, L. de Visser, F. Hodeib, R. Dowlati

007
PD-L1 expression in driver-mutated metastatic non-small cell lung cancer
Vincent De Jager, The Netherlands
B. Cajiao Garcia, M. Hempenius, C. Kuijpers, L. van Kempen, E. Schuurings, A. van der Wekken, S. Willems

008
Predictive biomarker testing rates in patients with metastatic non-small cell lung cancer in the The Netherlands
Vincent De Jager, The Netherlands
B. Cajiao Garcia, C. Kuijpers, G. de Bock, W. Maas, W. Timens, L. van Kempen, A. van der Wekken, E. Schuurings, S. Willems

Tuesday, 10 Sept

009

Exploratory evidence maps for the WHO Classification of Tumours 5th edition: tumours of the lung

Christine Giesen, France

R. Cierco Jimenez, J. del Águila Mejía, S. Armon, N. Myles, G. Goldman, F. Campbell, T. Lee, A. Bres, L. Bouanzi, I. Cree, D. Lokuhetty

010

MTAP deficiency closely correlates with p16 status in non-small cell lung cancer but is unrelated to tumour aggressiveness or patient prognosis

Natalia Gorbokon, Germany

K. Teljuk, N. Schraps, K. Möller, S. Büyücek, M. Lennartz, F. Viehweger, C. Fraune, C. Bernreuther, R. Simon, G. Sauter, F. Lutz, T. Clauditz, M. Kluth, S. Steurer

011

Evaluation of different grading systems among primary pulmonary adenocarcinomas: architectural grade combined with STAS is superior to others – a single centre study

Fanni Hegedus, Hungary

Z. Széll, N. Zombori-Tóth, J. Furák, T. Zombori

012

Analytical performance of a diagnostic immunohistochemical assay for MET protein (c-Met) in non-small cell lung cancer

Landon Inge, USA

B. Admire, T. Foutch, T. Landowski, M. Lopez-Schultz, K. Gordon, M. Kapdia, L. Zhang, A. Mistry, A. Hotson, S. Bheddah, M. Li, L. McKee

013

Tumour budding in lung squamous cell carcinoma: a single centre validation study comparing tumour budding assessment using conventional light microscopy and digital whole slide images

Mark Keyter, Switzerland

M. Maillard, S. Berezowska

014

mTOR pathway hyperactivation in POU2F3-positive primary and brain metastatic small cell lung carcinoma

Ilidkó Krencz, Hungary

D. Sztankovics, F. Szalai, D. Moldvai, A. Sebestyén, J. Pápay

015

Ultrastructural changes of lung tissue under conditions of experimental obesity and smoking

Yuliia Kuzyk, Ukraine

O. Mazur

016

Challenging diagnosis of serious pulmonary fungal infections : report of 145 cases

Farah Loued, Tunisia

R. Ayadi, E. Brahém, R. Yaiche, B. Hamdi, O. Ismail, S. Ben Slama, A. Ayadi

017

Pathologic assessment of resected stage III non-small cell lung cancer after neoadjuvant chemotherapy: identification of new prognostic factors

Francesca Lunardi, Italy

A. Ferro, L. Vedovelli, S. Tzorakoleftheraki, C. De Chellis, F. Pezzuto, F. Fortarezza, M. Schiavon, F. Rea, G. Pasello, F. Calabrese

018

Enhancing idiopathic pulmonary fibrosis diagnosis and subtyping through multidisciplinary integration and a machine learning-based approach

Giuseppe Maggioni, Italy

F. Lunardi, F. Pezzuto, L. Vedovelli, C. Giraudo, E. Balestro, M. Schiavon, A. Fattori, A. Labani, M. Ohana, R. Kessler, S. Hirshi, M. Chenard, F. Rea, F. Calabrese

019

Lack of immunohistochemical orthopaedia homeobox protein (OTP) expression is associated with adverse outcome in pulmonary carcinoid tumour patients

Jenni Niinimäki, Finland

S. Mononen, T. Kaprio, J. Arola, T. Vesterinen

PS-20
PS-21

020
SMARCA4 deficient non-small cell lung carcinoma: immunohistochemistry and molecular genetic study
Grigori Raskin, Russia
A. Fedorova, M. Mukhina, A. Drui, A. Chernev, L. Zavalishina

021
YAP-1 expression in stromal cells could impact on chemoimmunotherapy efficacy in SCLC patients
Giovanna Sabella, Switzerland
G. Centonze, E. Roca, M. Gentili, B. Bodini, A. Fabbri, D. Lorenzini, A. Mangogna, E. Tosoni, A. Cucinella, G. Pruneri, A. Santo, M. Milione

022
Collagen V-induced nasal tolerance enhances lung tissue IL10, preventing alveolar damage in an experimental COPD model
Ana Paula Velosa, Brazil
F. Santos Zambon Robertsoni, L. de Mendonça Oliveira, L. Keren Ramos da Silveira, Z. Jesus Queiroz, T. de Matos Lobo, S. de Moraes Fernezlian, C. Machado Baldavira, M. Notomi Sato, V. Capellozzi, F. Degobbi T Q S Lopes, W. Paganelli Rosolia Teodoro

023
Effects of cumulative association resulting from different combinations of epithelial-mesenchymal transition proteins and clinical variables on NSCLC behaviour
Walcy Rosolia Teodoro, Brazil
C. Machado Baldavira, T. Gutierrez Prieto, C. Silvério Faria, A. Ab'Saber, T. Takagaki, V. Capellozzi

024
Collagen V a1 chain oral tolerance attenuates the lung fibrosis and vascular reactivity in systemic sclerosis model
Ana Paula Velosa, Brazil
T. de Matos Lobo, Z. Jesus Queiroz, A. Dos Santos Filho, V. Rodrigues de Souza, J. Alves Almeida, S. de Moraes Fernezlian, C. Machado Baldavira, L. Keren Ramos da Silveira, S. Catanozi, W. Paganelli Rosolia Teodoro, V. Capellozzi

025
Primary intrathoracic liposarcoma: an extremely rare malignant tumour involving the thorax
Rahma Yaiche, Tunisia
R. Ayadi, E. Braham, I. El Hadhri, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

PS-21	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Thymic and Mediastinal Pathology	
Chair: Wim Timens, The Netherlands	

001
Micronodular thymoma with lymphoid stroma: an extremely rare subtype of thymic neoplasm
Rahma Ayadi, Tunisia
I. El Hadhri, E. Braham, R. Yaiche, I. Bouassida, M. Affes, O. Ismail, S. Ben Slama, A. Ayadi

002
Exploratory evidence maps for the WHO Classification of Tumours 5th edition for tumours of the thymus
Ramon Cierco Jimenez, France
C. Giesen, J. del Águila Mejía, S. Armon, N. Myles, G. Goldman, F. Campbell, T. Lee, A. Bres, L. Bouanzi, I. Cree, D. Lokuhetty

Tuesday, 10 Sept

► Wednesday, 11 September 2024

PS-22 **Poster Session****09:30–10:30** **Poster Exhibition****Poster Session Cytopathology***Chair: Ivana Kholova, Finland***001**

Role of EBUS-TBNA of mediastinal lymph node in the diagnosis of silicosis

*Isil Bagci, Turkey**E. Dündar, F. Alataş, P. Şener***002**

Thyroid fine needle aspiration cytology: validation of the 2024 RCPATH reporting guidelines in an independent United Kingdom tertiary centre cohort

*Jose Coelho Lima, United Kingdom**S. Appukutty, J. Chan, A. Duckworth, L. Heptinstall, N. Patel, M. O'Donovan, A. Marker***003**

Worrisome features in thyroid FNAC – malignancy not confirmed. Bethesda V cases revisited

*Jaroslava Dušková, Czech Republic**J. Jiskra, J. Kovářik, D. Nováková Kodetová***005**

Endoscopic ultrasound-guided fine needle aspiration of pancreatic neuroendocrine tumours and impact of rapid on-site evaluation: single centre experience

*Irem Guvendir, Turkey**O. Sahin, I. Zemheri***006**

Usefulness of pancreatic fine needle aspiration – a comparison with histological diagnosis using the new WHO reporting system, a tertiary centre experience

*Joao Martins Gama, Portugal**C. Courelas, J. Pimentel, A. Alves, G. Fernandes, M. Cipriano***007**

Comparison of cytoplasmic and nuclear expression loss of MTAP immunohistochemistry in pleural effusion cytologies and correlation with homozygous deletion of p16/CDKN2A

*Osman Furkan Mülkem, Turkey**N. Şeker, E. Tekin, G. Ak, M. Metintaş, S. Metintaş, E. Dündar***008**

Assessment of HPV vaccination status and its relationship with HPV-associated lesions in young women

*Carolina Padrão, Portugal**J. Tinoco, C. Ribeiro, A. Ferreira, M. Gasparinho***009**

Malignancy rates for Bethesda III-IV thyroid nodules: a single institution retrospective study of the correlation between fine-needle aspiration cytology and histopathology

*Marta Rezola, Spain**P. Aguirre, D. Ugas, I. Bernal, Y. Rodriguez, J. Comba, A. Ordoñez, S. De Burgos, A. Val-Carreres, M. Carrillo, M. Hidalgo, I. Ruiz***PS-23****Poster Session****09:30–10:30** **Poster Exhibition****Poster Session Pathology in Favour of Developing Countries***Chair: Giulia De Falco, United Kingdom***001**

Diagnostic value of neutrophil lymphocyte ratio, platelet lymphocyte ratio and systemic immune-inflammation index in prostate cancer

*Alyssa Camille Ablaza, Philippines**A. Asanion***002**

Survey-based evaluation of pathology services within Romania's healthcare system

*Maria Magdalena Köteles, Romania**G. Olteanu***003**

Clinical and pathological features of fusion oncogene associate papillary thyroid cancer of China

*Houqiang Li, China***004**

Primary effusion lymphoma: a clinicopathologic study from an HIV/AIDS endemic province of South Africa

*Gamalenkosi Bonginkosi Nhlonzi, South Africa**N. Moagi, A. Mwazha*

PS-23
PS-24
005
Assessment of Ki 67 proliferative index in breast cancer tissue using visual scoring android application by IKWG – a closer step to better analytic validity?
Nidhi Radhakrishnan, India
P. Kasukurti, S. Naskar, S. Kamath, C. Wilfred, M. S R

006
Cervical cytopathology insights in underserved communities: perspectives from a humanitarian initiative in Cabo Verde
Vilma Salgado, Portugal
R. Luís

007
Diagnostic utility of TRPS1 and GATA3 antibodies in various metastatic and primary tumour entities of breast and non-breast origins
Hulya Sahin Ozkan, Turkey
Ç. Çelikel, H. Kaya

PS-24
Poster Session
09:30–10:30
Poster Exhibition
Poster Session Digestive Diseases
Pathology - GI
Chairs: Stefano La Rosa, Italy
Paula Borralho-Nunes, Portugal

001
Spectrum of appendiceal neoplastic lesions: an institutional review
Sagir Akhtar, India
R. Yadav, P. Das, S. Rawat, M. Ray, H. Bhattacharjee, K. Kataria, R. Panwar

002
Lymph node threshold in colorectal cancer: surgeons' perspectives and practices
Berk Kaan Aktas, Turkey
N. Padmanabha, Y. Chornekyy, O. Yilmaz

003
Ultra-short coeliac disease: "proximate" biopsy is required for "ultimate" explanation
Ahmet Ramazan Akur, Turkey
E. Kozan, C. Kırışçioğlu, Z. Kuloğlu, A. Akpınar, B. Savaş, A. Kansu Tanca, A. Soykan, A. Ensari

004
Exploring the prognostic value of blood cell ratios and C-reactive protein in gastric cancer: insights into molecular subtypes and tumour immune microenvironment
João Carlos Almeida, Portugal
A. Bravo, J. Silva, D. Marques, C. Neto do Nascimento, X. Wen, L. Mascarenhas-Lemos, M. Cravo, F. Carneiro, I. Gullo

005
Predictors of neoplastic progression in gastroesophageal lesions indefinite for dysplasia
Valentina Angerilli, Italy
F. Galuppini, S. Brignola, G. Businello, B. Filippin, G. Pennelli, V. Guzzardo, J. Gasparello, P. Parente, A. Dei Tos, S. Realdon, A. Fantin, E. Savarino, M. Fassan

006
Expression and prognostic value of PD-1 and PD-L1 in colorectal carcinoma
Rania Aouadi, Tunisia
I. Helal, F. Khanchel, R. Hedhli, E. Ben Brahim, R. Jouini, A. Chadli Debbiche

007
Dysplasia in IBD: obvious and not so obvious
Asya Tugçe Bol, Turkey
E. Gedik, B. Savaş, A. Ensari

008
Immune microenvironment in rectal adenocarcinoma after chemoradiation therapy
Weibiao Cao, USA
M. Omer, D. Yang

009
Utility of cutting deeper levels on endoscopically-observed polyps that display no histologic correlates on initial sections
Juliana Castellano, USA
V. Jones, L. Vaickus, A. Suriawinata, M. Lisovsky, B. Ren

010
Increased expression of RPS4X and RPL31 in hepatic metastasis of primary left-sided colon cancer
Mee Soo Chang, Republic of Korea
H. Park, S. Byeon, E. Shin

011

Neutrophil-to-lymphocyte ratio is an effective and sensitive predictive maker of early appendiceal perforation in acute appendicitis

Lina Chen, Canada

J. Bao, F. Chen, J. Ding, T. Zhu, Q. Chen

012

Mucosal healing in ulcerative colitis - helpers versus toxic lymphocyte cells

Andrei Coman, Romania

L. Dragostin, A. Vilaia, M. State, C. Popp, L. Nichita, M. Cioplea

013

Medullary carcinomas of the non-ampullary small intestine: association with coeliac disease, mismatch repair deficiency, programmed death-ligand 1 expression, and favourable prognosis

Giuseppe De Lisi, Italy

C. Guerini, C. Klersy, F. Grillo, G. Nesi, G. Arpa, E. Quaquarelli, D. Furlan, M. Fassan, P. Parente, M. Paulli, S. La Rosa, A. Di Sabatino, A. Vanoli

014

Metaplastic oxyntic mucosa in autoimmune gastritis: a complex lesion without apparent precancerous features of intestinal type

Tatiana S. Driva, Greece

S. Sakellariou, E. Theochari, G. Gadetsakis, N. Kavantzias, I. Delladetsima

015

Implementation of the IBD-DCA for ulcerative colitis: a single institution experience

David Egong, Ireland

M. Hanly, E. McGrath, M. Cotter, G. Cullen, J. Sheridan, G. Doherty, K. Sheahan

016

Venous invasion detection in colorectal cancer resections: is routine elastic stain cost effective?

Aya Elmahs, United Kingdom

M. Avery, M. Elgoweini

017

Error rates in colonic biopsy reporting

Harriet Evans, United Kingdom

D. Snead

018

Assessment of pathological lymph nodes response to neoadjuvant therapy in locally advanced colorectal carcinomas

Lucia Fernández Ariati, Spain

Á. López-Janeiro, J. Arredondo Chaves, E. Miraval Wong

019

Tumour regression grading scores are not associated with regression of the lymph node metastases in patients with oesophagogastric adenocarcinoma after neoadjuvant chemotherapy

Chrysoula Glava, Greece

I. Nikolopoulos, S. Smparounis, D. Riga, M. Theochari, P. Papakostas, F. Seretis, N. Memos, T. Triantafyllou, D. Theodorou, G. Kafiri

020

Gastrointestinal stromal tumours presenting as a synchronous or metachronous tumour

Claudia Andrea Gomez Gonzalez, Turkey

B. Doganavsargil, M. Sezak, M. Calik, O. Bozbiyik, T. Akalin

021

Clinicopathological and molecular features of genome stable-like colorectal cancers

Gyeong-Hoon Kang, Republic of Korea

L. Jin, H. Jin, Y. Kim, N. Cho, J. Bae, J. Kim

022

Clinicopathological spectrum of primary anorectal mucosal melanoma: a proposal for survival-prognostic model based on 66 resected cases

Rajiv Kaushal, India

S. Yadav, T. Agarwal, M. Bal, K. Deodhar, M. Ramadwar, A. Saklani

023

Performance evaluation of a deep learning-based, real-time gastric cancer detection system through confocal laser endomicroscopy

Seokhwi Kim, Republic of Korea

H. Cho, D. Moon, S. Heo, J. Chu, H. Bae, S. Choi, Y. Jo, K. Hwang, H. Choi

024

The role of S100A4, α-SMA, and fibroblast markers in depicting the tumour microenvironment in stage-III colorectal cancers

Kadir Kolcak, Turkey

M. Tekin, Ç. Çelikel

025

Quantitative real-time PCR for detection of *Helicobacter pylori* and its clarithromycin resistance from gastric biopsies - when the negative can be turned positive

Gábor Lotz, Hungary

A. Biró, A. Kurucz, Á. Jakab, I. Szirtes, G. Buzás, V. Papp, A. Szijártó, A. Kiss, É. Kocsmár

027

Multiplex immunohistochemistry analysis of CTLA4, PD-L1, LAG3 and tumour microenvironment components in relation to MMR status in colorectal carcinoma

Sergei Naumov, Russia

N. Krakhmal, S. Vtorushin

028

Artificial Intelligence (AI)-powered tertiary lymphoid structures recognition on hematoxylin and eosin slides

Garazi Serna, Spain

P. Nuciforo, J. Ros, X. Guardia, R. Fasani, S. Mauchanski, F. Gallego, J. Jimenez, E. Elez

029

GNAS mutation induces increased invasiveness in colorectal cancer cells, which can be suppressed by phosphodiesterase 4 inhibitors

Pirjo Nummela, Finland

S. Zafar, A. Ganesan, I. Ukkola, A. Ayo, W. Wahbi, E. Naakka, P. Laakkonen, T. Salo, A. Ristimäki

030

PD-L1 expression correlates with epithelial-to-mesenchymal transition (EMT) and exhibits improved prognostic outcomes in microsatellite stable colorectal cancer (MSS-CRC)

Brenda Palomar De Lucas, Spain

N. Tarazona, F. Gimeno-Valiente, J. González-Muñoz, M. Huerta, D. Moro, A. Cervantes, C. Martinez Ciarpaglini

031

Digital evaluation of intratumoural lymphocytic infiltrate profile in microsatellite unstable colorectal carcinomas: does the lost protein matter?

Cecilia Perello-Fabregat, Spain

M. Sant, J. Linares, N. Mulet, P. Osorio, G. Martín-Small, K. Matute-Molina, I. Beleña, M. Jimeno

032

Immunohistochemical assessment of tumour budding in stage II colon cancer – Bd0 as a prognostic marker

Maria Pihlmann Kristensen, Denmark

U. Korsgaard, S. Timm, T. Frøstrup Hansen, I. Zlobec, S. Kjær-Frifeldt, H. Hager

033

(Phospho)Proteomic analysis reveals vulnerabilities in refractory metastatic colorectal cancer

Salvatore Piscuoglio, Italy

M. Marinucci, G. Boot, M. Lazzari, C. Esposito, C. Ng, L. Terracciano, O. Kollmar

034

A rare subset of colorectal carcinomas with microsatellite instability and KRAS mutations

Jean-Christophe Sabourin, France

E. Rabaux, J. Grosjean, F. Marguet, A. Lamy

035

Effectiveness of upper endoscopic screening in patients with head and neck neoplasia – results from a prospective cohort study

Maria Luísa Sacramento, Portugal

M. Brito, B. Marinho, J. Afonso, F. Carneiro, R. Morais, I. Gullo

036

Relevance of the new tumour budding Bd0 category in pT1 colorectal carcinomas

Karmele Saez De Gordo, Spain

M. Rodrigo, I. Archilla, M. Daga-Alvarez, J. Aguirre, L. Alarcón-Molero, M. Cámara Jurado, C. González-Lois, I. Machado, C. Martínez-Ciarpaglini, D. Naranjo, N. Papaleo, M. Pellisé, M. Cuatrecasas Freixas, o. EpiT1 Consortium

038

Microsatellite instability in gastric precancerous lesions

Mariya Stepanchenko, Russia

A. Shimanskaya, A. Kononov, S. Mozgovoi, V. Rubtsov, M. Parygina, E. Pomorgailo

039

Improvements of diagnostic approach of gastric epithelial dysplasia via implementation decision support system with immunohistochemical markers

Mariya Stepanchenko, Russia

S. Mozgovoi, A. Kononov, A. Shimanskaya, M. Parygina

040

Temporal shifts in gastric cancer dynamics: time series analysis (pre-pandemic and pandemic) in a county hospital in Western Romania

Iuliana-Anamaria Traila, Romania

M. Marasescu, A. Muresan, R. Cornea, C. Suciu, A. Dema, D. Szilagyi, C. Lazureanu, M. Cornianu, S. Taban, A. Vaduva

041

Robust prognostic signature in colon cancer by studying ectopically expressed genes using machine learning

Séverine Valmary-Degano, France

A. Spinelli, A. Vitte, F. Chuffart, M. Laverrière, J. Abba, S. Rousseaux, S. Khochbin, E. Bourova-Flin

042

Impact of extending the original criteria in the chemoradiotherapy for oesophageal cancer followed by surgery study (CROSS) regimen on treatment outcome in locally advanced oesophageal cancer (EC) patients

Helena Wang, The Netherlands

R. Verhoeven, V. Oppedijk, I. Nolte, B. van Etten, G. Hospers, J. Plukker, G. Kats-Ugurlu

043

Prognostic significance of tumour budding and desmoplastic reaction in patients with pancreaticobiliary subtype ampullary adenocarcinoma: a preliminary study

Aysen Yavuz, Turkey

K. Karaca, M. Çelik, C. Başsorgun, G. Elpek

PS-25

Poster Session

09:30–10:30

Poster Exhibition

Poster Session Infectious Diseases Pathology

Chair: Gregor Gorkiewicz, Austria

001

Utility of PCR-hybridization based technique in the detection and typing of Mycobacteria species in pathology biopsies

Rosa Irene Alvarado Cuenca, Spain

L. Ortega Comunian, L. Aguirrezabal Marcotegui, I. Fernandez de la Prieta, I. Menendez Lora, M. Perez Vilanova, M. Etchezarraga Zuluaga, C. Valenti Ponsa, A. Gaafar Eleraky

002

Cutaneous leishmaniasis: a Tunisian healthcare problem

Lobna Bouzidi, Tunisia

S. Makni, M. Zghal, C. Chaari, T. Sellami Boudawara, S. Graja

003

SARS-COV-2 in pets: an epidemiological, clinical, and laboratory study in veterinary clinics of a Northeastern region of Brazil

Juliana Carneiro Melo, Brazil

S. Samuel Feitosa Machado, F. Maria Soares de Sampaio, J. Ferreira de Andrade, I. Rodrigues de Lima Cruz, A. Alencar Coelho, A. Maria Araújo Silva, T. Ribeiro Morais, D. de Andrade Amorim, M. Maria Felipe Girão, W. Natalia Santos Maciel, E. Mares Ferreira Feitosa, H. Felipe Nogueira De Carvalho, M. do Socorro Vieira dos Santos, C. Gleidiston Lima da Silva

005

Peripheral virus distribution in patients with fatal Borna encephalitis points possible alternative clinical presentations - a case report series

Przemysław Grochowski, Germany

N. Jungbäck, T. Schaller, F. Lippek, J. Schlegel, B. Märkl, F. Liesche-Starneckner

006

Learning from loss: a four-year (2020-2024) analysis of COVID-19 mortality in a Romanian infectious diseases hospital

Maria Magdalena Köteles, Romania

D. Lay, G. Olteanu

PS-25
PS-26

007
The first wave of COVID-19 in Slovakia –
clinicopathological correlation
Lucia Krivosikova, Slovakia
M. Palkovic, P. Janega, P. Babal

008
Emerging trends in human pulmonary
dirofilariasis: a case series from Hungary
Levente Kuthi, Hungary
*T. Zombori, L. Tiszlavicz, F. Hegedus, S.
Almási, B. Baráth, M. Almakrami, M. Jamal
EJ, N. Barta, Z. Ujjfaludi, T. Pankotai, A.
Hajdu, J. Furák, A. Sejbén*

009
Assessment of toll-like receptor 9 expres-
sion in immune cells in lung tissue from
patients with drug-resistant tuberculosis
Petro Kuzyk, Ukraine
S. Gychka, S. Nikolaienko

010
Modified auramine-rhodamine stain
contribution to identify mycobacterium
tuberculosis
Leonor Ruivo, Portugal
*M. Pinho Fialho, H. Silva Santos, J. Almeida
Tavares, C. Ferreira*

011
Effects of COVID-19 vaccine and/or
infection on COVID-19 expression in skin
biopsies
Yasemin Yuyucu Karabulut, Turkey
N. Bolatt

PS-26	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Ophthalmic Pathology	
Chairs: Luciane Dreher-Irion, United Kingdom	

002
Corneal dystrophies: twenty years’
experience
Marta De Uribe Viloria, Spain
*V. Macarrón, E. Sánchez López, S. Quinones,
E. Ruiz-Bravo*

003
Anatomopathological perspectives on
ocular coloboma: unravelling associations
with ocular and syndromic alterations
Marta De Uribe Viloria, Spain
*S. Quinones, G. Escuer-Albero, I. Esteban-
Rodríguez, R. Regojo, E. Ruiz-Bravo*

i

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PS-27	Poster Session
09:30–10:30	Poster Exhibition
Poster Session Urothology	
<i>Chairs: Felix Bremmer, Germany</i>	
<i>Gabriella Nesi, Italy</i>	

003

Multiparameter cell-cycle measurement enables a better assessment of cancer aggressiveness in urothelial bladder cancer than Ki67 LI alone

Elena Bady, Germany

J. Müller, L. Hornsteiner, S. Elezkurtaj, F. Roßner, S. Schallenberg, A. Marx, M. Fisch, M. Słojewski, S. Hallmann, S. Koch, N. Adamini, G. Sauter, H. Zecha, T. Schlomm

004

Prognostic value of tumour-infiltrating lymphocytes in muscle-invasive urothelial bladder carcinomas

Yasmine Ben Romdhane, Tunisia

Z. Lajmi, A. Bdioui, A. Mahmoudi, M. Krifa, S. Mestiri, S. Hmissa

005

The comparison of prevalence and location of positive surgical margin positivity in prostate cancer patients undergoing open, laparoscopic, and DaVinci robot-assisted radical prostatectomy

Jedrzej Borowczak, Poland

M. Maniewski, Ł. Szyłberg

006

Insights into testicular tumours: a two-decade journey at a single-institution

Ana Canastra, Portugal

C. Albuquerque, D. Gonçalves

008

A new technology for real-time intraoperative detection of tunica muscularis in transurethral resection of bladder tumour (TURBT): how to avoid second-look for low grade urothelial carcinoma

Miriam Cieri, Italy

S. Moretto, R. Contieri, G. Elefante, L. Terracciano, G. Lughezzani, R. Hurle, N. Buffi, P. Colombo

009

The role of epithelial-mesenchymal transition in venous invasion of clear cell renal cell carcinoma

Tanja Cugura, Slovenia

E. Boštjančič, J. Jeruc

010

Can pattern of invasion along with depth of invasion be predictors of lymph node metastasis in penile squamous cell carcinoma?

Debasmita Das, India

B. Rao, M. Pasam, S. Indulkar, S. Kodandapani, R. Sharma, S. Jain, S. Thammineedi

011

Programmed cell-death ligand 1 (PD-L1) expression and analysis of microsatellite instability/ DNA mismatch repair (MSI/ MMR) status in penile squamous cell carcinoma (PC)

Debasmita Das, India

B. Rao, M. Pasam, S. Indulkar, S. Kodandapani, R. Sharma, S. Thammineedi

012

Histological subtypes and divergent differentiation of urothelial carcinoma across molecular subtypes in bladder cancer: a study from the VESPER trial

Jacqueline Fontugne, France

C. Krucker, C. Groeneveld, V. Harter, F. Radvanyi, S. Culine, C. Pfister, Y. Allory

013

Molecular characterization and identification of molecular signatures that correlate with response to immunotherapy in metastatic renal cell carcinoma scenario

Francesca Galuppini, Italy

S. Rebuzzi, G. Fornarini, G. Crudele, F. Schiavi, A. Calì, G. Martignoni, A. Dei Tos, M. Brunelli

014

Regressed (burnt-out) germ cell tumour of the testis - a retrospective study of two hospitals for almost four decades

Pilar González-Peramato, Spain

B. Popescu, V. Macarrón, E. García Fernandez

015

KDM6A expression loss is a common feature in low-grade non-invasive urothelial carcinomas of the urinary bladder

Natalia Gorbokon, Germany

F. Viehweger, H. Plage, M. Lennartz, N. Schraps, T. Mandelkow, E. Bady, A. Marx, H. Samtleben, R. Simon, G. Sauter, T. Schlomm, H. Zecha, M. Kluth, S. Minner

016

Loss of MTAP expression is highly homogeneous and linked to homozygous 9p21 deletion and unfavourable tumour phenotype in urothelial bladder cancer

Natalia Gorbokon, Germany

N. Wößner, N. Schraps, M. Fisch, M. Słojewski, T. Ecke, S. Koch, S. Minner, R. Simon, J. Weischenfeldt, G. Sauter, T. Schlomm, D. Horst, L. Bubendorf, M. Kluth

017

HER2 and CDK12 expression in muscle invasive bladder cancer: correlation with grade, subtype and survival

Bilge Günay Gülen, Turkey

B. Sarsık Kumbaracı, I. Durusoy Onmuş, F. Kızılay, E. Güler, A. Gülen, S. Sen

018

Comparison of a modified staging system with 8th edition AJCC criteria in a North American cohort of pT2/pT3 HPV-negative penile squamous cell carcinoma

Sounak Gupta, USA

B. Tekin, A. Salı, S. Menon, J. Cheville, C. Smith, S. Jenkins, S. Dasari, A. Cubilla, R. Whaley, L. Herrera Hernandez, R. Jimenez, L. Pagliaro, L. Erickson, R. Guo

019

Fluorescence confocal microscopy for the pathological evaluation of radical prostatectomy margins

Mariia Ivanova, Italy

S. Luzzago, F. Mistretta, G. Vago, G. Pravettoni, O. Pala, D. Lepanto, D. Bottero, G. Marvaso, G. Petralia, B. Jereczek-Fossa, O. De Cobelli, G. Renne, N. Fusco, G. Musi

020

NGS testing practices and molecular profiles of BRCA1/2 in prostate cancer: real-world insights from France, Italy, Spain, and Austria

Adrian Janiszewski, Switzerland

D. Roche, X. Bustillo, A. Agarwal, D. Constantin, G. Morales, S. Lima, L. de Visser, F. Hodeib, R. Dowlati

021

Application of an artificial intelligence algorithm for prostate cancer detection and Gleason grading in prostate biopsies: experience of Rennes University Hospital in France

Solène-Florence Kammerer-Jacquet, France

G. Sebag, C. Despax, N. Rioux-Leclercq

022

Risk stratification of urine cytology specimens using The Paris System (TPS2): an institutional experience from a tertiary care centre

Seema Kaushal, India

H. Jangir, A. Narwal, S. Adhikari, B. Nayak, A. Seth

023

Unsupervised nuclei classification in non-muscle-invasive bladder cancer

Maximilian Koeller, Austria

L. Zikken, J. Klaeger, G. Wasinger, C. Kaltenecker, A. Oszwald, E. Comperat

025

High stromal CD39 expression is a strong prognostic factor for longer survival in = pT2 urothelial bladder cancer

Stephan Ledderose, Germany

S. Rodler, L. Eismann, F. Klauschen, M. Rudelius, A. Sendelhofert, C. Ledderose

026

Analysis of MicroRNA-371-373 in low grade gliomatous tumours of germ cell tumour origin supports biological similarities to teratoma

João Lobo, Portugal

N. Tavares, C. Jerónimo, R. Henrique, T. Ulbright, A. Acosta

027

Validation of FGFR3 immunohistochemistry as a predictor of FGFR3 genetic alterations in urothelial carcinoma

Ricardo López Del Campo, Spain

C. Mercader, R. Calderon, J. Albaiges, L. Ferrer-Mileo, I. Ribera-Cortada, I. Trias, A. Vilaseca, L. Rodríguez-Carunchio

028

Glycoprotein non-metastatic B expression in renal cell carcinoma with leiomyomatous stroma

Stefano Marletta, Italy

A. Calì, M. Brunelli, L. Marcolini, L. Stefanizzi, G. Martignoni

030

Bright-field multiplex immunohistochemical analysis of tumour microenvironment (TME) in embryonal carcinoma

Sofia Melotti, Italy

V. Tateo, F. Ambrosi, F. Giunchi, F. Vasuri, A. Grillini, E. Franchini, F. Massari, V. Mollica, F. Mineo Bianchi, M. Colecchia, A. Acosta, J. Lobo, M. Fiorentino, C. Ricci

031

Effects of Brazilian berry (Myrciaria jaboticaba) peel extract in castration-resistant prostate cancer (CRPC): lobe-specific histopathological responses in the TRAMP model and in vitro evaluation of human tumour cell lines

Fabio Montico, Brazil

J. Souza Gianchetto, F. Schievano, P. Felix da Silva, F. Rabelo Santos, I. Lopes Lemos, M. Maróstica Júnior, V. Alves Cagnon

032

FGFR alterations in a contemporary real-world cohort of advanced or metastatic urothelial carcinoma

Ngoc-Nhu Jennifer Nguyen, Canada

E. Olkhov-Mitsel, K. Craddock, M. Downes

034

Review of outcomes in patients with Gleason score 3+4 and =10% pattern 4 in prostate cancer biopsies at a tertiary care centre

Nilay Sah, United Kingdom

A. Haider, I. Cutforth, A. Freeman, L. Dickinson, F. Giganti, B. Lamb, A. Woernle, A. Mitra

035

Comprehensive genomic profiling and immunohistochemical analysis of prepubertal-type testicular neuroendocrine tumours in postpubertal patients reveal a possible relationship with small intestinal neuroendocrine tumours

Luca Szalai, Hungary

M. Leiner, E. Tóth, K. Bíró, M. Gallai Rubovszkyné, Z. Melegh

036

Spatial transcriptome analysis of intraductal carcinoma of prostate

Toyonori Tsuzuki, Japan

T. Takahara

037

Defining epigenetic biomarkers of aggressive prostate cancer

Vasiliki Tzelepi, Greece

S. Logotheti, K. Mesiakaris, E. Kontogianni, M. Estecio, R. Soundararajan, P. Shepherd, K. Lazaros, A. Vrahatis, C. Logothetis, A. Aparicio

038

Primary neuroendocrine carcinoma of the prostate: a case series

Vasiliki Tzelepi, Greece

E. Panopoulou, E. Kontogianni, K. Mesiakaris, S. Kontogiannis, V. Zolota, S. Logotheti

039

Expression patterns of TIGIT and LAG-3 immune regulation receptors across molecular subtypes of muscle-invasive bladder cancer

Monika Ulamec, Croatia

S. Sujitwanit, M. Knežević, S. Mašić, I. Tomaskovic, B. Kruslin

040

Clinical impact and implications of next generation sequencing for identification of BRCA mutations in Metastatic Prostate Cancer (mPCa)

Simona Vatrano, Italy

N. Vella, C. Alario, A. Chiarandà, C. Taranto, R. Scillieri, C. Mauceri, P. Pepe, F. Fraggetta

041

Evaluation of radical prostatectomy margins with surface imaging nonlinear microscopy

Timothy Weber, USA

A. Estevez, T. St Jacques, R. Dsouza, J. Sun, G. Nieto Blanco, S. Duncan, H. Cui, M. Andreana, B. Gershman, P. Chang, A. Wagner, S. Rosen, J. Fujimoto, Y. Sun

042

Malignant penile resections in a specialist referral centre - a case series and review of the literature

Lynsey Williams, United Kingdom

A. Vargiamidou

i

Best Poster Sessions

The best posters of each topic will be presented during the afternoon coffee break (16:45–17:15 Sunday–Monday, 13:15–13:45 and 16:00–16:30 on Wednesday in the Spadolini Pavilion at the E-Poster Terminals (Spadolini Upper Floor).

► E-Posters

E-Posters can be searched for and viewed electronically on the E-Poster Terminals located in the Spadolini Pavilion of Fortezza da Basso from Sunday, 8 to Wednesday, 11 September 2024.

► Sunday, 8 September 2024

E-PS-01

E-Posters

Autopsy Pathology

001

Digital forensic histopathology whole-slide images library value in cardiomyopathies spectrum education

Cornelia Amalinei, Romania

A. Timofte, I. Caruntu, S. Giușcă, R. Balan, E. Avădănei, L. Lozaneanu, A. Rusu, M. Chifu, A. Grigoras

002

Microscopic findings in incidental calcified tumour-like lesions in forensic pathology

Cornelia Amalinei, Romania

L. Riscanu, B. Ioan, A. Grigoras

003

Significance of solid and cystic benign renal lesions incidentally discovered in autopsy

Cornelia Amalinei, Romania

L. Riscanu, T. Balan, S. Giușcă, I. Caruntu, A. Grigoras

004

Air embolism due to atrio-oesophageal fistula following catheter ablation: a case report

João Amaral, Portugal

J. Pimentel, R. Almeida, M. Cipriano

005

Novel use of simulation in autopsy training for pathologists

Robert Farrell, Ireland

A. Stanley, K. Culligan, R. Cooney, D. Byrne, L. Aalto, S. Phelan

006

Clinico-morphological peculiarities in cases of deaths induced by methadone toxicity

Daria Gorelova, Russia

O. Reshetnikova, A. Ermakov, A. Mokhova

007

Histopathologic peculiarities of kidneys in cases of methadone-mediated fatalities

Daria Gorelova, Russia

O. Reshetnikova, E. Romanova, A. Ermakov

008

Histopathological features of a liver damage caused by methadone toxicity

Daria Gorelova, Russia

O. Reshetnikova, E. Romanova, A. Ermakov

009

Clinically unrecognized tuberculosis sepsis – autopsy case report

Radmila Jankovic, Serbia

I. Filipović, M. Jovanović, M. Đuknić, J. Jevtić, N. Boričić, S. Glumac, N. Šimšić, M. Zivotic

011

A case of diffuse pulmonary ossification as a rare finding at autopsy

Yuliia Kuzyk, Ukraine

A. Arefyeva, V. Bobrenok

012

Minimally invasive treatment complications in congenital hepatic hemangioma: autopsy findings and review of 56 years cases

Víctor Macarrón, Spain

S. Quinones, G. Barrios Millán, M. Esteban-Rodríguez, R. Regajo

013

A paediatric case of autoimmune polyglandular syndrome type 1

Petra Madžar, Croatia

K. Lah Tomulić, A. Milardović, A. Verbić, G. Đorđević

014

Comparison of the final clinical and autopsy detected diagnoses in sepsis

Bokhodir Magrupov, Uzbekistan

V. Sharipova, V. Ubaydullaeva, T. Verevkina

015

Insights into hereditary multiple osteochondromas: a case report in foetus

João Pedro Maldonado, Portugal

C. Cerdeira, A. Lai, R. Pina

016

Pathologic examination of myocardial infarction using ape/ref-1 for postmortem application

Joo-Young Na, Republic of Korea

019

Sudden death due to mitrogynine (Katrom) toxicity: an unusual case report and review of the literature

Juan P. Olano, USA

J. Nickels

020

Foetal postmortem study: correlation between echocardiography and postmortem study in foetuses with a heart abnormality diagnose. Termination of pregnancy protocol in our centre

Eva Oliva Domínguez, Spain

K. Gonçalves Villarreal, I. Orbeagozo Arrizabalaga, I. García Miranda, J. Iparraguirre Santiago, M. Ramírez Feliz, A. del Campo Real, I. Llano Rivas, L. Zaldumbide Dueñas, L. González Mosteiro

021

A case of Miller-Diecker Syndrome – integrated imaging and genetic diagnosis

Rui Oliveira, Portugal

C. Cerdeira

022

Foetal autopsy in a private laboratory – the experience from Centro de Anatomia Patológica

Rui Oliveira, Portugal

A. Pereira, J. Germano Rego de Sousa, M. Germano de Sousa

023

Tubulinopathies – morphology may not be enough! Genetics is fundamental

Rui Oliveira, Portugal

C. Cerdeira

024

Thymic hypoplasia: lessons of an infant autopsy findings

Jessica Ortega-Balderas, Mexico

M. Ponce-Camacho, O. Barboza Quintana

025

Pulmonary and renal histopathological findings of patients treated with immune checkpoint inhibitors: a report of two autopsy cases

Maria Mercedes Petrino, Spain

V. Macarrón, S. Quinones, E. Miraval Wong, M. González García

026

Acardius fetus: a multi-case pathological study and comprehensive literature review

Sara Quinones, Spain

S. Quinones, E. Tornay, M. Parrón, I. Esteban-Rodríguez, R. Regojo

027

Non-immune hydrops fetalis associated with MYBBP1A gene

Sara Quinones, Spain

S. Quinones, M. De Uribe Viloria, M. Parrón, J. Tenorio, P. Lapunzina, I. Esteban-Rodríguez, R. Regojo

031

Analysis of maternal mortality: obstetric direct and indirect causes in Kazakhstan, 2023

Aigul Sapargaliyeva, Kazakhstan

N. Cherepkova, V. Grinberg

032

Metastatic tumour of ovarian sex cord stroma on the anterior abdominal wall: a case report in an elderly woman

Aigul Sapargaliyeva, Kazakhstan

N. Nurgaliyev, S. Serikov

033

Retrospective analysis of iatrogenic disorders in obstetric practice: implications for maternal mortality in Kazakhstan

Aigul Sapargaliyeva, Kazakhstan

N. Cherepkova, V. Grinberg

034

Unveiling granulomatous arteritis: autopsy findings

Aigul Sapargaliyeva, Kazakhstan

S. Koibakov, R. Kuanyshbekova

035

The challenging diagnosis of tetrasomy 12p mosaicism: a case report

Ben Tekaya Sirine, Tunisia

T. Tlili, I. Bahri, W. Mokni, N. Ouini, A. Ben Abdelkader, B. Sriha, M. Mokni

036

Postmortem imaging for pathologists: imaging findings of chronic diseases with pathologic correlation

Nadia Solomon, USA

J. Elifritz, N. Adolph, H. Sanchez, A. Sailer, J. Kroll, B. Daly, D. Gascho, M. Thali, B. Vermillion, S. Thorn, M. Revzin, A. Sinusas

037

High grade diffuse large B-cell lymphoma diagnosed at autopsy – case report and 10-year retrospective review

Catherine Stacey, Ireland

M. Staunton

038
Comparative analysis of pre-mortem and post-mortem diagnoses in deceased patients in clinical centre of Vojvodina over a three-year period
Milena Šunjević, Serbia
A. Ilić, I. Stanišić, V. Trivunović, Ž. Panić, M. Panjković

039
Influence of maternal age on extremely preterm birth and causes of death of extremely preterm infants
Vladan Trivunović, Serbia
S. Ivić, I. Stanišić, Ž. Panić, T. Lakić, M. Panjković

040
Case report of a foetal ARCN1 – related syndrome and literature review
Paula Isabela Voinescu, Spain
M. Abad, G. Barrios Millán, R. Regojo

041
HIV- infection in forensic medicine practice
Vsevolod Zinserling, Russia
E. Esaulenko, V. Isakov, G. Pavlova, D. Slatina

E-PS-02 E-Posters
Breast Pathology

001
Increased Stromal ENPP1 expression in malignant phyllodes tumour correlates with poor prognosis
Syed Salahuddin Ahmed, Singapore
J. Iqbal, V. Koh, J. Seow, D. Nur, R. Shi, J. Chan, P. Tan

002
HER-2 equivocal invasive breast carcinomas: morphological and molecular correlation
Oumayma Ait Ouhssain, Morocco
C. Dabaj, H. Rais

003
Molecular alterations of breast carcinoma: a single-centre experience
Kadriye Ebru Akar, Turkey
M. Toper, H. Kaya

005
A comparative analysis of WHO and MD Anderson classification of phyllodes tumours: impact on patient outcomes
Constance Albarracín, USA
Y. Wu, L. Goetz, Q. Ye, N. Sneige, S. Pasyar, R. Bassett, H. Chen, I. Bedrosian

006
Immunohistochemistry in the evaluation of cauterized margins in breast surgery specimens
Szintia Almási, Hungary
G. Cserni

007
Invasive lobular carcinoma of the breast: clinicopathological insights into long-term prognosis
Maria Alzamora, Portugal
J. Castro, N. Coimbra, C. Leal, J. Silva

008
Granulomatous mastitis: a rare benign entity mimicking carcinomatosis
Rahma Ayadi, Tunisia
E. Braham, K. Mekni, K. Belaid, R. Yaiche, I. Mallek, O. Ismail, C. El Fekih, A. Ayadi

009
Unusual phyllodes tumour presenting in two adolescent girls
Abed Arnaout, United Kingdom
E. Bamac, L. Alarcon, C. Kaur

010
Factors predicting complete pathological response to neoadjuvant chemotherapy in breast carcinoma
Ons Belhadj, Tunisia
O. Boudaouara, W. Ben Makhlof, M. Triki, M. Zghal, L. Ayadi, T. Sellami Boudawara, W. Ben Kridis

011
Mucinous cystadenocarcinoma of the breast: a case report
Khouloud Ben Lazreg, Tunisia
L. Njim, A. Bellalah, S. Ben Hammouda, A. Zakhama, M. Njima

012
Molecular profile of breast cancer experience of pathology department university hospital of Marrakech between 2010 and 2022
Chafaa Benallal, Morocco
I. Es-Saoudy, H. Asmouki, H. Rais

013

Refining the pathologic features of invasive pleomorphic lobular carcinoma: a comprehensive study

Irene Blázquez Muñoz, Spain

J. Bosch, J. Azcarate, A. Petit, E. Guerra, A. Gumà, S. Pernas, M. Garcia Tejedor, M. Soler

014

Complete pathological response to neoadjuvant chemotherapy and its impact on breast cancer outcomes

Ons Boudaouara, Tunisia

W. Ben Makhlof, M. Bouhamed, S. Graja, S. Charfi, T. Sellami Boudawara, W. Ben Kridis

015

Predictors of complete pathological response to neoadjuvant chemotherapy in patients with HER2 overexpressing breast cancer

Ons Boudaouara, Tunisia

W. Ben Makhlof, S. Makni, M. Mellouli, W. Ben Kridis, T. Sellami Boudawara, C. Chaari

016

Comparison of pathological parameters, hormone receptor, Cerbb2 and Ki67 profile before and after neoadjuvant chemotherapy in breast cancer

Gokce Hande Cavus, Turkey

T. Ozturk, C. Turker Saricoban

017

A comparative analysis of E-cadherin expression in invasive lobular carcinoma, in situ carcinoma and normal breast epithelium

Amalia-Georgiana Cernat-Stefan, France

L. Djerroudi, A. Vincent-Salomon

018

Periductal stromal tumour: a case report of the 22nd case in the literature

Dorra Chiba, Tunisia

O. Bado, H. Hamchi, I. Bahri, W. Mokni, S. Bentekaya, B. Sriha, M. Mokni

019

Invasive breast carcinoma with osteoclast-like stromal giant cells: a case report on a rare breast tumour type

Nuno Chiote, Portugal

S. Neves, A. Rodrigues, J. Vizcaíno, N. Jorge Lamas

020

Can sentinel lymph node (SLN) total tumour load (TTL) assessment by one-step nucleic acid amplification (OSNA) assay assist in the decision for additional axillary surgery in breast cancer patients after primary systemic treatment (PST)?

Ana Rita Coelho, Portugal

P. Pontes, A. Marques, B. Peleteiro, I. Amendoeira

023

A new case of tall cell carcinoma with reversed polarity

Alicia Córdoba, Spain

L. Ruiz, R. Beloqui, I. Amat, D. Guerrero

024

Pleomorphic adenoma of the breast

Alba Díez Fernández, Spain

M. Martinez Lopez

025

The comparative analysis of metaplastic breast carcinoma and triple negative breast carcinoma for prognosis and survival outcomes

Omer Faruk Dilbaz, Turkey

R. Ucak, C. Tanik, F. Kabukcuoglu

029

Cancer to cancer metastasis: a rare case of occult breast cancer metastasis into lung adenocarcinoma

Afaf Elhag, United Kingdom

O. Busari, E. Khalifa, A. Rahman

030

Optimizing breast screening reporting: insight from a hospital audit

Aya Elmahs, United Kingdom

031

The relationship between HER2 immunohistochemical staining patterns and treatment response in breast cancer

Melis Erdal Cesur, Turkey

F. Aker

033

Breast metachronous primary angiosarcoma

Sonia García-Fuertes, Spain

N. Franco Rubio, E. Ponce Casas, R. Vilorio, E. Mejía, C. del Agua Arias-Camisón, M. Cardiel García

- 034**
Enhancing HER2 evaluation: correlation between APIS breast cancer subtyping kit and IHC/ISH for accurate HER2 quantification
Anna Gasior, *United Kingdom*
J. Gorniak, K. Howard, M. Harrison, L. Gough, S. Rollinson, Z. Pounce, A. Wegscheider, A. Niendorf
- 035**
Prognostic value of SOX-2 nuclear expression in triple-negative breast cancer
Ismail Guzelis, *Turkey*
B. Bolat Kucukzeybek, M. Gursoy, Y. Yilmaz, Y. Kucukzeybek
- 038**
Clinicopathological features and prognostic significance of HER2-low status in breast carcinoma
Nevena Ilieva-Shipchanova, *Bulgaria*
D. Tashkova, E. Bangieva, N. Miteva
- 039**
How a giant phyllodes tumour defied diagnosis – a case study
Ioana-Alexandra Petraru, *Romania*
C. Suciu, G. Prilipceanu, A. Dema
- 040**
Invasive breast carcinoma with signet ring cell differentiation and extracellular mucin production: a case report
Serap Isiksoy, *Turkey*
I. Bağcı, E. Yılmaz, N. Şeker
- 041**
Metaplastic differentiation at the metastatic site in mammary carcinoma – histopathological diagnostic pitfalls
Tomonori Kawasaki, *Japan*
T. Umesaki, H. Shimada, N. Fujiuchi, Y. Ichiki, R. Taguchi, A. Fujimoto, H. Kodama, S. Ichihara, M. Suzuki, R. Kawamura, S. Takemi, J. Ichikawa, A. Mouri, K. Kaira
- 042**
Clinicopathological study of primary breast lymphoma – a South African experience
Moshawa Khaba, *South Africa*
K. Ngobese, T. Guada
- 043**
Alterations in surrogate molecular signatures, androgen receptor and Ki67 index in pre and post neoadjuvant chemotherapy in primary invasive breast carcinoma
Adil Aziz Khan, *India*
S. Zaheer
- 044**
Estrogen receptor and progesterone receptor expression changes in breast cancer local metastases compared with primary tumour
Konstantin Konyshev, *Russia*
S. Sazonov
- 045**
Case report of a mammary myofibroblastoma with epithelioid morphology – a potential diagnostic pitfall
Olga Kouroukli, *Greece*
E. Spiteri, P. Vlachou, P. Dolkiras, C. Vourlakou
- 047**
TRPS1 expression in breast angiosarcoma
Levente Kuthi, *Hungary*
T. Pancsa, B. Pósai, A. Schubert, S. Almási, E. Papp, Y. Chien, E. Kálmán, A. Kovács, J. Kulka, L. Varga, G. Cserni
- 048**
Biphasic metaplastic carcinoma with a spindle cell component and mixed invasive carcinoma: an intriguing case
Zaïneb Lajmi, *Tunisia*
Y. Sarra, F. Yosra, S. Mestiri, M. Mokni
- 049**
High-grade metaplastic carcinoma of the breast with heterologous mesenchymal differentiation – a difficult case
Alexandra Lapa, *Portugal*
P. Rodrigues Veiga, R. Rocha, C. Leal, J. Fraga
- 050**
Association between immunohistochemical markers and response after neoadjuvant chemotherapy in advanced breast cancer
Ho-Chang Lee, *Republic of Korea*
O. Lee, S. Son, C. Woo

051

A study focusing on the relationship between tumour regression patterns and prognosis after neoadjuvant chemotherapy for breast cancer

Yueping Liu, China

J. Shang, Y. Ding, J. Li

052

Sensitivity analysis of different HER2 clone numbers for detecting HER2 low and ultra-low expression in invasive breast cancer

Yueping Liu, China

J. Shang, J. He, Y. Ding, J. Li

053

The influence of CEACAM1 on tumour cell proliferative activity

Mykola Lyndin, Ukraine

I. Kube-Golovin, A. Romaniuk

054

Comparison between unresected and resected b3 lesions after long term follow up

Maria Eugenia Maracci, Italy

G. Randazzo, A. Marcatelli, L. Santilli, M. Cucchi, V. Galluzzo, A. Baldissera, E. D'Angelo, S. Ciabatti, A. Mura, A. Maestri, A. Tafà, M. Foschini

055

Bland-looking spindle cell lesions of the breast on core-needle biopsy: a morphological and immunohistochemical approach

Stefano Marletta, Italy

L. Salvatorelli, G. Vecchio, G. Broggi, G. Angelico, A. Rizzo, G. Magro

057

Metaplastic breast carcinoma: clinical and pathological perspectives from a tertiary oncology institution

Andela Milicevic, Serbia

O. Živković, I. Jovanić, I. Petrovic, A. Lazarević, K. Obradović

058

Myofibroblastoma of the breast – report of four cases and review of literature

Andela Milicevic, Serbia

O. Živković, I. Jovanić, I. Petrovic, A. Lazarević, K. Obradović

059

Two breast malignancies in a young patient leading to detection of p53 mutation

Joseph Morris, Ireland

C. Quinn, R. Prichard, A. Maguire

060

Rare case report of diffuse pseudoangiomatous stromal hyperplasia associated with breast enlargement in a 24-year-old patient

Filip Muresan, Romania

G. Simion, A. Iliesiu

061

Male breast carcinoma: a 10-year institutional review

Reza Nikfar, USA

F. Kombak, N. Zezaifoun, L. Kowtha, S. Hiya, M. Harigopal

062

Benign breast lesion clinically mimicking malignancy: nipple adenoma

Mine Ozsen, Turkey

Y. Çakır

063

Quantitative data generated by digital image analysis shows high levels of correlation with manual scores produced at external quality assessment of triple negative breast cancer for PD-L1 expression

Suzanne Parry, United Kingdom

A. Dodson

064

A rare case of pleomorphic adenoma of the breast: a reminder of malignancy overdiagnosis

João Paulo Pereira De Castro, Portugal

J. Azevedo, G. Miranda, J. Silva, Â. Rodrigues

065

The role of fascin expression in triple-negative breast cancer: immunohistochemical study in a retrospective cohort

David Pérez Parra, Spain

F. Postigo Corrales, L. Barona García, D. da Cruz Ribeiro, M. Beltrán Videla, A. Albadalejo González, M. Ortuño Moreno, D. Torres Moreno, A. Sánchez Espinosa, J. Acosta Ortega, A. Arroyo Rodríguez, A. Hurtado López, G. Luengo Gil, J. García Solano, P. Conesa Zamora

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Metaplastic carcinoma of the breast – case series of a single centre

Mafalda Pinho Fialho, Portugal

L. Gonçalves, L. Ruivo, A. Gradil, L. Correia

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The significance of histopathological parameters in female patients after breast implant placement: a retrospective study

Mirjana Prvanovic, Serbia

D. Dundjeric, S. Tatic, M. Zivotic, N. Llic, J. Jeremic

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Tumour-associated neutrophils facilitate stemness of breast cancer cells

Wu Qiang, China

Q. Wu, Z. Feng

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Histological features in triple negative breast cancer: predictors of response and progression in relation to HER2 expression

Edna Rocío Quintero Barbon, Colombia

C. Haro Haro, J. Zúñiga Gaitán, S. Ramon y Cajal Agüeras, V. Peg Cámara

070

Lymph node status as a predictor of pathologic response post neoadjuvant chemotherapy in breast cancer patients

Zlatka Radicevic, Croatia

M. Petričević, N. Kurtovic, L. Klobučarić, I. Zagorac, M. Bakula, R. Alaghebandan, J. Rajc

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Profile changing of ER, PR, HER2 between primary tumour and locoregional metastases in breast cancer

Abir Rais, Tunisia

Y. Houcine, S. Kamoun, M. Alaya, M. Driss

072

Pathological and molecular features of breast cancer

Abir Rais, Tunisia

Y. Houcine, M. Alaya, S. Kamoun, M. Driss

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Oesophageal adenocarcinoma that metastasized to breast was misinterpreted as primary breast adenocarcinoma (NOS): a rare case report

Georg Richter, Germany

K. Hilgers, P. Richter

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A clinicopathological study of invasive apocrine carcinoma of the breast: a single centre experience

Vladimir Risteski, North Macedonia

M. Kochoska, T. Angelovska, A. Jovcheva-Trajkovska, A. Eftimov, R. Jovanovic, S. Kostadinova-Kunovska, M. Bogdanovska-Todorovska

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Invasive lobular carcinoma with papillary features mimicking papillary carcinoma – clinicopathologic and molecular characterization of this new variant with a systematic review of the literature

Renato Rocha, Portugal

P. Rodrigues Veiga, A. Lapa, C. Leal, N. Coimbra, C. Santos, A. Barbosa, J. Costa

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Morphological changes following cryoablation in breast cancer

Laura Rodriguez Ariza, Spain

A. Hidalgo Romero, V. Peg Cámara

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Prognostic significance of integrated computational pathology and gene expression analysis of triple negative breast cancer tumour microenvironment

Ioannis Roxanis, United Kingdom

K. Zormpas-Petridis, S. Haider, D. Kolarevic, P. Gazinska, R. Salgado, A. Tutt

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A rare case of amyloidosis limited to the breast: case report

Sebastian Matei Sabo, Romania

A. Evsei, A. Birceanu, N. Copcă, C. Costras, M. Matanie, T. Turcu, R. Grigore

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Unusual localisation of plasmacytoma: presented in breast

Zeynep Sagnak Yilmaz, Turkey

B. Polat, I. Saygin

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Primary breast osteosarcoma with chondroid differentiation and lung metastasis misdiagnosed as an invasive carcinoma

Modupeola Samaila, Nigeria

C. Ofunne, N. Kwapmi, H. Dahir, O. Essien, C. Chikezie

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Outcomes of breast B3 lesions between 2019 and 2022 – a single centre study
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Ulrich Sommer, Germany
C. Scheffold, A. Forberger, G. Baretton

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Catherine Stacey, Ireland
L. McKenna, A. Hennessy

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Sanna Steen, Sweden
E. Karlsson, X. Chen, B. Acs, J. Hartman

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A very rare cause of male breast lump: idiopathic granulomatous mastitis
Leyla Tekin, Turkey
F. Dinç, C. Yazkan

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Comparison of mast cell accumulation in the tumour microenvironment with prognostic parameters in breast cancer
Leyla Tekin, Turkey
M. Ünçel

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Adenoid cystic carcinoma of breast: 13 years of experience in a single centre
Mehmet Fatih Tekin, Turkey
M. Toper, H. Kaya

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Assessment of specificity of TiLs subpopulations in HER2-low breast cancer
Inessa Telezhnikova, Russia
E. Ereemeeva, G. Setdikova

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Breast carcinoma with metaplastic and neuroendocrine differentiation
Nikolaos Tepelenis, Greece
C. Roumbas, M. Sassi, D. Kapnias, C. Aggeli, T. Choreftaki

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Porocarcinoma nestled in the mammary gland – a rarity within a rarity
Andreea Catalina Tinca, Romania
B. Lazar, A. Ungureanu, O. Cotoi

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Analytical verification of the PATHWAY anti-HER2 (4B5) assay to assess HER2-ultralow status in breast cancer
Paula Toro, Switzerland
M. Dumas, M. Manoogian, S. Lucas, A. Baker, Q. Fang, X. Liu, M. Olson

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The elusive differential diagnosis of sweat gland carcinoma of the skin from breast carcinoma metastatic to the skin or apocrine carcinoma arising in ectopic breast tissue in the axilla. An extraordinary case report
Helen Trihia, Greece
A. Mavrogiorgis, E. Kouskos, G. Stanc

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A rare case of primary breast chondrosarcoma clinically diagnosed as phyllodes tumour and metaplastic carcinoma with mesenchymal differentiation: a case report
Tudor Turcu, Romania
A. Evsei, A. Birceanu, N. Copcă, S. Sabo, M. Cerbu

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Epithelioid leiomyoma of the breast: a case report of rare entity
Roberts Veidemanis, United Kingdom
T. Balamurugan, S. Pinder, A. Gamage

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Association between IDO1 expression and pCR rate in triple-negative breast cancer
Sergey Vtorushin, Russia
S. Naumov, M. Taranenko, N. Krakhmal

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PD-L1-positive cancer stem cells in primary tumour associated with progression of breast cancer
Sergey Vtorushin, Russia
A. Kalinchuk, N. Popova, L. Tashireva

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Breast Her-2 IHC assessment: pathologist concordance is excellent using the binary system (negative/positive) but poor using the three-tier system (negative/low/positive) – a study of 612 practitioners from 62 countries

Sarah Wedden, United Kingdom

A. Chefani, A. Baltan, S. Costache, E. Andersson, A. Waydelich, T. Thomas, H. Kuzmenko, C. D'Arrigo

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Clinicopathological analysis of breast metaplastic carcinoma with epithelial mesenchymal transition characteristics

Hui Wu, China

Y. Gao, L. Wu, M. Duan, Z. Yu, M. Liu

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Characterization of HER2 positive breast cancer in Tunisia

Rahma Yaiche, Tunisia

Y. Houcine, E. Saidi, F. Saadallah, S. Kamoun, K. Meddeb, M. Driss

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Comparison of Her2 status in primary and recurrent breast cancer as a therapeutic side effect and treatment factor

Siltana Zeneli, Albania

M. Ikonomi, M. Shyti, I. Rrugeja

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Metaplastic breast carcinoma with osteoclast-like giant cells: a rare case report

Ognjen Zivkovic, Serbia

I. Petrovic, A. Milićević

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Dermatopathology

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Cutaneous synovial sarcoma – a case report and review of the literature

María Augusta Abad Vintimilla, Spain

E. Sánchez López, V. Díaz, A. Berjón, M. Beato

002

Special site nevus: melanocytic nevus on the labia majora

Maria Malina Agu, Romania

B. Lazar, A. Tinca, O. Cotoi

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Histiocytoid sweet syndrome in an infant

Estela Aguilar Navarro, Spain

A. Ortiz González, S. Blasco Muñoz, C. Capozzi, D. Pérez Parra, L. González Lorca, A. Sánchez Espinosa, D. Sánchez Gutiérrez, A. Buendía Alcaraz

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An integrative differential diagnosis between well-differentiated squamous cell carcinoma and keratoacanthoma

Andreea Valentina Alexe, Romania

R. Bușcă, S. Niculae, V. Pascu, O. Ștefan, A. Brotoiu, S. Dușulescu, S. Zúrac

005

IgA pemphigus pustular dermatosis subcorneal type: a case report

Carmen Tatiana Alfaro Cazon, Argentina

F. Figueroa, C. Pavon, P. Della Giovana

006

Blue nevi in uncommon locations

Diogo Almeida, Portugal

O. Da Rocha Moreira Pedro, R. Machado-Neves, M. Honavar, T. Amaro

007

Sweat-gland carcinoma with neuroendocrine differentiation – case report and literature review

Sara Alvarez Alonso, Spain

R. Mazorra, Y. Guzmán Gómez, E. Montano Lumberras, N. Fontanil Vior, J. Jiménez Velasco, C. Durán Vian, M. González Vela

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Cutaneous metastases – a rare finding in rectal carcinoma

Cornelia Amalinei, Romania

D. Pricope, A. Grigoras, R. Balan, M. Marinca

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Leukocytoclastic vasculitis as an early cutaneous presentation of COVID-19 infection

Eleni Athanasiou, Greece

C. Kouvidou, A. Therapontos, O. Kouroukli, E. Spiteri, C. Vourlakou

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Coeliac disease unusual presentation by chronic skin ulcerations

Pavel Babal, Slovakia

P. Durikova, L. Krivosikova, P. Janega

013

Giant acne keloidalis nuchae

Ons Belhadj, Tunisia*C. Chaari, K. Turki, O. Boudaouara, S. Makni, K. Sellami, M. Fouad, H. Turki, T. Sellami Boudawara***014**

Inguinal extramammary Paget's disease in a male: a case report

Khouloud Ben Lazreg, Tunisia*S. Ben Hammouda, A. Ben Mabrouk, D. Beltaifa, M. Hamzaoui, L. Njim, A. Zakhama***015**

COL5A1 and COL5A2 regulated by miRNA 21 and 199, modulate collagen V fibrillogenesis in keloid

Valeria Berton Liguori Zacchi, Brazil*A. Sousa Santos, L. Gomes Matheus, T. de Matos Lobo, Z. de Jesus Queiroz, C. Machado Baldavira, A. Pereira Velosa, V. Capelozzi, W. Paganelli Rosolia Teodoro***018**

Fibrosarcomatous dermatofibrosarcoma: a challenging diagnosis

Ons Boudaouara, Tunisia*W. Ben Makhlof, M. Triki, M. Mellouli, L. Bouzidi, T. Sellami Boudawara, S. Makni***019**

Pleomorphic dermal sarcoma: diagnostic difficulties in a case with lymph node metastasis

Andreea-Daniela Brotoiu, Romania*R. Andrei, A. Alexe, M. Bușcă, V. Marin, S. Zurac, C. Socoliuc***020**

CDKN2A deletion in melanomas and its association with clinicopathological and immunological parameters: a TCGA-based study

Yasemin Cakir, Turkey*B. Lebe***021**

Concurrent eosinophilic angiocentric fibrosis and granuloma faciale: a case report highlighting histomorphological and immunohistochemical findings

Zeynep Canturk, Turkey*M. Celik, S. Ozturk Sari***023**

A rare tumour with unusual clinical presentation: a glomuvenous malformation of the forearm

Lamia Charfi, Tunisia*A. Khemir, W. Ben Makhlof, G. Sahraoui, I. Nasri, N. Boujelbene, I. Abbes, R. Doghri, K. Mrad***024**

Malignant proliferating trichilemmal tumour: a challenge for the diagnosis

Marta Conde Ferreiros, Spain*M. Carillo Cobarro, I. Bernal Simon, D. Ugas Burranca, A. Ordoñez Arrillaga, S. De Burgos González, A. Val-Carreres Castellote, I. Ruiz Díaz***025**

Cutaneous melanoma in children, adolescents and young adults: clinicopathological characterization of 44 cases.

Víctor Cristóbal Redondo, Spain*P. Cristóbal Redondo, J. Bañuls Roca, M. Niveiro De Jaime***026**

From rarity to recognition: hereditary progressive mucinous histiocytosis case report

Daniel Curto Aguilera, Spain*J. Montero Menárguez, J. Rodríguez Peralto, M. Garrido***027**

Microsatellite instability high risk in sebaceous adenoma: a case report

Sumeyye Ekmekci, Turkey*B. Özamrak, N. Güney, A. Olgun, Ü. Küçük***028**

Cutaneous follicular tumours and the experience of the pathological anatomy department of the Mohammed VI Mar-rakech University Hospital: about 67 cases

Halima El Khadraoui, Morocco*H. Rais***033**

Primary cutaneous apocrine carcinoma (PCAP) of the scalp: case presentation and review of the literature

Madalin Cosmin Filip, Romania*C. Socoliuc, C. Morjan, A. Stefana, E. Ignat, R. Andrei*

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Fibrous hamartoma of infancy: when molecular studies give us a hand
Huascar Galindo Guzman, Spain
B. Ardaya Lopez, F. Arias, V. Parra Blanco

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Edematous face in a young man. What's wrong?
Maria José Gálvez Medina, Spain
A. Sanz Zorrilla, M. Jurado Rivera, V. Davila Flores, I. Sánchez Ramírez, J. Osuna Soto, S. Haro Yuste

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Multisite extramammary Paget disease: an unusual malignancy in a Caucasian male
Sonia García-Fuertes, Spain
N. Franco, E. Ponce-Casas, R. Vilorio, M. García García, C. Cabañuz, F. Felipe Berlanga

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Trichoblastic carcinoma in a patient with Brooke-Spiegler syndrome: a entity uncommon
Javier García-Gómez, Spain
A. Quer, M. Aquino, A. Jaka, C. Perello-Fabregat, I. Beleña, P. Luizaga

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Miliary osteoma cutis: clinical characterization and histopathological analysis of an unusual case
Marco Asier Gil Galvín, Spain
E. Ortega Pinto, A. Díez Fernández, M. Garrido

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Perineal nodular induration of the cyclist – case series and literatura review
Yedra Guzmán Gómez, Spain
A. Santos-Briz Terrón, S. Alvarez Alonso, J. Revilla Hernández, M. Angoso Clavijo, R. Escribano de la Torre, J. Jiménez Velasco, N. Fontanil Vior

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Desmoplastic neurotropic melanoma: case report
Hilal Kandemir, Turkey

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Endocrine mucin producing sweat gland carcinoma (EMPSGC) in an extrafacial site
Udani Kiriwandeniya, United Kingdom
A. Ali

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Eccrine poroma, spiradenoma and trichoepithelioma arising together, a rare combination skin adnexal tumour case report
Faris Kubba, United Kingdom
F. Teixeira

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A case report of basal cell carcinoma of the anus: rarity in anal cancer
Bianca Andreea Lazar, Romania
A. Ungureanu, A. Mocanu, O. Cotoi

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Scarring alopecia as an undescribed side effect of Dupilumab
Fernando Leiva-Cepas, Spain
A. Sanz Zorrilla, I. Sánchez Ramírez, J. Osuna Soto, V. Amorrich

045

Fibrous epithelioid histiocytoma: clinical presentation, histopathological features, and diagnostic challenges – a case report
Rocio López Henríquez, Spain
M. Krupinska, J. Marrero Afonso, C. Hernández León

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Sebaceous carcinoma arising from sebaceoma in a patient with lynch syndrome: case report and literature review
Rodrigo Lyrrio, Portugal
A. Pestana Lopes, R. Veiga

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Common characteristics in both primary cutaneous marginal zone lymphoproliferative disorder and primary cutaneous CD4+ small/medium T-cell lymphoproliferative disorder: a case series
Sofía Merino Baamonde, Spain
E. Higuera Mora, M. Rubiera Valdés, F. Pérez Rastrollo, C. González Rodríguez, M. García Martínez, C. Fuente Díaz, J. Riera Velasco, P. Morales del Burgo, B. Vivanco Allende

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Trichilemmal carcinoma: a case report of a rare entity
Andela Milicevic, Serbia
O. Živković, I. Petrovic, K. Obradović

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Bullous dermatoses and the use of direct immunofluorescence

Sanae Moqran, Morocco

N. Hammas, F. Harmouch, S. Aitbrahim, L. Chbani, L. Tahiri

050

Pathologist interobserver variability in the diagnosis of appendageal skin tumours

Sanae Moqran, Morocco

N. Hammas, S. Aitbrahim, F. Harmouch, S. Elloudi, F. El Mernissi, L. Chbani, L. Tahiri

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One erythematous plaque: two different histological patterns

María Narváez Simón, Spain

A. González Fábrega, A. Remón Love

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Ectopic cutaneous meningioma: a case report and review of the literature

Zeineb Nfikha, Tunisia

I. Bahri, N. Abdessayed, H. Yoni, B. Sriha, M. Mokni

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Comparative analysis of six different IHC assays for epithelial cell adhesion molecule (EpCAM) in carcinomas

Søren Nielsen, Denmark

J. LaMar, D. Wang, A. Saxena, V. Calero, R. Decamillis, M. Korsdal Stensballe

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Case report of proliferating trichilemmal cyst: a diagnostic challenge in small biopsies

Irena Novosel, Norway

M. Lund-Iversen, D. Viveca Haugen

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Ectopic extramammary paget's disease on the face: a rare case report

Eugenia Isabel Ortega Pinto, Spain

J. Rodríguez Peralto, M. Garrido Ruiz

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Hereditary progressive mucinous histiocytosis: a case report

Eugenia Isabel Ortega Pinto, Spain

M. Garrido Ruiz, J. Rodríguez Peralto

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A rare case of malignant mixed tumour of the toe: a case report

Basak Özcan, Turkey

S. Dursun, Z. Tosuner

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Cutaneous non-tuberculous mycobacteria infection – a case report and literature review

Mafalda Pinho Fialho, Portugal

M. M. de Carvalho, A. Miroux Catarino, S. R. Casanova, R. Sampaio

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A rare and aggressive cutaneous neoplasia: primary cutaneous $\gamma\delta$ T-cell lymphoma

Diogo Sá, Portugal

S. Neves, I. Araújo, A. Coelho, D. Tente, F. Costa, J. Vizcaino

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A very rare case of melanocytic matricoma with lymph node metastasis: case report and review of the literature

Sebastian Matei Sabo, Romania

A. Birceanu, A. Evsei, C. Costras, A. Cernat-Stefan, A. Toma, T. Magdici, R. Roman, A. Dima

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Artificial intelligence quantifies key prognostic factors of melanoma from H&E images

Yahia Salhi, France

J. Rynkiewicz, C. Bossard, A. Nakhjavani, S. Salhi, J. Chetritt

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Histological discrepancies among various samples from a patient with systemic histiocytosis

Inmaculada Sánchez Ramírez, Spain

A. Sanz Zorrilla, V. Davila Flores, M. Jurado Rivera, J. Osuna Soto, A. González-Menchén

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Multicentric reticulo-histiocytosis: a case report and review of the literature

Yacoub Sarra, Tunisia

C. Ben Takaya, D. Daghrri, B. Marwen, N. Ouini, T. Tlili, I. Bahri, W. Mokni, N. Abdessayed, B. Sriha

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Newly introduced skin adnexial tumour:
NUT carcinoma

Beyza Betül Senay, Turkey

N. Koc, G. Gumrukcu, F. Aker

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A rare case of temporal basomelanocytic
skin tumour in a patient with multiple basal
cell carcinomas

Evangelia-Anna Spiteri, Greece

E. Papagianni, E. Athanasiou, A.

Therapontos, C. Vourlakou

067

CD117 expression in hidradenomas

Evangelia-Anna Spiteri, Greece

A. Sykaras, C. Kouvidou, E. Athanasiou, P.

Vlahou, A. Therapontos, C. Vourlakou

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Evaluation of CD117 expression in Merkel
cell carcinoma

Alexandros Sykaras, Ireland

C. Kouvidou, A. Therapontos, E. Athanasiou,

E. Spiteri, P. Vlahou, C. Vourlakou

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Metastatic cutaneous melanoma with
angiosarcomatous transdifferentiation – a
peculiar diagnosis

Dana Tapoi, Romania

A. Dumitru, A. Ciongariu

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The relationship between demographic
status and clinical characteristics of Kaposi
sarcoma: a single-centre study

Ayşe Türkmen Dedeoglu, Turkey

S. Gezmen, Y. Karabulut, Ü. Türsen

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Onychomatricoma in young patient: case
report and literature review

Lara Vasconcelos Cavalcante, Brazil

I. Santos Costa, M. Figueiredo, G. Gadelha

Costa, G. Lopes Teixeira, L. Brasileiro

Marques, A. Felipe Dias, J. Carneiro Melo

072

The value of TERT, BRAF and NRAS gene
expression in progression free survival in
patients with melanoma

Tatjana Zablocka, Latvia

S. Isajevs

E-PS-04

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Digestive Diseases Pathology – Liver/ Pancreas

001

Case report: Kaposiform haemangioen-
dothelioma in a liver transplant recipient
with associated coagulopathy and graft
failure

Rishi Agrawal, United Kingdom

D. Bartlett, D. Haldar, P. Trivedi, R. Brown,

O. Cain

002

Expression of c-myc and p53 in pancreatic
ductal adenocarcinoma and their associa-
tion with clinicopathological, molecular,
prognostic and survival variables in patients
of Fundación Santa Fe de Bogotá University
Hospital, between 2009-2022

Johanna Alvarez, Colombia

J. Baena del Valle, V. Barrera Penagos, A.

Vera Torres, G. Roza Paz, D. Castellanos

Leguizamón, D. Grajales Urrego, R. López

Panqueva

003

Portal cavernoma cholangiopathy – histo-
logical features to look after

Ana Alves, Portugal

J. Amaral, J. Gama, R. Almeida, M. Cipriano

005

Liver involvement by hematolymphoid
neoplasia: histopathological features in
Acute Myeloid Leukemia and T-Cell/
Histiocyte-Rich Large B-Cell Lymphoma
cases

Julia Azevedo, Portugal

G. Miranda, M. Alzamora, C. Perez Duque,

M. Jácome, R. Henrique

006

COVID-19 vaccination – induced auto-
immune hepatitis

Zyanya Calixto Alvarez, Spain

M. Riveiro Barciela, A. Hidalgo Romero, A.

Diazgranados Daza, J. Chabla Jaramillo, M.

Salcedo Allende

007

The clinicopathological significance and
prognostic impact of SFN expression on
patients with intrahepatic cholangiocarcino-
ma

I-Wei Chang, Taiwan

008

Underexpression of CPS1 as independent unfavourable prognostic factor in intra-hepatic cholangiocarcinoma

I-Wei Chang, Taiwan

009

Ductulo-insular variant of pancreatic neuroendocrine tumour with cystically dilated ductules: report of a rare case and review of the literature

Francisca Emanuel Costa, Portugal

J. Vizcaino

010

Pathological diagnosis in extrahepatic cholangiocarcinoma – a challenge for the couple gastroenterologist-pathologist

Ioana Creciun, Romania

R. Ionescu, S. Zurac, T. Voiosu, G. Micu, A. Florescu, C. Popp

011

Microsatellite instabile medullary carcinoma of the gallbladder: histopathological characteristics of a rare case

Sule Kevser Dursun, Turkey

B. Üge, N. Dursun

012

Two cases of chromophobe hepatocellular carcinoma, an uncommon subtype of hepatocellular carcinoma

Sule Kevser Dursun, Turkey

S. Bağbudar, E. Kınacı, S. Erdamar Çetin, N. Dursun

013

EUS-FNB in pancreatic neoplasm – where is the balance between difficulties of tissue acquisition and the difficulties of pathological diagnosis

Ancuta-Florentina Florescu, Romania

R. Ionescu, S. Zurac, T. Voiosu, G. Micu, I. Creciun, C. Popp

014

Pancreatic solid pseudopapillary neoplasm (PSPN): a retrospective review at our institution

Natalia Fontanil, Spain

R. Mazorra, J. Jiménez Velasco, Á. Terán, M. Morís, G. Yange, M. Martino, S. Alvarez Alonso, Y. Guzmán Gómez, Á. Estébanez

015

CD166/ALCAM immunohistochemical profile in pancreatic ductal adenocarcinoma and associated lymph node metastases

Simona-Eliza Giusca, Romania

I. Caruntu, L. Lozneanu, D. Ciobanu, C. Amalinei, E. Avădănei, A. Rusu

016

Hepatic adrenal rest tumour (hart) mimicking hepatocellular adenoma: a case report of an extremely rare entity

Chrysoula Gouta, Greece

N. Antoniadis, Z. Efsthathiadi, M. Sidiropoulou, S. Vasileiadou, E. Sakellariou, E. Katsiki

017

Clinicopathologic, immunohistochemical, and molecular characterization of hepatic adenomas in males: a single institution study in the USA

Shuko Harada, USA

S. Anderson, D. Shimoga Chandrashekar, B. Goksel, D. Johnson, N. Khazanov, D. Hovelson, B. Bulen, J. Motyka, L. Lamb, D. Harbi, A. Osme, G. Lee, S. Al Diffalha, D. Dhall

018

Low-grade endometrial stromal sarcoma in the jejunum and liver

Seher Eda Horoz, Turkey

B. Binici, Ç. Çelikel

019

Undifferentiated carcinoma with osteoclast-like giant cells of the pancreas: molecular genetic analysis of 13 cases

Jan Hrudka, Czech Republic

M. Kalinová, V. Ciprova, J. Moravcová, R. Dvořák, R. Matěj

020

Real-life pathological diagnosis in extrahepatic cholangiocarcinoma – inter-observer agreement in a tertiary centre

Radu Ionescu, Romania

I. Creciun, R. Neagu, A. Cibotariu, L. Stanciu, D. Marinoiu, A. Bordea, A. Voiosu, S. Zurac, C. Popp

021

High tumour-infiltrating lymphocytes (TILs) infiltration surrounding cancer cells at venous invasion foci can predict immune-prone pancreatic ductal adenocarcinoma (PDAC) which shows better progression-free survival (PFS)

Byung-Kwan Jeong, Republic of Korea
S. Hong

022

Progression of NET G3 can lead to TP53 mutation-associated NEC-like transformation

Atsuko Kasajima, Germany
E. Moser, E. Mayr, N. Pfarr, A. Ura, L. Vogel, M. Pavel, K. Scheidhauer, A. Werder von, G. Klöppel

023

Clinicopathological significance of IQ motif containing GTPase activating protein 3 (IQGAP3) in pancreatic ductal adenocarcinoma (PDAC)

Aya Kido, Japan
A. Ishikawa, T. Fukui, N. Katsuya, K. Kuraoka, W. Yasui

024

Patients with prolonged inflammation and cholestasis following hepatitis A infection: autoimmune hepatitis?

Éva Kocsmár, Hungary
C. Lőrinczi, K. Fried, K. Nemesi, K. Werling, J. Halász

025

Is hepatic arteriolosclerosis related to loss of canals of Hering: preliminary results

Alexandra Kolaki, Greece
I. Grypari, E. Stoupi, I. Vlachos, D. Myoteri, D. Tiniakos

027

Cytomatrix® 3D cell blocks. A feasible new method for pancreatic EUS-FNA cell block formation for molecular assessment. A pilot study

Sandra Lopez-Prades, Spain
S. Alós, I. Archilla, N. Vega, M. Rodrigo Calvo, M. Esteve, S. Hoya, R. Millan, M. Cuatrecasas Freixas

028

The metamorphosis of a liver multinodular metastasis into a primary tumour by histological examination: a case report

Ludmila Lozaneanu, Romania
C. Andriescu, S. Giuşcă, I. Caruntu, R. Balan, C. Amalinei

029

Hepatocellular malignant neoplasm, not otherwise specified (HCN-NOS) – a clinicopathologic challenging diagnosis

Joana Madeira, Portugal
B. Sepodes, M. Jerónimo, I. Gonçalves, M. Silva, M. Cipriano

030

Comparison of the results of morphological and laboratory-instrumental studies in calculous cholecystitis

Bokhodir Magrupov, Uzbekistan
T. Verevkina

031

Granulomatous liver diseases: tuberculosis or not?

Ines Mallek, Tunisia
R. Ayadi, E. Brahém, R. Yaiche, O. Ismail, S. Ben Slama, A. Ayadi

032

Neoplasms developed post-liver transplantation in a paediatric population: a 30-year experience in a reference centre

Joao Martins Gama, Portugal
T. Botelho, M. Jerónimo, S. Ferreira, M. Cipriano

033

Caspase 3/7 activity, autophagy, DNA damage via ROS mechanisms by flow cytometry methods in oral squamous carcinoma cell lines after applied usnea barbata oil extracts

Elena Matei, Romania
G. Cozaru, V. Schröder, L. Bucur, M. Aşchie, M. Cristian, N. Dobrin, M. Roşu, V. Popovici

034

Exploring the risks and 'added value' of diagnostic biopsy in patients with hepatocellular carcinoma (HCC)

Misti McCain, United Kingdom
S. Zhang, L. Macdougall, R. Watson, S. Cook, B. Haugk, A. Darne, S. Raman, D. Parkinson, A. Burt, J. Wordsworth, D. Jamieson, J. Nsengimana, D. Tiniakos, H. Reeves

035

Feasibility of molecular tests in biliary tract cytology

Andrea Municchi, Italy

F. Falcinelli, G. Volpi, E. Brunetto, G. Magliacane, M. Perin, L. Pecciarini, M. Rimini, P. Arcidiacono, M. Tacelli, M. Schiavo Lena, F. Pedica, M. Cangi

036

Validation of the prognostic significance of a newly proposed histological classification of pancreatic ductal adenocarcinoma with molecular relevance

Despoina Myoteri, Greece

N. Paraskevopoulou, I. Grypari, K. Papadopoulos, E. Stoupi, I. Vlachos, V. Michalaki, C. Papadimitriou, A. Vezakis, M. Konstadoulakis, D. Tiniakos

037

Hepatic vascular tumours: understanding the spectrum of benign and malignant lesions

Alexandra-Iulia Nitu, Romania

R. Barna, O. Vita, A. Jurescu, D. Herman, M. Iacob, R. Cornea, M. Cornianu

038

Liver metastasis of ovarian granulosa cell tumour: report of a rare case

Birsen Gizem Özamrak, Turkey

S. Ekmekci, M. Guner, H. Sahin

039

Cholangiocarcinoma expressing Inhibin A, a mimicker of neuroendocrine tumours: a rare case of cholangioblastic variant of intrahepatic cholangiocarcinoma

Basak Özcan, Turkey

S. Dursun, N. Dursun

040

Clinicopathologic significance of quaking expression in hepatocellular carcinoma

Cheol Keun Park, Republic of Korea

S. Kim, J. Park, J. Lee, J. Choe, Y. Cho

041

Fibrin-associated large B-cell lymphoma (FA-LBCL): report of two cases presented as abdominal pseudocysts with immunohistochemical and molecular study

Anna Petit, Spain

G. Ippoliti, J. Azcarate, J. Bosch, N. Fullana, A. Domingo, T. Serrano, N. Ruiz, X. SanJuan, E. Ramos, L. Secanella, E. Gonzalez-Barca, G. Rivera, F. Climent

042

Mucinous adenocarcinoma of the gall bladder: a rare incidental finding

Alex Caleb Pop, Romania

M. Muresan, A. Orosz, S. Vese, A. Vigdorovits, A. Camarasan, A. Pascalau, O. Pop

043

Pancreatic adenocarcinoma associated with intraductal papillary mucinous neoplasm: a case series

Alba Prat, Spain

D. Piñol, I. Espadaler, I. Campazas, I. Espinosa, V. Fusté, J. Szafranska, C. Fumagalli

044

Intrahepatic inflammatory myofibroblastic tumour with features of IgG4-related disease & elevated serum CA 19-9 – a diagnostic challenge

Nidhi Radhakrishnan, India

S. Naskar, S. Kamath, N. Rao, S. Moger, C. Wilfred, P. Kasukurti

046

The liver in adult polycystic liver disease (ADPKD): analysis of morphologic characteristics of 38 cases describing intercystic parenchyma

Yolanda Rodriguez-Gil, Spain

M. Veras, D. Curto Aguilera, C. Prados

047

Undifferentiated carcinoma with osteoclast-like giant cells of pancreas : 3 case reports

Iswarya S Nair, India

S. Nair P, R. S, A. Suresh Kumar, E. Joy

048

Tumour budding in pre-neoadjuvant biopsy and post-neoadjuvant resection specimen is associated with poor prognosis in intrahepatic cholangiocarcinoma – a cohort study of 147 cases by modified ITBCC criteria

Ruoyu Shi, Singapore

G. Wu, R. Luo, L. Yang, Q. Gao, K. Zhu

049

Squamous cell carcinoma of the gallbladder and extrahepatic bile ducts: a rare entity

Joana Sobreiro Furtado Silva, Portugal

M. Ferreira

050

An extremely rare case report: the coexistence of gallbladder carcinoma developed from ICPN and lobular breast carcinoma metastasis to the gallbladder

Cansu Sönmez, Turkey

E. Balaban, M. Çıkrıkçıoğlu, F. Aker

051

A case report of follicular pancreatitis with pancreatic islet cell hyperplasia

Evangelia-Anna Spiteri, Greece

E. Gioti, P. Vlachou, A. Mellou, O. Kouroukli,

D. Efthymiou, C. Vourlakou

052

The possible clinical importance of co-expression of VSIG1, TTF-1 and vimentin in hepatocellular carcinoma

Rita Szodorai, Romania

I. Jung, L. Baniás, I. Kovalszky, K. Dezső, Z.

Kovács, S. Gurzu

053

Revisiting solid pseudopapillary neoplasm of pancreas: a detailed clinicopathological and immunohistochemical evaluation

Arshi Tandon, India

R. Yadav, P. Das, A. Narayan, S. Pal

054

Declining utility of intraoperative pathology consultations for assessment of margins during whipple surgeries in an academic institution over six years

Tra Truong, Canada

E. Olkhov-Mitsel, N. Sina, L. Chen, N.

Coburn, P. Karanicolas, L. Sun, P.

Roopchand, T. Jorden, C. Rowsell

055

Identification of cribriform and micropapillary components predicts poor prognosis in patients with pancreatic ductal adenocarcinoma

Ceren Utku, Turkey

D. Ekizalioglu, G. Serin, T. Gumus, F. Yilmaz,

D. Nart

056

TRPS1 expression in pancreatic adenocarcinoma: a potential pitfall

Ceren Utku, Turkey

T. Zhang, M. Robert, J. Misdraji, I.

Nalbantoglu

057

Impact of mitochondrial stress on the prognosis of acute T-cell-mediated liver transplant rejection: a decade of insights (2011-2020)

Sergen Yagci, Turkey

P. Bayık, B. Özdemir, G. Özgün, M. Haberal

058

Exploring the prognostic significance of Epithelial-Mesenchymal Transition (EMT) in Pancreatic Ductal Adenocarcinoma (PDAC)

Elif Yumuk, Turkey

Ö. Sağol, A. Aysal Ağalar

E-PS-05**E-Posters****Endocrine Pathology****001**

Primary small cell carcinoma of the thyroid without medullary thyroid carcinoma features

João Carlos Almeida, Portugal

C. Costa, P. Amoroso Canão, J. Cameselle

Teixeira, M. Sobrinho-Simões

003

Composite pheochromocytoma – presentation of two cases with molecular study

Ainara Azueta Etxebarria, Spain

D. Rodriguez Villar, J. Rosselló Soria, L.

Aguirrezabal Marcotegui, I. Fernandez de la

Prieta, R. Alvarado Cuenca, P. Martín Soler,

J. Garcia-Reyero, M. Rodriguez-Duque, E.

Elvira Uriarte, I. Lopez de Gamboa

004

Intraoperative consultation in thyroid lesions: a study on effectiveness and competence

Isil Bagci, Turkey

E. Tekin, F. Canaz, M. Kılıç

005

Core needle biopsy of highly aggressive malignant thyroid tumours

Elwira Bakula-Zalewska, Poland

M. Kwapisz, P. Góralski, J. Długosińska, J. Gałczyński, M. Dedecjus

006

Oncocytic thyroid carcinoma's pathological prognostic factors

Mohamed Amine Bani, France

F. Pani, R. Chehab, D. Hartl, J. Hadoux, L. Lamartina, E. Baudin, A. Al Ghuzlan

007

Follicular thyroid adenoma with papillary architecture: a new emerging entity

Lobna Bouzidi, Tunisia

S. Graja, M. Miled, S. Hidouri, T. Sellami Boudawara, N. Gouiaa, M. Zghal

008

Cribiform-morular thyroid carcinoma: a rare tumour in thyroid gland

Kübra Bulut, Turkey

S. Erkilic

009

Unveiling a rare morphological variant: myxoid adrenocortical adenoma with pseudoglandular pattern – a case report

Gonçalo Carrola, Portugal

D. Sá, M. Mexia, J. Vizcaino, J. Brandão

010

Adrenal myelolipoma in the practice of pathologist

Andrei Dobriakov, Russia

A. Polcovnikova, A. Tokmakov, O. Konstantin, A. Chellyukanov, M. Alexandrova, V. Salaeva, E. Kuznetsova

011

A thyroid nodule revealing a parathyroid carcinoma: a case report

Raoudha Daghri, Tunisia

A. Khemir, W. Ben Makhlof, B. Laabidi, G. Sahraoui, L. Charfi, K. Mrad

012

Clinical and morphologic features of an ETV6::NTRK3 translocated high-grade papillary thyroid carcinoma: a case report

Sule Kevser Dursun, Turkey

F. Doğukan

013

Primary thyroid lymphoma: a rare case report

Sumeyye Ekmekci, Turkey

G. Uz, Ş. Çoban, B. Özamrak, E. Pala, Ü. Küçük, Y. Pekcevik, H. Yilmaz

015

RET mutation in C-cell hyperplasia: a premalignant lesion with deceptive morphology

Sonia García-Fuertes, Spain

N. Franco, E. Ponce-Casas, R. Vilorio, G. Muñoz-González, N. Torrecilla Idoipe

016

Pathological characteristics as predictors of multifocality in papillary thyroid carcinoma

Nikola Gardic, Serbia

I. Starčević, T. Vasiljević

017

Investigation of the contribution of EZH1 expression to differential diagnosis in thyroid tumours with follicular pattern

Fadime Eda Gökalp Satıcı, Turkey

R. Bozdoğan Arpacı, Ö. Bucak, A. Dağ, G. Örekeci Temel, M. Erdal

018

Intratour heterogeneity in pancreatic NET (PanNET): when morphology meets proliferation and molecular alterations

Martina Iuzzolino, Italy

A. Destro, A. Zerbi, S. Uccella

019

Mixed medullary and follicular-cell derived carcinoma: a case report

Bernardica Juric, Croatia

V. Bedeković, L. Pažanin, H. Čupić

020

Fine needle aspiration cytology of the thyroid: a comparison of 53 cytological with histological diagnoses

Sahar Kanoun, Tunisia

S. Hidouri, M. Triki, F. Maalej, N. Gouiaa, T. Sellami Boudawara, S. Graja

021

Metastatic breast carcinoma affecting a parathyroid adenoma: a case report

Zaineb Lajmi, Tunisia

Y. Sarra, F. Yosra, A. Bdioui, M. Mokni

022

Assessing the clinical utility of the 2021 International Medullary Thyroid Carcinoma Grading System: a validation study

Víctor Macarrón, Spain

S. Quinones, M. De Uribe Viloria, M. Esteban-Rodríguez, R. Regojo

023

Morphometry of thyroid cancer

Bokhodir Magrupov, Uzbekistan

A. Rajapov

024

Pitx2 is a superior marker for detection of midgut WDNets compared to CDX2 and serotonin

Monika Manethová, Czech Republic

V. Stejskal, H. Faistová, H. Hornychová, F. Gabalec, A. Ryška, J. Soukup

025

Next-generation sequencing in thyroid cancer

Maria Angeles Marmol Fabrega, Spain

L. de León García Rico, I. Larizgoitia Salinas, C. Fula Cobos, C. Diego Hernández, E. Hernández Suárez, M. Muñoz Fernández, P. Iglesias Gómez, M. Boiza Sánchez, C. Villanueva Sánchez, T. Meizoso Latova

026

Mixed corticomedullary tumour of the adrenal gland with somatic GNAS mutation

Paula Masa Ogando, Spain

E. Pérez Béliz, B. Thorpe Plaza, S. Rojo Álvarez, L. Rojo Álvarez, I. Abdulkader Nallib, J. Cameselle Teijeiro

027

Primary thyroid lymphoma: a tertiary care cancer centre experience

Neha Mittal, India

K. Rabade, S. Rane, M. Bal, A. Patil

029

Adrenal adenomatoid tumour, a rare case of benign tumour with osseous metaplasia

Damla Oflas, Turkey

M. Sakarya

030

Scoring systems in the pathohistological diagnosis of primary tumours of the adrenal gland

Željka Panic, Serbia

M. Đolai, J. Ilić Sabo, A. Ilić, M. Šunjević, S. Trivunić Dajko

031

Pituitary Neuroendocrine Tumours (PitNET) in acromegaly: insights from a pathological perspective

Sofia Pedrosa, Portugal

J. Pinheiro

032

Composite pheochromocytoma: a tumour to consider in adrenal pathology

Eduardo Ponce Casas, Spain

G. Muñoz Gonzalez, S. Garcia Fuertes, R. Viloria, N. Torrecilla Idoipe, E. Mejia, T. Ramirez

033

Morular metaplasia in different types of tumours

Grigorii Raskin, Russia

D. Davydova, M. Mukhina, E. Kravtsova, U. Dobrynina, M. Popov, D. Rianzhin

034

Oncocytic adrenal tumours: report of 3 cases

Pedro Rodrigues Veiga, Portugal

A. Lapa, M. Jácome, A. Cunha

035

Morpho-functional adaptive changes in the pituitary-adrenal system of rats after long-term exposure to heavy metal salts and the use of L-tocopherol

Anatolii Romaniuk, Ukraine

N. Hryntsova, A. Maliuk, M. Lyndin, N. Hyriavenko, K. Sikora, Y. Lyndina

036

Adrenocortical sarcomatoid carcinoma: a rare case report and review of the literature

Lauren Ruddy, USA

037

Validation of thyroid fine needle aspiration rinse with indeterminate cytology results as a suitable sample type for molecular testing
Pablo Santiago Díaz, Spain

S. Clavé Safont, A. Sánchez Cabrero, S. Prat Mendez, M. Bautista Castro, E. Torres Fernández, E. Moragón Massey, S. Torres Rodríguez, M. Vela Ortiz, B. Bellosillo Paricio, B. Lloveras Rubio

038

Synchronous medullary and papillary thyroid carcinomas: a case report of thyroid collision tumours

Yacoub Sarra, Tunisia

C. Ben Takaya, W. Mokni, I. Bahri, S. Frini, D. Chiba, R. Sedego, N. Abdessayed, M. Mokni

040

Metastasis to the thyroid gland: a 17-year retrospective study in a tertiary hospital
Joana Sobreiro Furtado Silva, Portugal
P. Cunha Brito, J. Pardo

041

Challenges in the diagnosis of adrenal hemangiomas through two cases mimicking malignancy

Antonia Syrnioti, Greece

G. Petrakis, S. Laskou, K. Sapalidis, G. Raptou

042

An unusual case with anaplastic transformation of papillary thyroid carcinoma with liver metastasis

Anastasia Therapontos, Greece

C. Vourlakou, E. Spiteri, E. Athanasiou, P. Vlachou, A. Georgiou, C. Kouvidou

043

Ectopic Cushing's syndrome in small cell lung cancer: is there sufficient evidence?

Ayako Ura, Germany

E. Moser, M. Evert, K. Evert, E. Sipos, M. Kremer, K. Steiger, C. Mogler, H. Hoffmann, A. Werder von, D. Kaemmerer, G. Klöppel, A. Kasajima

044

PitNET/adenoma with loss of expression of AIP protein

Panagiota Vlachou, Greece

A. Therapontos, E. Athanasiou, P. Xekouki, E. Pissadaki, K. Barkas, R. Kakatsidi, G. Kyriakopoulos

045

Spindle cell oncocytoma/oncocytic pituitary: a case report of a rare entity

Panagiota Vlachou, Greece

E. Spiteri, A. Georgiou, O. Kouroukli, D. Efthymiou, S. Avgousti, A. Bairamis, G. Kyriakopoulos

046

Prognostic factors in gastroenteropancreatic neuroendocrine neoplasms

Asma Zammouchi, Algeria

R. Bennoui, F. Hadj Hammou, N. Moulai, S. Ahmed Allal, G. Ifaidi, W. Ouahione

E-PS-06

E-Posters

History of Pathology

001

The collection of cardiac pathology derived from the Royal Pathology Museum of the University of Turin

Luisa Ferrari, Italy

F. Zampieri, S. Micalizio, G. Vinardi, E. Duregon, M. Papotti

002

The death of King Jan III Sobieski – was the disease terminal or the treatment deadly?

Jacek Gulczynski, Poland

P. Paluchowski, J. Kropidłowska, E. Izzycka-Swieszewska

003

History and future of the Museum of Macroscopic Pathological Preparations of the Department of Pathology School of Medicine University of Zagreb (1914.-2024.)

Marko Kolic, Croatia

S. Sikirić, S. Seiwerth

004

Virtual autopsy investigation of gallstones in a 18th century Sicilian mummy

Luca Ventura, Italy

V. Pensiero, G. Romeo, A. Causarano, C. Caruso, M. Traversari

005

The brucellosis of the Blessed Sante from Montefabbri (1343- 1394) in direct and textual sources

Luca Ventura, Italy

L. Arrizza, M. Palmerini, C. Mercurio, M. Polidori, G. Mandolini, G. Fornaciari, A. Fornaciari

006

Questionnaire portrait of the outstanding Russian scientist-pathologist academician of the Academy of Medical Sciences of the USSR Professor Donat Semyonovich Sarkisov (05.09.1924–16.11.2000)

Alexander Zubritsky, Russia

E-PS-07

E-Posters

Nephropathology

001

A retrospective analysis of the spectrum of renal diseases at a regional tertiary centre for renal pathology

Ali Al-Omari, United Kingdom

H. Issa, L. Brammar, A. Kret, B. Wagner

002

Dendritic cells and interstitial fibrosis in IgA nephropathy patients - new relations to an old story

Yulian Ananiev, Bulgaria

E. Aleksandrova, M. Nikolova, I. Erkanyan, E. Tilkiyan

004

Correlation of hsa-mirna-342-3p and SOX 6 expressions with diabetic nephropathy classification, prognostic histomorphological parameters and laboratory findings in renal biopsy diagnosis with diabetic nephropathy

Gözde Arslan, Turkey

Y. Karabulut, İ. Yeleser, M. Erdal, S. Demir, A. Özdemir

005

Evaluation of the number of eosinophils in interstitium of kidney biopsies of patients with diabetic nephropathy: can it predict the prognosis?

Javier Carrillo Checa, Spain

J. Torres Ortiz, A. Hernández García, M. Villca Huayta, A. van der Biezen, M. Tribaldos Villar, D. Arroyo Rueda, F. Díaz Crespo

006

Surveillance biopsy in recipients of kidney transplantation

Irina-Draga Caruntu, Romania

R. Avram, A. Covic, T. Andrian, A. Covic, S. Giuşcă

007

The function of renal cortex and proteinuria: a human biopsy study

Maria Bernadette Che Ying Chow, Hong Kong

S. Brodsky, A. Chow

008

Nephrotoxicity of chemotherapy: ten years' experience

Marta De Uribe Viloria, Spain

V. Macarrón, G. Escuer-Albero, S. Quinones, C. Fuentes Fernández, M. Vega Cabrera, B. Rivas, E. García Fernandez, L. Yevenes

009

Kidney biopsy evaluation in ANCA-associated vasculitis: a diagnostic and prognostic tool to be empowered

Claudia Andrea Gomez Gonzalez, Turkey

B. Sarsık Kumbaracı, F. Tastekin, Z. Akcalı, S. Sen

010

Renal changes as adverse effects of VEGF inhibitor therapy in patients with malignant diseases

Matija Horacek, Croatia

P. Šenjug, J. Josipović, G. Radulović, K. Altabas, D. Galešić Ljubanović

011

Unusual onset of a CCRCC with metastases in the vagina

Alexandru Mazuch, Romania

D. Anderco, A. Cumpănaş, A. Dema

012

Collagen-specific molecular chaperone (Hsp47) could reveal cells involved in renal fibrogenesis – a potential target for future therapies?

Ana Mijljević, Serbia

G. Nikolic, M. Pecic, D. Milivojevic, P. Djuric, A. Jankovic, R. Naumovic, S. Radojevic Skodric, N. Bogosavljevic, M. Zivotic

013

Severe cryoglobulinemic vasculitis associated with monoclonal gammopathy: a challenging case of masked deposits

Guilherme Nogueira Fontinha, Portugal
B. Fernandes, L. Rodrigues, A. Esteves, A. Pimenta, J. Amaral, R. Alves, V. Sousa

014

Double kidney transplant due to IgA nephropathy and chronic active antibody-mediated rejection

Julio Osuna Soto, Spain
F. Leiva-Cepas, M. Huelva López, I. Sánchez Ramírez, M. Gálvez-Medina, R. Sánchez-Sánchez, R. Ortega Salas

015

Case series of fibrillary glomerulonephritis with the DNAJB9 expression

Huri Kübra Uzkuç, Turkey
B. Sarsık Kumbaracı, Z. Akcalı, A. Çeltik, M. Seziş, S. Şen

016

The role of pronase digestion and electron microscopy in the diagnosis of monoclonal gammopathies of renal significance

Mariña Veras Lista, Spain
B. Garzón, M. Alonso Riaño

017

Light chain-associated acute tubulointerstitial nephritis: two case reports and literature review

Coca-Mihaela Vieru, Spain
M. Abascal Camacho, R. Melero, C. Encinas, B. Sualdea Peña, A. Van Der Biezen, M. Villca Huayta, F. Menarguez Palanca, F. Díaz Crespo

018

The importance of quality in renal biopsies

Michela Vincis, Italy

T. Gul, A. Canino, B. Doyle

019

Evaluation of covid-19 expression in kidney biopsies after covid-19 vaccination and/or infection

Yasemin Yuyucu Karabulut, Turkey
G. Aydın Demir, A. C. Çiftçi, A. B. Eser, K. Turgutalp

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E-Posters

Cardiovascular Pathology

002

Primary cardiac undifferentiated pleomorphic sarcoma: report of a rare entity

Slim Charfi, Tunisia
S. Makni, S. Graja, T. Ellouze, L. Bouzidi, S. Hidouri, A. Hentati, T. Sellami Boudawara, M. Zghal

004

A rare case of segmental arterial mediolysis presenting with life-threatening haemorrhage following multivisceral transplantation

Jose Coelho Lima, United Kingdom
S. Preston, N. Russell, I. Amin, A. Butler, A. Paterson

005

Arrhythmogenic cardiomyopathy phenotype associated with an ACTN2 and LMNA gene variant of uncertain significance (VUS)

Jose Coelho Lima, United Kingdom
H. Cox, E. Curtis, H. Lim, C. Chue, D. Neil

006

Intracardiac cavernous hemangioma: case report

Hazal Erdogan, Turkey
N. Şeker

007

Histopathology of the heart atrial appendages in atrial fibrillation after cardiac surgery

Zarina Gioeva, Russia
N. Gutyrchik, L. Kakturskij, D. Areshidze, M. Kozlova, A. Stonogin, V. Savina, L. Mikhaleva

008

Pathomorphological characteristics of the heart involvement in systemic amyloidosis

Zarina Gioeva, Russia
L. Mikhaleva, A. Volkov, V. Pechnikova, L. Erofeeva, M. Mnikhovich, T. Bezuglova, N. Shakhpazyan

009

The role of cardiac amyloidosis in thanatogenesis of familial Mediterranean fever

Soma Hambardzumyan, Armenia
D. Ghazaryan

010

Extremely rare location of a heart tumour
Rosa Helena Henriques De Gouveia,

Portugal

C. Carreira, F. Corte Real

011

An autopsy case of secondary dilated cardiomyopathy with unexpected endocrine tumour

Milena Jovanović, Serbia

J. Petrović, S. Tatić, M. Đuknić, I. Petrovic, R. Janković, S. Glumac

012

A case of fibromuscular dysplasia of coronary arteries and congenital heart disease in a newborn

Yuliia Kuzyk, Ukraine

013

A unique case of the combination of giant cell aortitis, arteritis, and coarctation of the aorta in the 3.5-month child

Yuliia Kuzyk, Ukraine

014

Cardiac blood cysts – case report and literature review of a rare entity

Huan Ying Chang, Singapore

S. Lai, L. Punjabi, W. Ong, Y. Keh, M. Amanullah

015

A unique case of post-transplant progression in a cardiac allograft with pre-existing transthyretin amyloidosis

Laura Lockau, Canada

S. Smith, E. Tweedie

016

Coronary stents examined with a scanning electron microscope

Bokhodir Magrupov, Uzbekistan

V. Ubaydullaeva

017

Morphologic spectrum of a heart damage in methadone-toxicity related deaths

Angelina Malysheva, Russia

E. Romanova, O. Reshetnikova, A. Ermakov

018

The study of clinico-pathological predictors for post cardiac transplant rejection

Gabriela Patrichi, Romania

A. Patrichi, C. Satala, S. Voidăzan, A. Sin

019

Quantitative assessment of cardiac muscle fibers density depending on cause of death
Iancu Emil Plesea, Romania

M. Șerbănescu, V. Grigorean, I. Avramescu, L. Iovan, L. Eftimie, R. Pleșea

020

Discovery of ascending aorta dilatation in a male: unravelling the underlying pathology

Cecilia Salzillo, Italy

L. Giovannico, G. Fischetti, A. Marzullo

021

Advancements in understanding and managing chagas cardiomyopathy: implications for global health – a scoping review

Lara Vasconcelos Cavalcante, Brazil

M. Figueiredo, A. Felipe Dias, G. Gadelha Costa, G. Lopes Teixeira, L. Brasileiro Marques, J. Carneiro Melo

022

Intimal sarcomas of the heart and great vessels

Vittorio Maria Virgone, Italy

A. Celi, A. De Martino, M. Levantino, A. Colli, R. Berchiolli, A. Pucci

E-PS-09

E-Posters

Electron Microscopy

001

Alternative use of C4d immunohistochemistry: an electron microscopic study on immunofluorescence negative kidney biopsies

Ozge Hurdogan, Turkey

S. Solakoglu, Y. Ozluk, I. Kilicaslan

002

The role of telocytes in the pathogenesis of massive localized lymphedema of the anterior abdominal wall (ultrastructural study)

Nadezhda Makarenko, Russia

I. Chekmareva, B. Gogina, O. Paklina

003

Chronic pancreatitis: ultrastructural changes of stromal compartment

Nadezhda Makarenko, Russia

I. Chekmareva, O. Paklina, D. Kalinin, D. Atyakshin

004

Ultrastructure of multinucleate trophoblastic giant cell in the myometrium of patients with placenta accreta spectrum

Natalia Nizyaeva, Russia

T. Sukhacheva, A. Milovanov, T. Fokina, T. Patsaev, V. Bochkov

005

Ultrastructural changes of the lungs in coronavirus infection

Marta Semko, Ukraine

Y. Kuzky

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E-Posters

Gynaecological Pathology

001

Clinicopathological study of leiomyosarcoma of the female genital tract: a single centre experience of 68 cases

Kshitija Adhav, India

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013

Sclerosing extramedullary hematopoietic tumour of gallbladder – a case report

Inmaculada Catalina-Fernandez, *Spain*

N. Maira González, D. Corrales Mateo, A.

Hens Perez, A. Caro Romero

014

Fatal outcome in idiopathic multicentric Castleman disease with TAFRO syndrome: case report

Mihai-Adrian Cerbu, *Romania*

A. Birceanu, I. Mergeanu, T. Turcu, R.

Grigore, G. Halcu

015

Leukaemia cutis preceding circulating blastic-phase-spread in chronic myelomonocytic leukaemia: a case report

Slim Charfi, *Tunisia*

O. Boudaouara, I. Dammak, R. Mallek, H.

Turki, T. Sellami Boudawara, L. Bouzidi

016

Piringer Kuchinka lymphadenitis: shall we go till histology to suggest the diagnosis of toxoplasmosis?

Slim Charfi, Tunisia

O. Boudaouara, L. Bouzidi, S. Makni, T. Sellami Boudawara, M. Bouhamed

017

Erdheim-Chester disease: about two cases and review of the literature

Dorra Chiba, Tunisia

I. Bahri, S. Ben Tekaya, W. Mokni, N. Ouini, A. Benabdelkader, H. Hamchi, B. Sriha, M. Mokni

018

Indeterminate dendritic cell tumour: case report with literature review

Dorra Chiba, Tunisia

S. Ben Tekaya, I. Bahri, W. Mokni, N. Ouini, A. Benabdelkader, B. Sriha, M. Mokni

019

ALK positive histiocytic proliferation with a DCTN1::ALK fusion

Yeon-Whan Choe, USA

D. Peker, M. Horwath, S. Gjorgova Gjeorgjievski

020

Plasmacytoid dendritic cells in breast implant-associated seroma fluid: a potential pitfall in workup for anaplastic large cell lymphoma

Yeon-Whan Choe, USA

M. Horwath, D. Jaye, S. Asakrah, D. Peker

021

Study of myeloid cell nuclear differentiation antigen (MND1) in primary cutaneous marginal zone lymphoma and primary cutaneous follicular lymphoma

Alicia Córdoba, Spain

I. Fernandez, A. De Oliveira, L. Ruiz, C. Llanos, D. Guerrero

022

A case report of pyoderma gangrenosum as an initial cutaneous manifestation of multiple myeloma

Miruna Cristian, Romania

K. Hebeda, A. Amir

023

Blastic plasmacytoid dendritic cell neoplasm (BPDCN) – a diagnostic challenge

Miruna Cristian, Romania

L. Şeicar, R. Polimaru, G. Baltatescu, E. Calin, A. Caloian, L. Mazilu, S. Deacu

024

Unusual bone tumour: primary bone lymphoma, 3 case reports and literature review

Hazal Erdogan, Turkey

N. Şeker

025

A novel JAK2 fusion in T-cell prolymphocytic leukemia

Ozgur Can Eren, Turkey

R. Stuver, T. Zhou, M. Zaidinski, A. Moskowitz, S. Horwitz, M. Ewalt, Y. Zhang, M. Lim

026

Chronic myeloid leukemia presenting as extramedullary T-lymphoblastic crisis and extramedullary hematopoiesis

Karen Tatiana Galvis Castro, Colombia

D. Martinez Baquero, C. Saavedra Andrade, R. Andrade Perez, M. Romero Prieto

027

Composite lymphoma with a methacronic presentation showing the same clonal immunoglobulin heavy chain (IGH) gene rearrangements

Karen Tatiana Galvis Castro, Colombia

A. Roza Cruz, M. Forero Rivera, M. Romero Prieto, R. Andrade Perez, C. Saavedra Andrade, D. Martinez Baquero

028

Hepatosplenic T-cell lymphoma diagnosis in a children through histopathology and flow cytometry – a case report

Karen Tatiana Galvis Castro, Colombia

M. Forero Rivera, A. Roza Cruz, D. Martinez Baquero, M. Romero Prieto, C. Saavedra Andrade

029

Blastic plasmacytoid dendritic cell neoplasm (BPDCN) as a development of chronic myelomonocytic leukaemia (CMML-1)

Silvia Gamba Torrez, Spain

S. Rubio Mediavilla, A. Hogeboom Gimeno, T. Zudaire Fuertes, A. Esteban Figuerola, J. Alberdi Ballina, J. Sola Gallego

030

CD30 negative T-cell lymphoma with ALK rearrangements: a first case of CD30 negative ALK positive anaplastic large cell lymphoma?

Javier García-Gómez, Spain

A. Muñoz, G. Martín-Small, K. Matute-Molina, A. Martín Franco, L. Varo Navarro, C. Sanz, A. Hernández, J. Mate, G. Tapia

031

T-Cell lymphoma with CD20 expression and presence of Reed-Sternberg cells: a unique and challenging case

Belén Garzon Prieto, Spain

M. Villar Espada, M. Suárez Sánchez, L. Pérez Ortega, J. Borrero Martín

032

Kimura's disease: a case report

Marco Asier Gil Galvín, Spain

M. Veras Lista, E. Revilla Sanchez

033

Variants of unknown significance: are they the answer to the clinicopathologic evolution of plasma cell neoplasias?

Claudia Andrea Gomez Gonzalez, Turkey

M. Hekimgil, N. Ozsan, A. Gunes, N. Soyer, S. Bozer, B. Durmaz, H. Akin, M. Tobu, D. Demir

034

The importance of histopathological features of bone marrow aspirate smear and trephine biopsy in myelodysplastic syndrome

Irem Guvendir, Turkey

I. Zemheri, A. Kaya, E. Kilicaslan

035

Pathohistological and clinical correlation in patients with multiple myeloma

Stefan Ivic, Serbia

I. Stanišić, Z. Milić, V. Trivunović, J. Baljak, T. Lakić

036

Follicular lymphoma of the ocular adnexa: a clinicopathological study of 15 cases

Berik Kaliullayev, Spain

J. Martínez, P. López, N. Fullana, M. Cortés, M. Gomà Gallego, M. Abia, H. Iliev, M. Paúles, J. Azcarate, J. Bosch, F. Climent

037

Tissue involvement followed by exsanguination – an unexpected complication of chronic lymphocytic leukemia

Shazia Khan, USA

H. Sanchez

038

Anaplastic lymphoma kinase (ALK)-positive histiocytosis with ALK-EML4 fusion – presentation as a pulmonary lesion

Olga Kuczkiewicz-Siemion, Poland

M. Ruskai-Bakun, K. Seliga, A. Tysarowski, P. Wołoszyn, D. Pierzchała, A. Wojewódzka, A. Szumera-Ciećkiewicz

039

CD5-negative and CD10-positive mantle cell lymphoma: a clinicopathologic and gene expression study

Shaoying Li, USA

J. Xu

040

The impact of molecular testing on Large B-cell lymphomas in a regional referral centre

Rachel Lockhart, Ireland

L. McKenna, O. O'Brien

041

Kikuchi Fujimoto and Covid-19

Ana López Prieto, Spain

J. Machuca Aguado, R. Rendon, J. Villar, J. Ríos

042

Clinicopathological analysis of splenectomy's role in splenic lymphoma management: a two-decade retrospective study

Victor Macarrón, Spain

M. Abad, M. De Uribe Viloria, E. García Fernandez, G. Olmedilla

043

Unveiling the MYD88 V217F mutation: a diagnostic challenge in low-grade B-cell lymphomas with plasmacytic differentiation

Jesús Machuca-Aguado, Spain

F. Díaz de la Pinta, M. Quintero, R. Manso Alonso, J. Caballero Hernández, R. Salgado Sánchez, S. Rodríguez-Pinilla

044

Myeloid sarcoma (MS) presenting as skin tumour in paediatric acute myeloid leukemia (AML)

Joana Madeira, Portugal

S. Reis, R. Pina

045

ALK-positive large B-cell lymphoma with aberrant expression of CD4 and cytokeratins: a case report

Maria-Alexandra Matanie, France

L. Dubouis, E. Poullot, C. Robe, E. Lechapt, P. Gaulard

046

Breast implant-associated anaplastic large-cell lymphoma (BIA-ALCL): case report and diagnostic and therapeutic approaches

Sally Mcgrath, Ireland

L. McKenna, O. O'Brien, K. Pilson

047

Extra-nodal lymphomas of the head and neck: demographic, clinical and pathological characteristics in a moroccan serie

Sanae Moqran, Morocco

F. Harmouch, S. Aitbrahim, N. Elouatassi, G. Berradi, L. Tahiri, L. Chbani, N. Hammas

048

A complex presentation of Langerhans cell histiocytosis in adult with BRAF V600E mutation: a case report

Nabila Moulai, Algeria

R. Bennoui, M. Guermi, S. Ahmed Allal, W. Ouahioune

049

A rare case of ureteral diffuse large B-cell lymphoma emerging in a patient with Polycythemia Vera JAK2 V617F mutation: a unique presentation

Nabila Moulai, Algeria

M. Amtout, M. Guermi, R. Bennoui, G. Ifaidi, W. Ouahioune

050

Epidemiological and pathological profiles of T/NK cell lymphomas: a retrospective study

Nabila Moulai, Algeria

I. Benameur, R. Bennoui, M. Guermi, S. Ahmed Allal, G. Ifaidi, W. Ouahioune

051

Impact of Epstein-Barr virus status on microenvironment profiles in diffuse large B-cell lymphoma: a prospective study

Nabila Moulai, Algeria

M. Guermi, R. Bennoui, G. Ifaidi, W. Ouahioune

052

Myeloid sarcoma: a rare presentation of myeloid neoplasm – a case report

Makhlouf Nadia, Tunisia

M. Hamdani, M. Walha, K. Bel Haj Ali, A. Khabir

054

Follicular lymphoma and chronic lymphocytic leukemia, 10 years, single institution

Zoran Nikin, Serbia

T. Ivkovic Kapic, N. Solajic, T. Vasiljevic, L. Popovic, M. Popovic

055

Primary uterine T-cell lymphoblastic lymphoma: an uncommon localization-about a case

Leila Njim, Tunisia

A. Ben Mabrouk, M. Hamzaoui, M. Njima, A. Bellalah, A. Zakhama

056

PseudoRichter-transformation in patients with small lymphocytic lymphoma after ibrutinib interruption – a case report

Eva Oliva Domínguez, Spain

I. Orbegozo Arrizabalaga, K. Gonçalves Villarreal, I. García Miranda, M. Ramírez Feliz, J. Iparraguirre Santiago, A. Fernández de Larrinoa Santamaría, L. Zaldumbide Dueñas, M. Vázquez Peraita

057

Immunohistochemical expression of p53 in adult Burkitt lymphomas

Ece Özogul, Turkey

B. Sayinalp, A. Üner, A. Saglam Ayhan, S. Akın, İ. Barista, Y. Büyükaşık

058

Primary hepatic extranodal marginal zone lymphoma: an extremely rare entity presented in a colonic adenocarcinoma patient

Batuhan Pamuk, Turkey

B. Özbek, N. Alhan, O. Salim, I. Kuzu

059

Follicular lymphoma with diffuse growth pattern and CD23 expression: a series of 15 cases diagnosed in our hospital during the 2014-2024 period

Yaiza Rey Fanjul, Spain

E. Mateo Álvarez, C. Grau Polo, D. Rodriguez Villar, P. Gonzalvo Rodríguez, J. Cuevas Fernández, E. Asensi Miranda, R. Rodríguez Aguilar

060

Composite classic Hodgkin lymphoma and follicular lymphoma: case report of a rare and poorly characterized entity

Diogo Sá, Portugal

S. Neves, I. Araújo, F. Costa, J. Vizcaino

061

Beyond the unusual: a trifecta of vascular transformations

Ana Santos, Portugal

R. Oliveira, P. Lupi

062

Myelomastocytic leukemia: an understated entity, a case report

Anna Sifre-Ruiz, Spain

M. Buda, A. Cordovilla Morneo, C. Esquina Rodriguez, I. Etxebarria Fernandez, M. Alarcón-Amaya, V. Moreno-Nieto

063

Plasmablastic lymphoma of the oral cavity in an immunocompetent elderly patient-case presentation and review of literature

Simina-Petra Simion, Romania

D. Buteică, L. Baniás, D. Smaranda, H. Emőke

064

Relapse of acute lymphoblastic leukemia limited to the uterine cervix: a case report

Ben Tekaya Sirine, Tunisia

T. Tlili, O. Bado, N. Ouini, I. Bahri, W. Mokni, H. Hamchi, B. Sriha, M. Mokni

065

Systemic amyloidosis associated with chronic lymphocytic leukemia: clinical and pathological study

Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, E. Guryanova

066

Clinicopathological insights into primary breast diffuse large B-cell lymphoma: a case series

Antonia Syrnioti, Greece

K. Boulogeorgou, S. Chatzileontiadou, C. Frouzaki, A. Fola, I. Xenidis, T. Koletsas

067

Extranodal Burkitt's lymphoma presented as an epidural mass of the thoracic spine – a rare case

Zoi Tatsiou, Greece

K. Chatzidimitriadis, M. Apostolidou, S. Stamatou, A. Orfanidou

068

Crystals and chains: a symphony of neoplastic plasma cells

Ana Elisa Teles, Portugal

F. Soares Nogueira, S. Carralas Antunes, A. Galzerano, D. Gomes Pinto

069

Plasmablastic lymphoma of thyroid in an HIV-negative patient: a case report

Nikolaos Tepelenis, Greece

G. Pazarlis, C. Roumbas, G. Kakiopoulos, C. Paschalidi, T. Choreftaki

070

Acute erythroid leukaemia, analysis of two cases

Eva Maria Vazquez Tarrio, Spain

A. Díez Fernández, L. Astilleros Blanco de Cordova, E. Revilla Sanchez

071

Study of three cases of follicular variant of peripheral T cell lymphoma (PTCL) – a rare and aggressive subtype of nodal lymphomas of T follicular helper (Tfh) phenotype

Surabhi Vidhale, India

N. Oza, S. Gujral, S. Kane

072

A case of adult T-cell leukemia/lymphoma with HTLV-1-infected Hodgkin and Reed-Sternberg-like cells

Daisuke Yamashita, Japan

S. Bamba, K. Karube, T. Ishikawa, S. Hara

073
Follicular lymphoma nomenclature according to the WHO 2022 classification: How much has changed in the daily routine?

Nese Yeldir, Turkey
A. Cakir

075
Atypical lymphocytic lymphoma transitioning into dendritic cell sarcoma after bruton's tyrosine kinase inhibitor treatment
Juzzy Tatiana Zúñiga Gaitán, Spain
M. Bosch Schips, A. Montaña Ramirez, J. Castellvi Vives

E-PS-12 **E-Posters**
Molecular Diagnostics Pathology Symposium

001
Molecular aberrations in non-high risk neuroblastoma progressing to high-risk neuroblastoma
Rixt Bruinsma, The Netherlands
M. Dierselhuis, W. de Leng, L. Kester, M. van Noesel, L. Tytgat, K. van de Ven, M. Wijnen, R. de Krijger, L. van der Steeg

002
mRNA expression level of ALK in neuroblastoma is associated with histological subtype, ALK mutations and ALK immunohistochemical protein expression
Rixt Bruinsma, The Netherlands
M. Fiocco, W. de Leng, L. Kester, K. Langenberg, L. Tytgat, M. van Noesel, M. Wijnen, L. van der Steeg, R. de Krijger

003
Prognostic value of molecular aberrations in low- or intermediate-risk neuroblastomas: a systematic review
Rixt Bruinsma, The Netherlands
C. Lekkerkerker, M. Fiocco, M. Dierselhuis, K. Langenberg, M. van Noesel, L. Tytgat, M. Wijnen, L. van der Steeg, R. de Krijger

004
BRAF-mutated tubular eccrine adenoma
Alicia Córdoba, Spain
I. Fernandez, M. Mercado, C. Llanos, J. Yanguas, D. Guerrero

005
Immunological changes in gut barrier function by pro-inflammatory biomarkers linked ROS-cell death mechanisms by flow cytometry methods in Romanian liver cirrhosis patients

Elena Matei, Romania
A. Dumitru, G. Cozaru, A. Chiso, L. Alexandrescu, R. Popescu, M. Pundiche Butcaru, E. Dumitru, S. Rugină, C. Tocio

006
The effect of isocitrate dehydrogenase 2 (IDH2) gene variation and tert gene variation in prostate cancer
Ferda Özkan, Turkey
S. Güleç Yılmaz, T. Akdeniz, T. Isbir

007
Molecular diagnostic characteristics in non-small cell lung carcinomas (NSCLC) and its relationship with the PD-L1 expression
Aysenur Sert, Turkey
A. Sadioğlu, Ö. Ekinci, B. Ögüt, M. Inan, N. Akyurek

008
Comprehensive pan-cancer analysis of FRS2 gene alterations and protein expression in the TCGA (The Cancer Genome Atlas) cohort – a genome database study
Mimna V M, India

E-PS-13 **E-Posters**
Neuropathology

001
Clival IgG4-related hypertrophic pachymeningitis
Sadeq Al-Dandan, Saudi Arabia
T. Al-Haloully, M. Bafaqeeh, M. Tashqandi, M. Mohajry

002
Fatal invasive rhinocerebral aspergillosis with Hülle cells in a young immunocompetent male
Sadeq Al-Dandan, Saudi Arabia
M. Bafaqeeh, A. AlSawadi, F. Alkhureeb

003

Spinal ependymoma with eosinophilic hyaline droplets and rounded globular bodies

Sadeq Al-Dandan, Saudi Arabia

J. Al-Obeid, J. Majrashi, A. Almalki, A. AlHussain, I. AlAhmad

004

Contribution of immunohistochemistry in the diagnosis of brain metastases

Rania Aouadi, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

005

Histologically heterogeneous paediatric glioneuronal tumour with FG-FR1::TACC1 fusion

Erva Bengu Balaban Yilmaz, Turkey

C. Sönmez, F. Aker

006

Connecting the dots: molecular pathology contribution in brain tumours of young patients

Robert Alexandru Barna, Romania

A. Lamy, S. Vautier, C. Lazureanu, D. Herman, A. Dema, J. Sabourin, F. Marguet

007

Diagnosis of toxoplasmosis in brain biopsy

Irene Blázquez Muñoz, Spain

B. Kaliullayev, M. Gomez, J. Martinez, N. Vicente, J. Rodriguez, A. Domingo, N. Vidal

008

Neuropathological features of non-diffuse midline "neuroepithelial" tumours H3K27-altered: a single centre experience

Antonio D'Amati, Italy

A. Mastronuzzi, A. Olivi, F. Vegni, C. Mazzarella, L. Massimi, M. Gessi

009

RB1-altered pineoblastoma presenting as diffuse leptomeningeal lesion in a familial retinoblastoma patient

Antonio D'Amati, Italy

A. Ruggiero, E. Miele, F. Vegni, G. Attinà, S. Mastrangelo, L. Massimi, M. Gessi

010

Clinical and pathological features of solitary fibrous tumours in the central nervous system: a series of 14 cases

Yasmine Dhouibi, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, K. Bellil, S. Haouet

011

Primary isolated central nervous system lymphomatoid granulomatosis

Yasmine Dhouibi, Tunisia

A. Zehani, K. Ghedira, I. Dhkhil, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

012

Unveiling prognostic significance: Ki67 and CD44 expression in grade 2 meningiomas

Yasmine Dhouibi, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, K. Bellil, H. Azouz, S. Haouet

013

Paediatric intracranial angiomatoid fibrous histiocytoma with ESWR1::CREB1 gene fusion: a case report

Pauline Mae Dy, Philippines

K. Wahing, J. Bañez, E. Yturralde, E. Muñoz, S. Aw, K. Chang, G. Ozoa

014

Comparative analysis of histopathological features in grade 2 meningiomas with and without brain invasion

Sumeyye Ekmekci, Turkey

İ. Eraslan, Y. Adalı, B. Özamrak, M. Bozdağ, D. Ayaz, E. Pala

015

Central nervous system tuberculosis: a single-institution experience over 15 years

Omar El Mnif, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azzouz, K. Bellil, S. Haouet

016

Diffuse hemispheric glioma H3G34-mutant: a review of a case series

Francisco De Asís Gallardo Chamizo, Spain

E. Rivas Infante, R. Ávila Polo, E. Montijano Pozas, R. Rodríguez Rodríguez, L. Mosteiro González, L. Zaldumbide Dueñas

017

Solitary fibrous tumours: a case series
Hilal Kandemir, Turkey

018

Idiopathic granulomatous hypophysitis: a challenging diagnosis
Sahar Kanoun, Tunisia
M. Bouhamed, F. Kolsi, I. Dammak, S. Hidouri, C. Chaari, T. Sellami Boudawara, S. Makni

019

An unusual polyphenotypic cerebral tumour: where does the fifth-edition of the WHO Classification of Tumours of the CNS stands?
Rhea Khazen, Lebanon
C. Kesrouani

020

Beyond morphology: paediatric central nervous system tumours with NTRK fusions
Gülsah Kolak Gözükküçük, Turkey
T. Söylemez Akkurt, F. Kuşku Çabuk, B. Koçak, A. Erşen Danyeli

021

The relationship between primary organ and location in brain metastases: a 10-year experience of a single institute
Deniz Köse, Turkey
S. Nalbant, M. Karakus, C. Tanik, F. Kabukcuoglu

023

Atypical presentation of a meningioma
Liliana Leon, Spain
M. Gómez Mateo, N. Marínez Arnau, N. Estrada Mallarino, S. Hakim Alonso, J. Alfaro Torres, M. Guerrero

024

Primary desmoplastic round cell tumour of the central nervous system with EWS-R1::WT1 rearrangement: a case report
Enriqueta Montijano Pozas, Spain
E. Rivas Infante, C. Ramírez Sánchez, F. Gallardo Chamizo, P. Solano Pérez, M. Rivero Garvía

025

Predictive value of digital analysis of ki-67 in schwannomas with relapses after gross total resection
Dzhamilia Murzaeva, Russia
N. Matiashina, A. Musikhina, A. Bunyat, D. Matveeva, A. Sufjanov, Y. Zabrodskaya

027

Correlation of histopathology, electromyography and laboratory findings in non-specific myositis
Filippo Nozzoli, Italy
L. Tei, E. Nucci, G. Baroni, M. Capassoni, F. Galluccio, D. Massi, S. Guiducci

028

In-vivo fluorescein-assisted confocal laser endomicroscopy is a promising intraoperative tool in patients with glioblastoma: results from a prospective study
Filippo Nozzoli, Italy
G. Muscas, E. Nucci, F. Ugolini, D. Massi, A. Della Puppa

029

Sebaceous adenoma arising in intraventricular ruptured dermoid cyst: report of a rare case
Birsen Gizem Özamrak, Turkey
S. Ekmekci, Y. Pekcevik, H. Benek

030

An extremely rare case of bone metastases in a patient with grade 4 IDH-mutant astrocytoma
Ana Pestana Lopes, Portugal
R. Lyrio, M. Mafrá

031

Estimation of microvascular density in meningioma and its correlation with WHO histological grade
Iswarya S Nair, India
A. Mathews, N. Radhakrishnan, J. K M

032

Primary intracranial sarcoma, DICER1 mutant – case report of a very rare and recently described entity
Diogo Sá, Portugal
G. Carrola, M. Mexia, R. Taipa, M. Pinto, A. Coelho, F. Costa, J. Vizcaino

033

Solid growth pattern with at least focal comedonecrosis is suggestive of the mammary origin of brain metastases: a clinico-pathologic study on a series of 30 cases
Serena Salzano, Italy
J. Farina, R. Caltabiano, L. Salvatorelli, G. Angelico, G. Vecchio, G. Magro, G. Broggi

034

Metachrone glioblastoma in survivors of carcinoma

Veronica Scripcaru, Romania

L. Eva, G. Dumitrescu, A. Scripcaru, A. Dumitrescu, A. Sava

035

ALK-positive histiocytosis in the spinal cord of an infant, mimicking a glial tumour

Maria Senchenko, Russia

N. Myakova, A. Drui, L. Papusha, D. Kononov

036

Pleomorphic xanthoastrocytoma with receptor tyrosine kinase fusions: histologic and immunophenotypic features – overview of three cases

Maria Senchenko, Russia

L. Papusha, A. Drui, D. Kononov

037

Loss of H3K27me3 in meningiomas: a multicentre study

Cansu Sönmez, Turkey

A. Erşen Danyeli, Ş. Çetin, İ. Kulaç, F. Aker

038

SOX10 expression in hemangioblastomas – an immunohistochemical study of 27 cases

Jiri Soukup, Czech Republic

D. Netuka

039

Morphology and immunohistochemistry with surrogate molecular markers diagnose most brain tumours: highlights on the balance between microscopy and genetic diagnosis of brain tumours in the clinical practice

Albert Vamanu, United Kingdom

S. Downes, C. Troakes, R. Laxton, I. Bodi, Z. Reisz, S. Al-Sarraj

040

Next generation sequencing of 400 adult-type diffuse gliomas revealed diverse oncogenic fusions with potential therapeutic impact

Albert Vamanu, United Kingdom

K. Eggleton, R. Ellmers, P. Hirani, C. Limbachia, L. Bhaw, R. Laxton, I. Bodi, S. Al-Sarraj, Z. Reisz

041

Retinal vasculopathy with cerebral leukodystrophy – a case report

Aimée Jayciline Cicley Van Der Biezen, Spain

M. Villca Huayta, C. Vieru, F. Arias

042

Brain-tissue textiloma: a potential diagnostic pitfall

Aysen Yavuz, Turkey

B. Altunay, G. Ocak, İ. Güler

E-PS-14

E-Posters

Other Topics

001

The frequency and impact of missed histopathology reports

Sara Al Harthi, Oman

R. Al Ajmi

005

Efficacy of a peer to peer histopathology education scheme to improve engagement at a UK medical school

Elizabeth Bearblock, United Kingdom

A. Chang, S. Cadman, E. Jackson, M. Kalogeropoulou, J. Knight, M. Pandiaraja, C. Soh

006

Unusual, isolated localizations of Kaposi sarcoma: a series of 6 cases

Oussama Belkacem, Tunisia

I. El Hadhri, H. Hamchi, M. Krifa, S. Mestiri, Z. Lajmi, M. Mokni

007

Scurvy, still among us

Iraide Bernal Simón, Spain

D. Ugás Burranca, A. Ordóñez Arrillaga, M. Conde Ferreiros, A. Ezkurra Altuna, Y. Rodriguez, A. Juaristi, N. Segué Merino, M. Silva Carmona, I. Ruiz

008

Reduce, reuse, and recycle (3R) in pathology department: do we know how to do?

Begum Calim-Gurbuz, Turkey

S. Dursun, G. Kolak Gözükcük, Y. Ulu, R. Dogukan, Z. Tosuner

009

Mucosal melanomas: insights into clinicopathological and molecular profile in a series of 41 cases

Antonio Carrasco Lorenzo, Spain

C. Teixido, N. Castrejon, C. Montironi, A. Saco, J. Lop, R. Albero, A. García, L. Alos

011

Assessment of safety measures in pathology laboratories and evaluation of infectious, tumorous, and physical risks: the first survey in Morocco reviewing current practices

Sanae Chaib, Morocco

J. Kharmoum, M. Eljjar, I. Eliahia, K. Morabit, O. Faraji, Z. Ayoubi, G. Erradi, M. Chraïbi

012

Clinical-pathological correlations and immunohistochemical analysis of 13 primary Merkel cell carcinoma cases

Corina Costras, Romania

M. Craescu, P. Chiriac, S. Sabo, T. Tebeica

013

Revisiting dajani scoring system for assessing male infertility: a new standard for testis biopsies?

Guillaume Courtoy, Belgium

G. Tagmouti, L. Demoster, S. Khajjou, C. Degaille, H. Locy, R. Forsyth, W. Waelpu

014

Cutaneous piloleiomyomas with fumarate hydratase deficiency: a retrospective study

Maria Teresa Dawid De Vera, Spain

C. Ramírez Sánchez, E. Gallego Domínguez, I. Hierro Martín

015

Intrathoracic primary malignant mesenchymal tumours: a single centre study

Aysenur Demirci, Turkey

M. Toker, M. Inan, N. Akyurek, G. Esendagli

017

Updating macroscopic examination protocols and introduction of scientist histodissection – a quality improvement project

Adam Freegrove, Ireland

S. Al Mandhari

018

Audit on addendum reports with focus on report coding

Leticia Gallego, Ireland

F. MacSweeney

019

PRAME in melanocytic lesions and its correlation with TILs

Leticia Gallego, Ireland

F. MacSweeney

021

Extragenital germ cell tumours: 24 years cases review

Laura Hato Salmón, Spain

V. Macarrón, M. Esteban-Rodríguez, R. Regojo Zapata

022

Inhalation of lead nanoparticles induces cytoskeletal changes in the brain corresponding to neurodegenerative diseases

Adriana Jedlickova, Czech Republic

D. Kristekova, P. Coufalik, L. Vrlikova, L. Alexa, D. Luskova, K. Krumal, V. Jakesova, Z. Vecera, A. Hampl, P. Mikuska, J. Dumkova, M. Buchtova

023

Cutaneous Immunoglobulin A (IgA) associated lymphocytic vasculopathy: a diagnostic dilemma resolved on immunofluorescence

Adil Aziz Khan, India

A. Yadav

024

Inter-assay comparison of two PD-L1 IHC 22C3 pharmDx Assays for Dako Autostainer Link 48 (SK006) and Omnis (GE006) in different cancer types

Heidi Lykke Kristoffersen, Denmark

R. Røge, S. Nielsen

025

A rare case of primary localized cutaneous nodular amyloidosis with extensive osseous metaplasia

Faris Kubba, United Kingdom

L. Ian

026

Papular eczema mimicking papular mucinosis in a young patient, a diagnostic pitfall

Faris Kubba, United Kingdom

L. Ian, M. Ratynska

027

Morphologic diagnostic significance of microanatomical melanoma metastasis location in sentinel lymph node

Milda Kupryte, Lithuania

G. Belevičiūtė, P. Skučaitė, J. Makštienė, L. Poškiene

028

Malakoplakia manifesting as a pelvic mass: a case report

Zaineb Lajmi, Tunisia

S. Yacoub, S. Mestiri, M. Mokni

029

A unique presentation of lupus tumidus showing improvement with sun exposure

Nicholas Lao, Canada

A. Wang

030

Extensive immunophenotyping of circulating tumour cells for diagnostic monitoring in gastrointestinal cancer in correlation with conventional histological classification in gastric and colorectal cancer

Phillip Loehr, Germany

J. Waidhauser, P. Grochowski, N. Reitsam, B. Grosser, F. Sommer, A. Rank, B. Märkl

031

Two new cases of neutrophilic sebaceous adenitis: an extremely rare entity

Maria-Alexandra Matanie, France

L. Rames, P. Vuattoux, Z. Christelle, N. Ortonne

032

Two incidental cases of well-differentiated papillary mesothelial tumours

Osman Furkan Mülkem, Turkey

N. Şeker, E. Dündar

033

Rosai-Dorfman disease: a report of 5 cases and review of literature

Leila Njim, Tunisia

M. Hamzaoui, A. Ben Mabrouk, S. Mabrouk, S. Ben Hammouda, A. Zakhama, A. Bellalah

034

Novel use of simulation in histopathology training – the histopathology bootcamp

Ross O'carroll, Ireland

R. Farrell, F. Kelly, D. Byrne, S. Phelan, L. Aalto

035

Cutaneous metastases of solid tumours – a single institution experience with small dermatological biopsies

Ivana Petrović, Serbia

K. Kundovic, D. Petrovic, M. Bosic, J. Stojkovic Filipovic, D. Škiljević, M. Mijuskovic, B. Lekic, S. Minić, M. Gajic Veljic, V. Reljic, D. Zivanovic, J. Perić, M. Petrovic, E. Manojlović Gačić

036

Pilomatrixcarcinoma: when histology meets immunohistochemistry to perform a diagnosis

Eduardo Ponce Casas, Spain

F. Felipe Berlanga, S. Garcia Fuertes, R. Vilorio, M. Garcia Garcia, C. Cabañuz Rocatallada, L. Requena Caballero

038

Regarding 2 cases: breast implant-associated anaplastic large cell lymphoma

Melissa Alejandra Riera Bello, Spain

L. Luizaga Velasco, J. Lopez Diaz, A. Calderon Romero, C. Ferrer Cassado, C. Gonzales Minguez, X. Tarroch Sarasa

039

Impact of prolonged ischemia and fixation time on tonsil specimens stained with PD-L1 IHC 22C3 pharmDx

Charlotte Roach, USA

K. Kersch, J. Musser, S. Tabuena-Frolli, S. Hund, K. Kulangara

040

Cost-effectiveness for companion BRCA testing and adjuvant olaparib treatment in patients with BRCA mutated high-risk HER2-negative early breast cancer

Elizabeth Sheppard, United Kingdom

W. Ma, Y. Puneekar, G. Sagoo, S. Nikolova

041

Natural and accidental deaths depicted on postmortem computed tomography: a case series

Nadia Solomon, USA

J. Elifritz, N. Adolph, H. Sanchez, B. Gosangi, J. Kroll, B. Daly, D. Gascho, M. Thali, S. Thorn, M. Revzin, A. Sinusas

042

Chromosome 12p amplification and p53 abnormalities appear to be rare events in spermatocytic tumours (ST) with conventional morphology

Andrea Strakova Peterikova, Czech Republic

D. Trpakova, P. Steiner, P. Martinek, M. Michal, K. Michalova

043

Changes in biochemical parameters and expression of the Hif-1a gene in rat dermal fibroblast culture cells under hypoxic exposure

Natalia Tikhonova, Russia

E. Ponomarenko, M. Diatroptova, V. Mkhitarov, N. Zolotova, K. Artemyeva, O. Makarova

044

Interaction of endogenous adipose tissue with injured uterus as an indicator of uterine wound healing

Natalia Tikhonova, Russia

V. Aleksankina, A. Milovanov, T. Fokina, E. Kuznetsova, N. Nizyaeva, L. Mikhaleva

045

Review of specimen labelling in a tertiary referral centre (TFC)

Leah Timon, Ireland

R. O'Connor

046

Early activation of neutrophils in an early lupus model of systemic lupus

Ana Paula Velosa, Brazil

S. Carrasco, B. L. Liphaut, T. Vasconcelos Peixoto, T. Martins Lima, S. Catanozi, L. Gomes Rodrigues, A. Dos Santos Filho, W. Paganelli Rosolia Teodoro, D. Levy, F. Garcia Soriano, C. Goldenstein-Schainberg

002

Exploring the diversity of placental heterotypic tissue: insights from two case reports

Julia Azevedo, Portugal

A. Varelas, J. Pacheco, A. Costa Braga

003

Case report: ileo-ileal intussusception caused by ileal angiomyolipoma in 13-year-old female

Gorkem Bal, Turkey

E. Kul, C. Tanik, F. Kabukcuoglu

004

Correlation of the umbilical cord coiling pattern and foetal outcome: a single-centre observational analytical study

Diana Paula Burlacu, Romania

A. Burlacu, E. Ladanyi, B. Szabo, P. Calborean, T. Mezei

005

Paediatric small round blue cell tumours: immunohistochemical approach on small biopsy

Giorgia Cacciola, Italy

G. Attanasio, S. Poidomani, L. Salvatorelli, G. Angelico, G. Magro

006

Epidemiological characteristics and anatomopathological aspects of paediatric autopsies in a specific region

Juliana Carneiro Melo, Brazil

Á. Macêdo Freire, A. Carvalho Ferraz, V. Régia Oliveira Almeida, A. Galdino Saraiva, J. Oliveira Fernandes, S. Samuel Feitosa Machado, C. Gleidiston Lima da Silva

007

Histopathological characterization of Eosinophilic oesophagitis in children at a private laboratory in Northeast Brazil: 2012-2023

Juliana Carneiro Melo, Brazil

D. Nunes Oliveira, H. Baltasar Ribeiro Nogueira, H. Neves Feitosa Filho, A. de Carvalho Assunção, E. Correia Eulálio, J. Pedro Veras Torres, E. Sampaio de Lima, G. Ferreira Morgantetti, G. Alencar Medeiros, G. Azevedo Silveira

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E-Posters

Paediatric and Perinatal Pathology

001

Placental involvement in multiple sulfatase deficiency

Caterina Antoniacomi, Italy

G. Fiandrino, S. Cesari, A. Arossa, F. Sirchia, F. Inzani

008

Intracardiac yolk sac tumour in a 2-year-old child: histopathological and immunohistochemical insights – a rare case report

Paula Loredana Chiriac, Romania

A. Vasile, R. Tanasă

009

Pure high-grade foetal adenocarcinoma of the lung of a 17-years-old girl: case report

Paula Loredana Chiriac, Romania

R. Tanasă, F. Vasilescu, A. Enculescu, A. Vasile

010

Congenital infantile fibrosarcoma with ETV6::NTRK3 fusion of the oropharynx: a case report

Yikyeong Chun, Republic of Korea

011

Difficult diagnosis in an aggressive non-Hodgkin lymphoma with atypical evolution

Teodora-Elena Ciolan, Romania

A. Loghini-Ostafi, C. Șerban, D. Mihăilă, E. Cojocaru, C. Acatrinei, D. Zamosteanu

012

High grade round cell sarcomas with BCOR alterations – case report

Ljubica Cukovic, Serbia

L. Simić, J. Stefanović, G. Nikolic

013

Congenital oesophageal stenosis – a report of two cases

Miloš Đuknić, Serbia

J. Jevtić, M. Jovanović, S. Glumac, S. Sindić Antunović, M. Lukač, D. Vujović, N. Ristić, R. Janković

014

A giant congenital cervical teratoma: a case report of a non-well-known entity

Guillermo Escuer-Albero, Spain

M. De Uribe Viloria, I. Sánchez Ramírez, R. Regojo Zapata, J. Pozo Kreilinger

015

A case report of giant oesophagogastric tumour in a paediatric patient, emphasizing the importance of clinicopathological and genetic testing for accurate diagnosis

Silvia Gamba Torrez, Spain

S. Rubio Mediavilla, T. Zudaire Fuertes, A. Hogeboom Gimeno, H. Hernández Vargas, R. Narvaiza Martinez, J. Sola Gallego

016

Chronic chorioamnionitis with plasma cell predominance resulting in premature membrane rupture and foetal demise in 2nd trimester of gestation: first case reported

Chrysoula Gouta, Greece

D. Krasias, N. Athanasiadis, N. Tsiaras, E. Viktoratou, I. Tsakiridis, S. Angelidou

017

Heterotopic foetal liver tissue in the placental parenchyma: a case report of a rare entity

Chrysoula Gouta, Greece

D. Krasias, N. Savvidou, C. Yphanti, P. Ipsilantis, A. Kougioumtzidou, S. Angelidou

018

Widespread axonal dystrophy precedes atrophy and white matter spongiform change in adenylosuccinate lyase deficiency

Orli Greenberg, Canada

Y. Fisher, K. Chong, S. Shinar, P. Krishnan, P. Shannon

019

Retrospective clinicopathological study of paediatric renal malignant tumours diagnosed in a tertiary hospital over the past 5 years

Maialen Guerrero Gómez, Spain

S. Hakim Alonso, I. Marquina Ibáñez, J. Alfaro Torres, B. Roche Latasa, L. Ollero Domenche, J. Medrano Ruiz, J. Delgado Fernández, J. Martínez Castillón, L. Leon, N. Marínez Arnau

020

The aiagnostic value of calretinin immunohistochemistry in rectal biopsy specimens with incomplete structure in the diagnosis of Hirschsprung's disease: an institutional experience

Emoke Horvath, Romania

E. Lockli, Z. Derzsi

021

Diagnostic difficulties in a case of Hepatoblastoma with carcinoma features

Ewa Izyska-Swieszewska, Poland

M. Chodyna, H. Garnier, E. Wojciechowska, M. Murawski, J. Stefanowicz, P. Czauderna

022

Rare and unusual youngest case of aggressive plasma cell neoplasm in a 12-year-old boy

Sonali Jakkulwar, India

V. Agarwal, S. Gujral, N. Oza

023

Citrullinemia: a rare case of an autosomal recessive hereditary disease

Kirill Kosov, Russia

E. Guryanova, N. Zhuravleva, V. Diomidova, A. Pavlov, N. Uhterova

024

KRAS mutation in a metanephric stromal tumour with a large cellular component in an infant

Shamlal Mangray, USA

N. Patel, N. Shillingford, E. Uzun, L. Wang, C. Jackson, E. Yakirevich

025

A rare case of a medulloblastoma diagnosed in a foetal autopsy

Joao Martins Gama, Portugal

C. Courelas, J. Maldonado, J. Amaral, A. Lai, C. Cerdeira, R. Pina

026

Immature platelet fraction – flow cytometry biomarker used to express the inflammatory response and oxidative stress in Romanian preterm newborns

Elena Matei, Romania

I. Franciuc, M. Aşchie, A. Mitroi, A. Chiso, I. Poinăreanu, N. Dobrin, A. Stoica, T. Surdu, M. Manea, C. Ştefanov, G. Cozaru

027

PD-L1 expression in peripheral neuroblastic tumours: the first evidence of a possible therapeutic target

Manuel Mazzucchelli, Italy

G. Angelico, L. Salvatorelli, G. Broggi, G. La Cava, J. Farina, G. Tinnirello, L. Memeo, G. Magro

028

A mass that grows with the baby: a case of fibrous hamartoma of infancy

Lutfiye Dilsad Micoogullari, Turkey

R. Cecen, D. Kizmazoglu, O. Ulusoy, F. Sarioglu, H. Guleryuz Ucar, S. Aktas

029

Paediatric melanoma: about two observations

Wahiba Ouahioune, Algeria

N. Moulai, M. Guermi

030

Congenital intracranial adamantinomatous craniopharyngioma: a case report with histopathological and molecular characterization

Eva Manuela Pena Burgos, Spain

P. Armijos González, M. Arias Duarte, C. Martínez Payo, C. Bravo Arribas, R. Regajo Zapata

031

Massive subchorionic thrombohematoma (Breus' mole): case series with gross and histopathological description of this exceedingly rare entity

Eva Manuela Pena Burgos, Spain

L. Salmón, R. Zapata

032

CD 56 positive clear cell sarcoma of the kidney – case report

Jelena Stefanovic, Serbia

G. Nikolic

033

Comprehensive assessment of changes in neuronal structures in the heart in miscarriages at 15-21 weeks of gestation

Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, A. Polkovnikov, N. Zhuravleva, E. Guryanova

034

Sectional case of a combination of coronary artery malformation and non-compact myocardium of the left ventricle in an infant (a 7-month-old child: sudden coronary death)

Oksana Sudareva, Russia

S. Lezhenina, E. Ignatieva, A. Grigorieva, E. Guryanova

035

Systemic assessment of pathomorphological changes in the lungs in premature infants at a gestation period of 21-28 weeks

Oksana Sudareva, Russia

E. Ignatieva, S. Lezhenina, E. Guryanova, P. Grigorieva

036

Pediatric mediastinal NUT carcinoma: a diagnostic challenge on a small biopsy

Antonia Syrnioti, Greece

V. Antari, A. Tragiannidis, E. Hatzipantelis, T. Koletsas

037

Chronic and passive pneumopathy in a 4-month-old boy with hypertrophic cardiomyopathy

Lara Vasconcelos Cavalcante, Brazil

E. Tomé de Sousa, A. Barreto Rodrigues, P. Ye Wenyan, G. Gotardo Aguiar Gurgel, R. Soares Macedo, J. Aguiar de Arruda Coelho, J. Carneiro Melo

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E-Posters

Soft Tissue and Bone Pathology

001

Hibernomas express alpha methylacyl CoA racemase

Begoña Aguiar Losada, Spain

M. Conde Ferreirós, M. Resano Abarzuza, S. Abdulkader Sande, M. Vieytes Molares, A. López Cousillas, A. Moreno Barcos, I. Ruiz Díaz, A. Ordoñez Arrillaga, D. Ugas Burranca, J. Ortiz Rey

002

Soft tissue Rosai-Dorfman disease: a case report

Al Yazı Saif Hamood Al Saadi, Oman

003

Erdheim-Chester disease – case report and literature review

Alonood Al-Sulaimani, Oman

004

Intraosseous haemangioma: series of cases diagnosed in the pathology department of the Basurto University Hospital, Bilbao, Spain

Rosa Irene Alvarado Cuenca, Spain

L. Aguirrezabal Marcotegui, I. Fernandez de la Prieta, J. López Duque, A. Ugalde Olano, I. Cearra Guezuraga, C. Jiménez Zapater, A. Azueta Etxebarria

005

A spectrum of mesenchymal tumours with unusual locations arising in blood vessels: single centre case report series

Tamara Angelovska, North Macedonia

M. Kochoska, V. Risteski, V. Veslievska, S. Antovic, N. Jankulovski, S. Dohceva, B. Nikolovska, M. Bogdanovska-Todorovska, R. Jovanovic, S. Kostadinova-Kunovska

006

A rare vascular tumour mimicking epithelioid malignancies, pseudomyogenic hemangioendothelioma: a case report

Rabia Reyhan Askin, Turkey

B. Bilgic, G. Uverengil, H. Ozger

007

Epithelioid hemangioendothelioma of the abdominal wall: report of a rare entity

Ons Belhadj, Tunisia

S. Makni, S. Graja, C. Chaari, M. Miled, N. Gouiaa, T. Sellami Boudawara, C. Kammoun

008

A report of an exceptional case of rhabdomyosarcoma of the tongue harbouring THBS1::ALK fusion and literature review

Elena Bellan, Italy

C. Vieru, C. Borgia, L. Favero, M. Sbaraglia, A. Dei Tos

009

Recurrent leiomyosarcoma of the inferior vena cava: histological insights and clinical implications

Wiem Ben Makhlouf, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

011

The contribution of BCOR antibody to differential diagnosis in round cell sarcomas in the light of the 2020 WHO new classification and re-assessment with histopathological parameters

Hülya Bilgi, Turkey

C. Comunoglu

012

Symplastic/pseudoanaplastic Giant cell tumour: an uncommon variant of Giant cell tumour of bone

Lobna Bouzidi, Tunisia

S. Graja, M. Zghal, S. Makni, C. Chaari, M. Triki, N. Gouiaa, T. Sellami Boudawara, M. Bouhamed

013

Cutaneous mesenchymal neoplasm with ALK gene rearrangement in children: study of two cases and review of the literature

Filippo Cappello, Italy

L. Santoro, E. Bellan, C. Borga, L. Favero, M. Sbaraglia, A. Dei Tos

014

Immunoglobulin G4-related disease presented as a retroperitoneal mass: report of a rare entity and review of the literature

Slim Charfi, Tunisia

S. Makni, S. Graja, O. Boudaouara, M. Miled, T. Sellami Boudawara, M. Mellouli

015

Primary splenic angiosarcoma

Veselin Chonov, Bulgaria

G. Trenova, D. Bozhkova

016

A rare case of follicular thyroid carcinoma metastasis to the sacral region: a case report with literature review

Asma Dahmane, Tunisia

F. Gargouri, K. Tlili, N. Mansouri, C. Louati, I. Msakni

017

Osteosarcoma of the jaw in a teenager – report of a case

Bárbara Dantas Martins, Portugal

R. Cabrera

018

Inguinal lymphadenopathy – a frequent manifestation of a rare primary mesenchymal tumour

Sanja Despotovic, Serbia

L. Simić, M. Mihajlović, S. Rajkovic, G. Đuričić, J. Sopta

019

Challenging presentations of synovial sarcomas: shedding light on the uncommon

Adriana Paola Diazgranados Daza, Spain

T. Silva, I. Colmenero, G. Tapia, J. Chabla Jaramillo, M. Sesé, J. Hernandez-Losa, S. Ramon y Cajal Agüeras, C. Romagosa

020

Extrapulmonary inflammatory myofibroblastic tumour: a case series

Raoudha Doghri, Tunisia

S. Elfekih, A. Khemir, H. Arbi, I. Sassi, N. Baccar, N. Boujelbene, L. Charfi, G. Sahraoui, K. Mrad

021

Understanding histological organ involvement in retroperitoneal sarcomas: implications for recurrence risk

Leocadia Dore, Italy

L. Cenzi, Ö. Mintemur, L. Samà, V. D'Amato, F. Sicoli, P. Colombo, A. Bonometti, A. Bertuzzi, P. Navarra, F. Cananzi, S. Renne

022

Pleomorphic hyalinizing angiectatic tumour of the foot – case report

Luana-Francisca Dragostin, Romania

A. Coman, M. Cioplea, L. Sticlaru, S. Zurac

023

An unusual case of kaposiform hemangioendothelioma incidentally discovered within florid lymphangioma-like changes: a case report

Sule Kevser Dursun, Turkey

F. Doğan

024

Giant cell fibroblastoma: a diagnostic challenge

Nermine Ellouze, Tunisia

M. Njima, A. Ben Mabrouk, S. Mabrouk, A. Bellalah, L. Njim

025

Plexiform fibrohistiocytic tumour: a rare case report

Nermine Ellouze, Tunisia

S. Mabrouk, A. Ben Mabrouk, S. Ben Hammouda, D. Beltaifa, M. Njima, A. Zakham

026

Titanium debris in acetabular cup failures after total hip arthroplasty: histopathological perspectives

Samo Karel Fokter, Slovenia

Ž. Ledinek, E. Punzón-Quijorna, I. Novak, A. Moličnik

027

Endogenous ochronosis: a case report of an unusual disease

Nacho Franco, Spain

S. García Fuertes, C. Cabañuz, D. González-Suárez, J. Ros-Giménez, N. Sanz-Pérez

028

Exploring the uncommon: a case of a malignant peripheral nerve sheath tumour infiltrating the adrenal gland

Alexandros Georgiou, Greece

A. Therapontos, P. Vlachou, D. Efthymiou, S. Avgousti, G. Kyriakopoulos

029

Angiomatoid fibrous histiocytoma in the hand: a rare clinical presentation and diagnostic challenge

Jiro Ichikawa, Japan

T. Kawasaki, H. Imada, S. Kanno, M. Wako, T. Fujimaki, S. Ochiai, H. Haro

030

Chondroblastoma with secondary aneurysmal bone cyst: rare capitate involvement and diagnostic pitfalls with magnetic resonance imaging

Jiro Ichikawa, Japan

T. Kawasaki, M. Wako, N. Taniguchi, S. Ochiai, H. Haro

031

Primary synovial sarcoma of the bone – characteristics and the development of a diagnostic tool

Jiro Ichikawa, Japan

T. Kawasaki, H. Imada, S. Kanno, N. Taniguchi, T. Ashizawa, S. Ochiai, H. Haro

032

Synovial chondromatosis: rare metacarpophalangeal joint involvement and diagnostic challenges with magnetic resonance imaging

Jiro Ichikawa, Japan

T. Kawasaki, H. Imada, K. Onohara, S. Kanno, M. Wako, N. Taniguchi, S. Ochiai, H. Haro

033

Sarcoma with BCOR genetic alterations: a clinicopathological study of six cases

Omar Jaber, Jordan

M. Sughayer, W. Naser, I. Sultan, H. Halalsheh, S. Abdel Al, A. Shehadeh, O. Albtoush, Y. Saleh, S. Yaser

034

Mesenteric cystic lymphangioma: case report

Hilal Kandemir, Turkey

035

Keratin-positive giant cell-rich tumour of soft tissue – a case report

Serhat Kaymaz, Turkey

G. Cavus, A. Namal, A. Men, N. Çomunoğlu, Ş. Batur

036

Bone and soft tissue sarcomas: experience from the pathological anatomy laboratory, Mohammed VI University Hospital, Tangier, Morocco

Jinane Kharmoum, Morocco

M. Eljar, I. Eliahia, S. Chaib, K. Morabit, O. Faraji, Z. Ayoubi, G. Erradi, S. Alaoui Rachidi, M. Shimi, M. Chraïbi

037

CD34-positive spindle cell tumour with FGFR1::TACC1 fusion: entity of uncertain behaviour

Martyna Aleksandra Krupinska, Spain

R. López Henríquez, J. Marrero Afonso, C. Hernández León

038

Malignant granular cell tumour of the thigh: an extremely rare entity with highly aggressive behaviour

Martyna Aleksandra Krupinska, Spain

R. López Henríquez, J. Marrero Afonso, C. Hernández León

039

Primary cutaneous extraskeletal osteosarcoma of the thigh: a case report

Martyna Aleksandra Krupinska, Spain

R. López Henríquez, J. Marrero Afonso, C. Hernández León

040

Intranodal palisaded myofibroblastoma – a rare cause of lymphadenopathy

Olga Kuczkiewicz-Siemion, Poland

J. Tuziak, A. Szumera-Ciećkiewicz

041

Myxoinflammatory fibroblastic sarcoma with VGLL3 amplification – case series study

Olga Kuczkiewicz-Siemion, Poland

K. Olszewska, M. Grabowska-Kieryl, A. Wojnowska, M. Wągródzki, D. Pierzchała, P. Wołoszyn, A. Wojewódzka, A. Szumera-Ciećkiewicz

042

NTRK-rearranged spindle cell neoplasms – report of two cases with divergent morphology

Olga Kuczkiewicz-Siemion, Poland

K. Seliga, A. Tysarowski, M. Wągródzki, P. Wołoszyn, D. Pierzchała, A. Wojewódzka, A. Szumera-Ciećkiewicz

043

Primary intraneural PEComa with ASP-SCR1-TFE3 fusion

Ana Belen Larque Daza, Spain

L. Rojo, M. Rodrigo, L. Sisuaashvili, T. Silva, J. Hernandez, C. Romagosa

044

Coupled inhibition of transcription and translation as potential therapeutic approach for dedifferentiated liposarcoma

Victor Lee, Singapore

S. Leong, D. Wang

045

The role of FZD10 in synovial sarcoma

Victor Lee, Singapore

A. Sim, D. Virshup

046

Rhabdomyosarcoma versus “Triton” tumour – a case report

Nuno Lopes, Portugal

F. Cunha, F. Santos

047

Fibrous dysplasia of the maxilla and mandible – our 5-year institutional experience in light of literature review

Daniela M Proca, USA

A. Lazim, S. Amer, Y. Belogrivtseva, K. Khouri, R. Kuklani

048

Sporadic malignant melanotic nerve sheath tumour: rare clinical case

Dzhamilia Murzaeva, Russia

R. Talybov, V. Mochalov, A. Bunyat, D. Sitovskaya, Y. Zabrodskaya

049

Tumour immune microenvironment in recurrent schwannomas

Dzhamilia Murzaeva, Russia

A. Bunyat, N. Matiasheva, A. Bunyat, J. Belikova, A. Simonov, D. Matveeva, A. Musikhina, Y. Zabrodskaya, A. Sufianov

050

A rare sarcoma with YAP1::KMT2A::YAP1 fusion arising from the abdominal wall

Mann Hua Nam, Taiwan

Y. Kao

051

Subungual glomus tumour: a case report of a relatively rare soft tissue neoplasm

Andreea-Adriana Neamtu, Romania

A. Sabău, D. Chiorean, O. Cotoi

052

Molecular diagnostics of undifferentiated sarcomas – institutional experience

Katri Orte, Finland

J. Tuominen, J. Lasota, M. Miettinen, M. Kallajoki

053

Clinico-pathological spectrum of lipomatous tumours: a 10 years single-centre experience

Andrei Ionut Patrichi, Romania

S. Gurzu

054

Malignant chondroblastoma of the rib with cutaneous metastases and molecular characterization in a 57-years old patient: case report of this exceptional presentation

Eva Manuela Pena Burgos, Spain

J. Pozo Kreiling, F. Alijo Serrano, M. Cuervo Dehesa, L. Lombardia, C. Agra Pujol

055

Thoracic epithelioid hemangioendothelioma: an example of the utility of molecular diagnosis in limited specimens

Eduardo Ponce Casas, Spain

C. Cabañuz Rocatlada, S. Garcia Fuertes, R. Vilorio, E. Mejia, M. Garcia Garcia, G. Rios, F. Felipe Berlanga

056

NKX2.2 expression in Ewing sarcoma: differences in sensitivity between pre-treatment biopsy and surgical specimen – a case series

Alba Prat, Spain

M. Di Muro, S. Acosta, T. Vazquez, S. Bague Rosell, R. Orellana, C. Fumagalli

057

Massive localized perineal lymphedema: case report of a challenging entity

Georgian-Nicolae Radu, Romania

O. Cotoi, E. Szasz

058

CIC-rearranged sarcoma: a seven-case study

Monise Reis, Brazil

G. Teixeira, M. Yamashita, M. Cruz, A. Silva, S. Sargentini, L. Marques, R. Manuel Reis

059

Malignant chondroblastoma

Monise Reis, Brazil

L. Melo, M. Cruz, D. Losada, S. Sargentini, M. Yamashita, L. Feltrin

060

Synovial sarcoms presenting atypical FISH positive pattern with loss of green signal. Molecular characteristics of 2 new cases and systematic review of the literature

Janusz Rys, Poland

A. Kruczak, A. Adamczyk, K. Mularz, M. Rozmus-Piętoń, K. Majchrzyk, A. Harazin-Lechowska

061

Low-grade fibromyxoid sarcoma: unusual morphological findings

Xavier Sanjuán, Spain

M. Pané Foix, S. Villatoro, M. Varela, N. Vicente, M. Guerrero, R. Bosch

062

PRRX1-rearranged mesenchymal tumour: a case report of an emerging and likely underrecognized entity

Ivana Savic, Serbia

A. Brent, C. Angeles, D. Rottmann, E. Abdulfatah, J. McHugh, S. Schechter, N. Brown, K. Perry

064

Collagen V-oral immunotherapy attenuated synovitis, repair and protect articular cartilage in mBSA/CFA-induced arthritis

Lizandre Silveira, Brazil

S. Catanozi, M. Amador Pereira, A. Dos Santos Filho, S. de Moraes Fernezielian, A. Flores Yanke, Z. Jesus Queiroz, V. Elias Contini, T. de Matos Lobo, S. Carrasco, C. Machado Baldavira, R. Fuller, V. Capelozzi, A. Pereira Velosa, W. Paganelli Rosolia Teodoro

065

Neoplastic stromal cells with activated PDGFR β signaling as a potential new therapy target in giant cell tumour of bone

Iva Stanickova Zambo, Czech Republic

D. Zoufaly, M. Hermanova, J. Neradil, S. Paukoveckova, M. Mahdal, L. Pazourek, P. Mudry

066

Histopathology assessment of joint components reveals a similar pattern in focal chondral lesions and osteoarthritis

Walcy Rosolia Teodoro, Brazil

D. Ubrig Munhoz, C. Machado Baldavira, A. Pereira Velosa, V. Rodrigues de Souza, J. Alves Almeida, P. Nogueira Giglio, M. Kawamura Demange, V. Capelozzi, R. Gomes Gobbi

067

Differential diagnosis of telangiectatic osteosarcoma: correlation between radiological and pathological findings

Mariña Veras Lista, Spain

M. Tito Condori, A. Val-Carreres Castellote, S. Simonyan Hovhannisyan, C. Batista, A. Enguita Valls

068

Intraosseous spindle cell rhabdomyosarcoma with FET (EWSR1)-TFCP2 and LOC101929418-ALK fusions: a case report and literature review

Coca-Mihaela Vieru, *Spain*

M. Abascal Camacho, M. Villca Huayta, A. Van Der Biezen, C. Agra Pujol, F. Arias, V. Parra Blanco, F. Alijo Serrano

069

Intranodal palisaded myofibroblastoma – rare cause of limfadenopathy – case report

Anna Wasaznik-Jedras, *Poland*

M. Kotos

070

Leiomyosarcoma of the inferior vena cava: a case report

Mouna Zghal, *Tunisia*

M. Triki, S. Fendri, S. Makni, C. Kammoun, T. Boudawara, L. Bouzidi

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Digital and Computational Pathology

001

The pathology portal – an online educational platform

Emmy Abu, *United Kingdom*

J. Martin

002

AdaSlide: adaptive compression framework for digital pathology slides

Sangjeong Ahn, *Republic of Korea*

J. Lee, S. Lee

003

CutMix-augmented subtype classification in gastric spindle cell tumour

Sangjeong Ahn, *Republic of Korea*

S. Lee

004

Comparative impact of specialized educational content versus regular postings on user engagement in pathology on X (formerly Twitter)

Berk Kaan Aktas, *Turkey*

Y. Chornekyy, O. Yilmaz

005

PathoBox: facilitating dataset creation for pathology algorithm development

Vânia Almeida, *Portugal*

R. Jesus, Y. Castilla, L. Veloso, A. Silva, M. Reis Silva, I. Rodrigues, L. Bastião, L. Carvalho, V. Sousa

006

Prospective deployment of artificial intelligence pathology platform to three UK hospitals for real-time use in patient pathways

Jennifer Andreasson, *United Kingdom*

H. Montgomery, S. Johnston, M. Broadmore, C. O'Brien, K. White, S. Florio, A. Kansara, J. Oxley, D. Snead, M. Dolton, M. Horton, C. Verrill

007

Detecting abnormal p53 immunohistochemical expression patterns in patients with Barrett's oesophagus using artificial intelligence

Michel Botros, *The Netherlands*

L. Verheijen, O. De Boer, E. Bekkers, C. Sánchez, S. Meijer

008

Deep learning for giant cells arteritis diagnosis on temporal artery biopsy

Claire Toquet, *France*

R. Bourgade, M. Elhannani, D. Loussouarn, A. Guédon, R. Péteri, C. Allix-Beguec, M. Berthier, O. Espitia, C. Roncato

010

Registration-based 3D light sheet and 2D histology image fusion tool for pathological specimen

Marcel Brettmacher, *Germany*

P. Nolte, D. Pinkert-Leetsch, F. Bremmer, J. Mißbach-Güntner, C. Rußmann

011

The use of structured reporting and SNOMED CT to render high-quality usable and computable pathology cancer reports for oncology patient care, public health, and translational research

Scott Campbell, *USA*

J. Srigley, K. Sheahan, B. Rous, P. Seegers, G. Birdsong

012

Real-world performance of computer-assisted diagnosis in urine cytology

Alessandro Caputo, Italy

C. Ciaparoni, E. Maffei, P. Verze, P. Zeppa

013

Interpretation of cytomorphological features in thyroid fine needle aspiration biopsies using artificial intelligence

Mennan Yigitcan Çelik, Turkey

Y. Albayrak, N. Yılmaz, İ. Güner

014

Hardware annotation devices in computational pathology: a comparative analysis

Guillermo Ernesto Corredor Alonso, Germany

T. Falck, M. Testori, I. Bisha, Z. Kokaragac, C. Cotoi, S. Haneder

015

Bridging between pathologists' assessment and automated optical density measurements identifies the influence of the overall slide staining intensity on visual scoring

Corina Gabriela Cotoi, Germany

L. Meinecke, C. Sachs, M. Rebelatto, P. Martin, H. Hessel, A. Shumilov, S. Batelli, H. Allaei, M. Gustavson, S. Christ, S. Haneder

016

Bridging the gap: extending artificial intelligence benefits to microscope-based pathology for prostate cancer diagnosis

Stuart Dalrymple, Australia

J. Zhang, C. Petruccio

017

Grayscale with colorization can offer improved compression and resolution of digital pathology images

Leslie Dalton, USA

018

Fully automated AI solution may improve pathologists' standardization of HER2 scoring in breast cancer

Luca Di Tommaso, Italy

S. Uccella, B. Fernandes, R. Akpinar, T. Laohawetwanit, G. Mallel, R. Ziv, M. Grinwald, M. Vecsler

019

Streamlining MSI testing with AI analysis of H&E histology slides of colorectal cancer biopsies

Remy Dubois, France

J. Klein, O. Tchita, D. Jacobs, L. Guillou, C. Wiscart, A. Fouillet, K. Von Loga

020

MYCN status integrated classification of neuroblastomas by pathological image analysis using segmentation deep learning algorithms

Sumeyye Ekmekci, Turkey

E. Ipek, M. Apaydin, E. Ozer

021

Digital pathology adoption: a developing country perspective

Elsamaria Eloff, South Africa

R. Schoeman

022

Artificial intelligence-powered subtyping of thymic epithelial tumours from hematoxylin and eosin whole slide images

Anna Salut Esteve Domínguez, The Netherlands

F. Akram, S. Peeters, D. De Ruysscher, J. von der Thüsen

023

A novel bioinformatic solution for SISH-HER2 evaluation

David Guerrero, Spain

M. López Ferrer-Bonsoms, I. Amat, A. Pasco, A. De Oliveira, M. Aznárez, C. López-Molina, A. Córdoba

024

H&E-Net: a foundation model for computational pathology based on large-scale pretraining of a clinical pathology image dataset

Qiming He, China

J. Wu, Y. Liu, Y. Zhang, Z. Gao, J. Li, Q. Sun, S. Zeng, Y. He, Z. Wang

025

Novel dynamic Z stacks based volumetric scanning for PAP smears paves the way for mainstream adoption of digital cytopathology

Jaya Jain, India

R. Gupta, L. Puvvada, S. Unnithan, S. Thapa, P. Perugupalli

026

Bridging the translation gap in computational pathology: an exploratory case study

Solène-Florence Kammerer-Jacquet,

France

O. Baly, R. Cavalcante, P. Richard, C. Eloy, N. Rioux-Leclercq, F. Kletz

027

Deep learning-based early detection of oesophageal adenocarcinoma in histopathological images

Azar Kazemi, *Germany*

H. Nguyen, J. Horstmann, J. Slotta-Huspenina, M. Quante, P. Schöffler

028

Automatic precision cut lung slice analysis with few annotations using a two-stage deep learning approach

Till Nicke, *Germany*

F. Kock, N. Artysh, A. Prasse, H. Hoefener, A. Schenk

030

Digital preservation of historic pathology collections and integration of digital reconstruction into pathology educational system: experience of local pathology centre

Milda Kupryte, *Lithuania*

L. Poškienė

031

Efficiency of statistical prognostic model with artificial dynamic learning ability in oncopathology practice

Milda Kupryte, *Lithuania*

K. Merkevičius, M. Adomaityte, A. Cizauskas, R. Paukstaitienė, L. Poškienė

032

Microenvironmental tendencies in non-small cell pulmonary carcinoma (NSCLC) model: digital approach to morphometric analysis

Milda Kupryte, *Lithuania*

P. Skučaitė, V. Martinkutė, V. Ankudavičius, M. Žemaitis, L. Poškienė

033

Biomechanical bases of forecasting occurrence of carotid atherosclerosis

Yuliia Kuzyk, *Ukraine*

034

Automated classification of tuberculosis slide images using deep learning models at low magnification

Junghye Lee, *Republic of Korea*

J. Lee

035

Why is virtual H&E imaging technology not needed? Rapid intraoperative margin assessment in breast cancer surgery: evaluation of the true H&E-based PATHOSCOPE

Yi-Hsuan Lee, *Taiwan*

Y. Liao, H. Lien, M. Wang, C. Huang, P. Wu, B. Borah, Y. Chen, C. Sun

036

AI-driven quality control for immunohistochemistry: automated detection and exclusion of artifacts for downstream analysis in digitized pathology slides

Katja Lingelbach, *Germany*

M. Bauw, A. Schmidt, A. Baxendale, L. Ruff, S. Ruane, M. Alber

037

Improving histopathological screening of colorectal polyps using deep learning

Audun Ljone Henriksen, *Norway*

F. I. Julbø, M. Pradhan, E. Lindstrøm, L. van der Schee, M. X. Isaksen, A. Manet, O. Skrede, S. De Raedt, H. A. Askautrud, Ø. Holme, D. J. Kerr, M. M. Lacle, M. Novelli, A. Kleppe

038

Ex-vivo fusion confocal microscopy for an enhanced intraoperative frozen section diagnosis

Sandra Lopez-Prades, *Spain*

M. Gispert-Ruiz, A. Carrasco Lorenzo, C. Miralles, D. Salas Díaz, M. Romero-Sanchez, C. Fuentes, M. Rus, M. Hernández, Y. Duque-Jaimez, D. Martinez, E. Sanfeliu, M. Cuatrecasas Freixas, B. Gonzalez-Farre

039

Comparison of the efficiency and costs associated with the use of digital pathology versus conventional microscopy for the diagnosis of biopsies in a Spanish anatomical pathology laboratory

Maria Dolores Lozano, *Spain*

J. Echeveste, L. Álvarez, D. Carcedo, Y. Soto

040

Innovation for fast diagnostics in thyroid nodules. A pilot study combining instant digital pathology and fully automated real time PCR testing

Giulia Maricchiolo, Italy

V. Morano, A. Naciu, C. Taffon, A. Palermo, A. Crescenzi

041

Continuous IHC quality control using an AI-supported system

Bruno Märkl, Germany

J. Raffler, C. Herbst, J. Warkotsch, C. Wengenmayr, T. Schaller, R. Huss Ralf

042

Quantifying mismatch repair immunohistochemistry using digital pathology in colorectal specimens

Melissa Menard, Canada

N. Grinrod, M. Cecchini, B. Wehrli

043

Comprehensive digital pathology platform offering reliable digital evaluation of predictive and prognostic biomarkers

Tamas Micsik, Hungary

V. Jonas, B. Wichmann, R. Paulik, A. Jakab, L. Fonyad, A. Fintha, B. Molnar

044

Decision Tree-based rapid digital pathology – molecular diagnostic service

Yossef Molchanov, Israel

Y. Molchanov, C. Mayer

045

New integrated approach to reduce timeframe in lung cancer patients' management. A pilot study combining instant digital pathology and fully automated EGFR molecular testing

Vittoria Morano, Italy

G. Maricchiolo, S. Stigliano, L. Frasca, D. Biasutto, P. Crucitti, A. Gradilone, G. Giannini, F. Di Matteo, A. Crescenzi

046

Quantitative analysis of bile duct morphology and spatial distribution in nonalcoholic fatty liver disease / steatohepatitis liver biopsies across disease stages

Pierre Moulin, Switzerland

L. Ducor, C. Sempoux

047

Applicability of a Ki67 image analysis breast algorithm on gastro-intestinal and hepatopancreaticobiliary neuroendocrine neoplasms

Abhik Mukherjee, United Kingdom

G. Raghuram, L. Inge, S. Dance, G. Hyland, I. Parker, D. Sculthorpe

048

Convolutional neural network classifier for pT1 colorectal carcinoma detection

Eva Musulen, Spain

P. Cano, K. Saez de Gordo, M. Dacá-Álvarez, M. Pellise, M. Cuatrecasas, D. Gil

049

Utilizing deep learning model for assessing melanocytic density in resection margins of lentigo maligna

Noora Neittaanmäki, Sweden

J. Siarov, D. Kumar, J. Paoli, J. Mölne

051

Development of virtual models for surgical specimens – application in pathology

Guilherme Nogueira Fontinha, Portugal

V. Almeida, L. Veloso, J. Pimentel, N. Sousa, E. Santos, L. Bastião, L. Carvalho, V. Sousa

052

Multimodal fusion of pathological lung specimen based on 3D-printed cone-shaped phantoms

Philipp Nolte, Germany

C. Gröger, M. Brettmacher, M. Stammes, C. Rußmann, C. Dullin

053

A cutting-edge software technology to automatically quantify brightfield multiplex immunohistochemistry in penile carcinoma

Roberta Peraino, Italy

T. Franceschini, F. Ambrosi, A. Grillini, E. Franchini, E. Demaria, A. Gherardi, A. Bevilacqua, M. Fiorentino, M. Mottola

054

Computer-aided diagnosis in digital dermatopathology: automatic detection of malignant lesions

Remy Peyret, France

A. Nivaggioli, N. Pozin, M. Sockeel, S. Sockeel, S. Mazellier, C. Lefebvre, V. Rouleau, A. Gauthier, S. Kammerer-Jacquet

055

Morphometric assessment of cardiac muscle fibers density depending on age

Iancu Emil Plesea, Romania

M. Șerbănescu, V. Grigorean, L. Iovan, I. Avramescu, L. Eftimie, R. Pleșea

056

Multi-class and multi-institutional supervised learning classifier characterizes colon cancer and enables clinicopathological biomarker implementation

Meaghan Polack, The Netherlands

N. Coudray, B. Liu, A. Claudio Quiros, T. Sakellaropoulos, S. Crobach, R. Tollenaar, K. Yuan, H. van Krieken, W. Mesker, A. Tsirigos

058

Computational evaluation of uninvolved lymph node morphology predicts outcomes in locally advanced head neck cancer

Swapnil Rane, India

S. Gazi, N. Seshadri, T. Bameta, A. Sharma, S. Ghosh-Laskar, A. Sethi, A. Patil, N. Mittal, K. Rabade, M. Bal

060

Integrating spatial vessel analysis into tumour microenvironment characterization

Salvatore Renne, Italy

O. Mintemur, G. Grion, F. Colella, K. Roufai, C. Matteo, V. D'amato, M. Meroni, R. Frapolli, L. Morosi, G. Martano, F. Cananzi

061

Enhancing precision in HER2 in situ hybridization quantification in breast cancer: integration of a cancer cell classification model using deep learning

Iván Rienda-Martínez, Spain

J. Pinto, C. Eloy, A. Polónia

062

Evaluating the utility of large language models for cross-linguistic pathology reporting

Tommaso Romagnoli, Canada

S. Lin, A. Bychkov, L. Cima, E. Munari, S. Rasmussen, A. Sharma, R. Singh, E. Ullah, B. Wehrli, M. Cecchini

063

Immunosuppression in primary and recurrent colorectal cancer: prediction of response to therapy and prognosis

Giovanna Sabella, Switzerland

E. Daveri, I. Sorrentino, V. Lagano, M. Salvi, O. Pennisi, F. Molinari, G. Centonze, M. Milione

064

The development and validation of machine learning algorithms for accurately determining the nuclear grade of breast cancer in routine morphological diagnostics

Anna Semenova, Russia

V. Galkin, A. Artemieva, Y. Andreeva, Y. Vishnevskaya, N. Savelov, D. Voronkina, K. Botashev, V. Shatalov, Y. Andryukhina

065

The development of machine learning algorithms for decision-making support to help evaluate HER2/new-status in breast cancer diagnostics

Anna Semenova, Russia

V. Galkin, Y. Andreeva, Y. Vishnevskaya, N. Savelov, V. Shatalov, Y. Andryukhina, I. Kondratenko, D. Voronkina, V. Pirogova, L. Polyvanov, A. Artemieva

066

Utility of digital pathology in the evaluation of liquid-based PAP tests

Mine İlayda Sengör Aygün, Turkey

S. Erdogan-Durmus, C. Comunoglu, O. Yalcin

067

AI for advanced cancer diagnosis: a CAD System empowered by a novel vision transformer network for histopathology analysis

Ashkan Shakarami, Italy

L. Nicolè, S. Ghidoni

069

Quality control of AI-assisted cervical cancer screening diagnosis

Xiaorong Sun, China

J. Wang, H. Li

070

Validating an AI-based analytic tool for IHC staining QA: precision studies of the digital pathology pipeline

J. Mark Tuthill, USA

071

Comparison of conventional mismatch repair protein (MMR) expression analysis with QuPath positive cell count algorithm

Meral Üner, Turkey
K. Yilmaz, A. Üner

072

Introducing the MONKEY challenge: machine-learning for optimal detection of inflammatory cells in the Kidney

Dominique van Midden, The Netherlands
L. Studer, F. Ayatollahi, A. Farris, J. Kers, L. Hilbrands, J. van der Laak

073

Unlocking the potential of deep learning-based detection and quantification of tumour infiltrating lymphocytes in gastric cancer

Yiva Weeda, The Netherlands
D. Wessels, A. Mkundan, E. Bekkers, O. De Boer, W. Song, L. Kodach, S. Meijer

074

Creating a valuable decision tree from a knowledge graph: emphasizing topology over content

Cleo-Aron Weis, Germany
M. Legnar, S. Porubsky, Z. Popovic, A. Dendooven, S. Leh

075

AI case triaging of digital dermatopathology cases: a second pair of eyes in a digital workflow

Corina Gírléanu, Ireland
J. Weldon, M. Morrissey, R. Sykes, M. Colleluori, J. Fitzgerald, C. Durnin-White, S. Carmody, M. Rafferty, P. Moulin, A. Power, D. O'Shea, N. Mulligan, R. Chetty

076

Feasibility study of invasive breast carcinoma detection on HER2 immunohistochemistry and dual in-situ hybridization image

Yukako Yagi, USA
T. Ohnishi, N. Bakoglu, D. Ross

077

Optimal whole slide image formats for artificial intelligence training in digital pathology

Moses Yook, Republic of Korea
C. Jung, S. Yoon, I. Choi

078

Improving urothelial carcinoma diagnosis with enhanced MIL approach and sub-centre arcface loss

Hongjun Yoon, Republic of Korea
G. Hwang, D. Jeong, W. Cho, G. Gong, N. Cho, Y. Chong

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Head and Neck Pathology

003

Clear cell renal carcinoma's initial metastasis to the oral cavity

Vânia Almeida, Portugal
J. Lourenço, L. Carvalho

004

Tonsillar synovial sarcoma: a rare presentation in head and neck region – case report

Sura Alomari, Jordan
M. Al-Sheyab, S. Al-Khatib

005

MAML2 rearrangement in mucoepidermoid carcinoma of the salivary glands with oncocytic features

Andrea Ambrosini-Spaltro, Italy
F. De Paola, C. Ravaoli, M. Costantini, P. Rinaldi, M. Foschini

007

NTRK3-EML4 rearranged spindle cell tumour (diffusely infiltrating smooth muscle and soft tissues) of the oral cavity: a case report

Giulio Giuseppe Maria Attanasio, Italy
G. Broggi, L. Salvatorelli, G. Angelico, G. Tinnirello, G. Magro

008

Expect the unexpected: uncommon head and neck sites harboring pulmonary carcinoma metastases

Laura Banias, Romania
A. Iacob, B. Bögözi, Z. Kovacs, T. Mezei, S. Gurzu

009

Inhibition of platinum-induced BCL2 upregulation overcomes chemoresistance in head and neck squamous cell carcinoma through resensitisation to cell death

Anne-Sophie Becker, Germany
F. Klauk, T. Freitag, D. Strüder, B. Schneider, A. Zimpfer, C. Maletzki

010

Middle ear neuroendocrine tumour: a new case report and a review of the literature

Khouloud Ben Lazreg, Tunisia

A. Bellalah, A. Ben Mabrouk, S. Ben Hammouda, D. Beltaifa, A. Zakhama, M. Njima

011

A case report of an ameloblastic carcinoma

Chafaa Benallal, Morocco

A. Jaifi, H. Rais

012

High grade non-intestinal type sinonasal adenocarcinoma with micropapillary pattern and Pan-Trk immunohistochemistry positivity

Beyza Binici, Turkey

L. Cinel

013

Salivary gland oncocytic cystadenomas, how should we name them? Two case reports and literature discussion

Beyza Binici, Turkey

L. Cinel

014

Adamantinoma-like Ewing sarcoma of the nasal cavity: a challenging diagnosis

Lobna Bouzidi, Tunisia

M. Mellouli, F. Kolsi, S. Makni, M. Meddeb, S. Charfi, T. Sellami Boudawara

015

Clinico-pathological characteristics and molecular profiling of sinonasal inverted papillomas: a 5-year period institutional retrospective case series

Monica Bronte Anaut, Spain

S. Fernández Solé, A. Moreno Ibérico, S. Saez Álvarez, J. Arredondo Montero

016

Extracutaneous Merkel cell carcinoma: two case reports

Kübra Bulut, Turkey

S. Erkilic

017

MDM2 amplification in HMGA2 altered pleomorphic adenoma: a basis for malignant transformation?

Kimberly Burghout, The Netherlands

G. Breimer, S. Koppes, H. Hazelbag, M. Ooft, M. Raicu, A. Cleton-Jansen, T. van Wezel, R. van Eijk, D. Terlouw, S. van Egmond, N. Rupp, D. Cohen

019

Immunohistochemical analysis of R-loop burden in a cohort of Oropharyngeal Squamous Cell Carcinomas (OPSCC) with a poor prognosis

Hannah Crane, United Kingdom

K. Hunter, S. El-Khamisy

020

Kaposi sarcoma of the parotid gland: a rare presentation

Yasmine Dhouibi, Tunisia

I. Chelly, A. Zehani, A. Ayari, A. Khadhar, K. Bellil, S. Haouet

021

Malignant thyroid teratoma: clinical and pathological insights

Yasmine Dhouibi, Tunisia

S. Kamoun, Y. Houcine, M. Driss

022

Middle ear Neuroendocrine Tumours (MeNET): our single-centre experience with this infrequent and unpredictable pathology over the last 35 years

Guillermo Escuer-Albero, Spain

E. Sánchez López, S. Quinones, E. Ruiz-Bravo

023

Expression of p16INK4a, FLOT2, and EGFR in laryngeal carcinoma, prognostic significance and correlation with clinico-pathological characteristics

Radoslav Gajanin, Bosnia and Herzegovina

D. Djokanovic, O. Jovic Djokanovic, V. Gajanin, I. Sladojevic, Z. Gojković, Z. Gajanin

024

Laryngeal atypical lipomatous tumour: a case report of a rare entity

Iñigo Gorostiaga, Spain

A. Cordovilla-Moreno, A. Onaindia, L. Pagalday Gaztañaga, A. Viana-Cora, S. Fernández Solé

025

Expanding the spectrum of low-grade sinonasal adenocarcinoma with biphasic seromucinous differentiation and activating HRAS/AKT1 mutations

Viktoria Szabina Hadnagy, Switzerland

M. Körner, M. Rössle, P. Dubach, G. Pabst, A. Kutolova, S. Weder, R. Seifert, E. Rushing, D. Holzmann, M. Hüllner, S. Freiburger, N. Rupp

027

Mucinous cystadenoma: rare entity presenting as oral cavity lesion

Sonali Jakkulwar, India

A. Bashir, N. Gangane, N. Oza

028

Salivary gland carcinosarcoma arising in the palate from an adenoid cystic carcinoma: case report

Justino Jiménez Almonacid, Spain

A. Enguita Valls, L. Iglesias Docampo

029

Sinonasal teratocarcinosarcoma – a single institution experience from South India

Elsa Joy, India

A. Mathews, J. K. T. Somanathan, A. K R, I. S Nair, R. Kumar R

030

Nodular fasciitis in the buccal region – perspectives on definitive diagnosis using cytological samples

Tomonori Kawasaki, Japan

K. Kanemoto, S. Kanno, K. Kuba, R. Sato, M. Katoh, T. Yamazaki, M. Nakahira, Y. Ebihara, M. Hirasaki, T. Torigoe, Y. Yazawa, T. Muramatsu, T. Tashima, J. Ichikawa

031

Epistaxis as a first symptom of metastatic breast carcinoma

Dimitra Koumoundourou, Greece

P. Bosgana, S. Lygeros

032

Genetic profiling of HPV-associated and – independent head and neck squamous cell carcinomas by conventional NGS and liquid biopsy

Jukka Laine, Finland

P. Pakkanen, A. Silvoniemi, J. Hagström, M. Tamminen, K. Aro, L. Bäck, L. Aaltonen, H. Irjala

034

TIM-3- and TIGIT-expressing tumour infiltrating lymphocytes predict poor outcome in sinonasal mucosal melanoma

Stephan Ledderose, Germany

F. Klauschen, C. Ledderose, A. Sendelhofert, G. Ledderose

035

Periglandular halos in salivary gland adenoid cystic carcinoma: a potential histomorphological criteria for the diagnosis

Rine Limani, Kosovo

Z. Limani, L. Kondirolli, E. Bajraktari, S. Reçica

036

Sinonasal hamarthomas: a rare entity with a challenging diagnosis – how an accurate diagnosis impacts clinical and therapeutic management

Laura López Vilaró, Spain

A. Prat, D. Piñol, L. Catasús, S. Bagué Rosell, M. Casasayas, J. Gras Cabrerizo, J. Szafranska

037

Gnathic chondroblastic osteosarcoma – our institutional experience

Daniela M Proca, USA

J. Yin, S. Amer, D. Zenezan, A. Lazim, R. Kuklani

038

Gli-1 altered tumour: a case report

Sofía Merino Baamonde, Spain

M. Rubiera Valdés, E. Higuera Mora, C. González Rodríguez, C. Fuente Díaz, F. Pérez Rastrollo, M. González Gutiérrez, B. Vivanco Allende

039

Ewing sarcoma and adamantinoma-like Ewing sarcoma of the head and neck region in adults: a tertiary care cancer centre series

Neha Mittal, India

S. Rane, K. Rabade, P. Panjwani, M. Bal, B. Rekhi, A. Patil, M. Ramadwar

040

A case report of a sinusal NK/T-cell lymphoma, nasal type

Wafa Mokni, Tunisia

S. Yacoub, S. Bentekaya, D. Chiba, A. Benabdelkader, M. Mokni

041

Kaposi sarcoma of the larynx in an HIV-negative patient (a case report)

Wafa Mokni, Tunisia

N. Abdessayed, D. Chiba, A. Benabdelkader, M. Mokni

042

Tumour-like amyloidosis of the parotid: a case report

Makhlouf Nadia, Tunisia

M. Hamdani, M. Walha, K. Bel Haj Ali, I. Cherif, A. Khabir

043

Papillary neoplasm of head and neck: beyond morphological and immunohistochemical analysis

María Narváez Simón, Spain

C. Chamorro Santos, O. Preda, B. Rueda Villafranca, R. Ríos Pelegrina

044

Unexpected diagnosis of thyroid tuberculo-sis: a case report of two patients

Zeineb Nfikha, Tunisia

H. Belhadj-Miled, J. Houas, T. Tlili, I. Bahri, M. Abdelkefi, M. Mokni

045

Cementoblastoma of the mandible: about 2 cases

Leila Njim, Tunisia

D. Beltaija, A. Ben Mabrouk, S. Mabrouk, S. Ben Hammouda, A. Bellalah, M. Njima

046

Extraosseous ameloblastoma – a rare entity and a pitfall for squamous cell carcinoma

Rui Oliveira, Portugal

P. Carreira

047

Intestinal metaplasia as evidence of field cancerization in patients with intestinal type adenocarcinoma of the sinonasal region

Agnese Orsatti, Italy

M. Altavilla, P. Farneti, G. Sollini, A. Tosoni, E. Donini, E. D'Angelo, P. De Benedittis, L. Raffi, A. Camagni, P. Galli, E. Pasquini, G. Fellegara, M. Foschini

048

Artificial neural network renders cribriform adenocarcinoma and polymorphous adenocarcinoma of salivary gland two entities, and more!

Bacem Othman, Czech Republic

A. Skálová

049

Cutaneous metastasis on scalp of renal cell carcinoma: a case report and review of literature

Angelo Virgilio Pagliari, Italy

050

Respiratory epithelial adenomatoid hamartoma: a diagnostic challenge in sinonasal lesions

Angelo Virgilio Pagliari, Italy

051

Clinicopathologic features of chronic lymphocytic leukemia/small lymphocytic lymphoma of the Waldeyer's Ring: a twenty-five-year experience from a single institution

Alejandro Pasco Peña, Spain

I. Fernandez, E. Carracedo, A. De Oliveira Gomes, L. Ruiz, A. Panizo

052

The necessity of morphological and molecular integration: two cases of head and neck mucoepidermoid carcinomas and literature review

João Paulo Pereira De Castro, Portugal

G. Miranda, C. Perez Duque, P. Dias, M. Jácome

053

Histone H3K9 methylation in odontogenic tumours

Ekarat Phattaratatip, Thailand

A. Lam-Ubol

054

HPV-associated multiphenotypic sinonasal carcinoma. Tumour with indolent behaviour? A case-control study

David Piñol Ballús, Spain

L. López, S. Bagué, A. Gonzalez, A. Holgado, J. Gras, J. Szafranska

055

Heterotopic secretory carcinoma arising on neck lymph node

Giulia Querzoli, Italy

C. Liberale, A. Altimari, G. Molteni, M. Foschini

056

Malignant transformation in patients affected by hyperkeratosis and oral dysplasia

Giulia Querzoli, Italy

M. Petrocelli, E. Bariani, A. Baietti, D. Gissi, A. Gabusi, L. Montebugnoli, A. Tarsitano, M. Foschini

057

Head and neck lymphoepithelial carcinoma of non-nasopharyngeal sites – a case series

Katha Rabade, India

A. Patil, N. Mittal, S. Rane, M. Bal

058

Co-existence of papillary and medullary thyroid carcinoma: reports of three cases

Abir Rais, Tunisia

Y. Houcine, I. Mallek, S. Kamoun, S. Dellagi, M. Alaya, A. Lahmar, M. Driss, S. Ben Slama

059

Follicular dendritic cell sarcoma of the nasopharynx mimicking a meningioma: a case report

Abir Rais, Tunisia

Y. Houcine, S. Kamoun, M. Alaya, S. Ayadi, M. Driss

060

Immunohistochemical expression of p16 in tongue squamous cell carcinoma

Abir Rais, Tunisia

W. Khemiri, S. Kamoun, Y. Houcine, M. Alaya, W. Sleimi, M. Driss

061

Next-generation sequencing – its role in head and neck sarcomas

Golnaz Sadeghian, United Kingdom

D. Sinha

062

The role of podoplanin and MMP9 on the multifaceted signaling pathways in squamous cell oral cancer

Angela Santoro, Italy

G. Scaglione, D. Arciuolo, G. Angelico, N. D'Alessandris, M. Valente, B. Padial Urtueta, F. Addante, N. Narducci, P. Tralongo, A. Mulè, I. Di Stefano, M. Pedicillo, G. Pannone, G. Zannoni

063

A rare encounter: ectomesenchymal chondromyxoid tumour

Aysenur Sert, Turkey

G. Esendagli

064

Correlation of quantitative indicators of tissue tryptase and chymase with morphological and clinical characteristics of oropharyngeal cancer

Igor Sertakov, Russia

I. Moshurov, M. Olshansky, V. Shishkina, S. Stikhina, A. Fedortsov, S. Akulshina, A. Filin

065

The relationship between age-related changes in the thyroid gland and nodular pathology

Igor Sertakov, Russia

A. Goryacheva, A. Filin, E. Verbitskaya, E. Chupandina, A. Bobrovskikh, M. Bobrovskikh, V. Pozhidaeva, S. Selyavin, A. Tishchenko

066

Warthin-like mucoepidermoid carcinoma of the parotid gland, a challenging diagnosis in disguise: a case report and a literature review

Anna Sifre-Ruiz, Spain

M. Buda, C. Esquina Rodriguez, A. Cordovilla Morneo, I. Etxebarria Fernandez, M. Alarcón-Amaya, S. Fernandez Sole, M. Bronte Anaut

067

Riedel's thyroiditis with noninvasive follicular thyroid neoplasm with papillary-like nuclear features (NIFTP): a case report about an unusual association

Ben Tekaya Sirine, Tunisia

D. Chiba, W. Mokni, I. Bahri, H. Yoni, N. Ouini, A. Ben Abdelkader, B. Sriha, M. Mokni

068

Novel BCOR mutation in pharyngeal sarcoma patients: a case report

Woo Jung Sung, Republic of Korea

J. Hong, M. Song

069

Microsecretory adenocarcinoma of salivary glands: case report with literature review

Ana Marija Tomic, Serbia

D. Kablar, N. Tomanovic

070

Thyroid gland sclerosing mucoepidermoid carcinoma with eosinophilia

Keti Tsomaia, Georgia

I. Jikia, M. Jangavadze, N. Goishvili, N.

Gabidzashvili, B. Arabuli

071

Extranodal follicular dendritic cell sarcoma: a case report and review of the literature

Panagiota Vlachou, Greece

N. Stavrinou, E. Spiteri, A. Therapontos, E.

Athanasίου, E. Gioti

072

Calcifying fibrous tumour of submandibular gland clinically mimicking malignancy – a clinicopathology review and updates

Beverly Wang, USA

N. Kandiyil, Y. Haidar

073

Nasopharyngeal amyloidosis: a rare encounter within nasopharyngeal carcinoma

Mouna Zghal, Tunisia

S. Hidouri, M. Sellami, O. Boudaouara, C.

Chaari, I. Charfeddine, T. Sellami

Boudawara, R. Kallel

E-PS-19

E-Posters

Molecular Pathology

001

Utility of massive sequencing (Ngs) in the identification of biomarkers in biliopacreatic cancer

Ioana Cristina Abitei, Spain

T. Pereda Salguero, P. Gaspar López-Cózar,

E. Fernández Torres, M. Bautista de Ojeda

002

Comprehensive molecular genetic profiling: homologous recombination deficiency as a targeted therapeutic option for solid tumours

Imola Adamik, Hungary

Z. Melegh, T. Strausz, L. Báthory-Fülöp, A.

Simon, Z. Kürönya, E. Soós, E. Tóth

003

High tumour mutation burden assessed by comprehensive molecular genetic profiling as a targeted therapeutic option for solid tumours

Imola Adamik, Hungary

Z. Melegh, T. Strausz, L. Báthory-Fülöp, E.

Csernák, Z. Kürönya, E. Soós, E. Tóth

005

BRAF mutation in colorectal cancer: experience of the pathology department of Mohammed VI University Hospital Centre, Marrakesh, Morocco

Oumayma Ait Ouhssain, Morocco

C. Dabaj, H. Rais, B. Zinbi

007

A simple and cost effective patient derived ex vivo 3D spheroid culture as a promising tool for functional based cancer therapy predictions purpose

Asawari Ambekar, India

A. Banerjee, P. Pawar

008

TIM3 expression in human cancer: a tissue microarray study on 16,458 patients

Elena Bady, Germany

S. Büyücek, S. Etebar Farinani, N. Schräps, T.

Clauditz, M. Lennartz, F. Lutz, M. Kluth, N.

Gorbokon, F. Viehweger, S. Steurer, K.

Möller, R. Simon, G. Sauter, T. Krech

009

Novel recombinant monoclonal antibodies for G protein-coupled receptor (GPCR) research and disease characterization

Alexander Ball, USA

Y. Hsieh, C. Huang, S. Huang, S. Wu, J. Liu,

P. Peng, C. Lin

010

Detection of circulating HPV-DNA in liquid biopsy compared to histology in a large tumours spectrum

Nadia Ben Othman, France

V. Euzen, D. Vasseur, C. Smolenschi, J. Scoazec, M. Bani

011

The structure of germline variants in neuroendocrine tumours in Moscow patients

Natalia Bodunova, Russia

T. Yanova, A. Danishevich, M. Byakhova, M. Makarova, S. Gadzhieva, D. Isaeva, I. Khatkov

012

A retrospective evaluation of the occurrence of MAPK and PI3K/Akt alterations implicated in anti-EGFR treatment resistance in patients with left-sided colorectal cancer (ls-CRC)

Mariya Byakhova, Russia

T. Antonova, I. Pokataev, M. Ivanov, A. Lebedeva, V. Mileyko, A. Semenova, C. Babadzhanova, A. Tryakin, M. Fedyanin, V. Galkin

013

Blood MSI dynamics as a predictive biomarker of immune checkpoint inhibitor therapy efficacy in colorectal cancer (CRC): preliminary results from an observational trial

Mariya Byakhova, Russia

E. Veselovsky, V. Yudina, O. Kuznetsova, D. Kravchuk, A. Lebedeva, E. Belova, A. Taraskina, T. Grigoreva, A. Kavun, V. Nikulin, V. Mileyko, A. Tryakin, M. Fedyanin, M. Ivanov

014

IDH 2 – a new gene for personalized therapy in pulmonary adenocarcinomas – reports of two cases

Lina Carvalho, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, G. Nogueira Fontinha, J. Pimentel, V. Almeida, V. Sousa

015

Pulmonary adenocarcinoma: EGFR exon 19 insertion – report of 3 cases

Lina Carvalho, Portugal

A. Alarcao, A. Ladeirinha, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, V. Sousa

016

Pulmonary adenosquamous carcinoma – case series for mutational status

Lina Carvalho, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, G. Nogueira Fontinha, J. Pimentel, V. Almeida, V. Sousa

017

Harnessing the potential of Next-Generation Sequencing (NGS) to unravel the molecular landscape of lung cancer: a case report on a middle-aged patient with two synchronous lung adenocarcinomas harbouring two distinct actionable pathogenic genetic variants

Nuno Chiote, Portugal

G. Carrola, D. Sá, T. Santos, C. Vilasboas, J. Vizcaino, N. Jorge Lamas

018

Analytic concordance of a novel pan-tumour HRD signature biomarker between AVENIO tumour tissue CGP Kit V2 and FoundationOneCDx

Jonathan Choi, USA

H. Lo, N. Zhang, R. Chien, M. De Vos, S. Trabucco, T. Wieland, S. Wang, J. Jungmann, R. Huang, A. Schrock

019

Pilot study on NGS characterization of pancreatic ductal adenocarcinomas

Francisca Emanuel Costa, Portugal

J. Vizcaino, N. Lamas

020

Molecular analysis in the diagnosis of follicular lymphomas lacking BCL2 and BCL6 rearrangements

Miruna Cristian, Romania

K. Hebeda, P. Groenen

021

Ten years of assessing the application of somatic NGS testing through external quality assessment

Zandra Deans, *United Kingdom*

D. Cregeen, F. Khawaja, W. Gutowska-Ding, R. Goodall, M. Woodcock, J. Matilainen, C. Roos, A. Nair, S. Patton

022

KRAS mutations detection in colorectal cancer: PCR-direct sequencing or Idylla platform?

Raoudha Doghri, *Tunisia*

S. Elfekih, H. Douik, A. Khemir, Z. Abdelkafi, I. Nasri, L. Charfi, G. Sahraoui, K. Mrad

023

Developing EQA for HRD testing in ovarian cancer

Jenni Fairley, *United Kingdom*

Z. Deans

024

Beamion LUNG-1, a phase Ia/Ib trial of the HER2-specific tyrosine kinase inhibitor, zongertinib (BI 1810631), in patients with HER2-driven tumours: outcomes according to HER2 aberration type in lung and other tumours

Alexandra Feuersinger, *Germany*

F. Opdam, J. Heymach, M. Barve, H. Tu, Y. Wu, D. Berz, A. Mueller, U. von Wangenheim, J. Serra, K. Yoh, N. Yamamoto

025

BRCA1 and BRCA2 NGS data form FFPE tissue in prostatic cancer: where we are and where we aim to go

Alessandra Filosa, *Italy*

E. Antolini, E. Bartoli, E. Antaldi, M. Santoni, F. Giantomassi, G. Goteri

026

Molecular landscape of endometrial carcinoma – a single institution preliminary study

Lukasz Fulawka, *Poland*

A. Podgórska, K. Seliga, R. Zub, K. Koszucka, R. Łotocka, A. Kuźniar, M. Bidziński, A. Tysarowski

027

SMARCA4 gene alterations detected by NGS. Presence in lung cancer and implications on evolution and treatment

Paula Gaspar López-Cózar, *Spain*

I. Abitei, L. Robles Cabeza, M. Jironda Gallegos, E. Fernández Torres, M. Bautista de Ojeda

028

Initial experience of fluorescence in situ hybridization for MDM2 amplification in mesenchymal lesions of uncertain diagnosis

Laura González Lorca, *Spain*

A. Sánchez Espinosa, S. Blasco Muñoz, D. Pérez Parra, C. Capozzi, V. Alonso Aguirre

029

The use of ThyroidPrint® Assay in the study of AUS and FN thyroid lesions: our experience

David Guerrero, *Spain*

A. Echegoyen, J. Pineda, A. Gonzalez-Mayorga, E. Anda

030

Incidence of atypical fish patterns associated with ALK TKI therapy in NSCLC

Fatma Sena Gürevin, *Turkey*

B. Ögüt, M. Inan, N. Akyurek

031

Longitudinal monitoring of cell-free tumour DNA with next-generation sequencing in patients with oesophageal cancer

Clara Henssen, *Germany*

T. Steiert, S. Sebens, A. Franke, F. Richter, M. Forster

032

Adaptive homeostasis as a possible non-genetic regulator of BRCA1/2 splicing in ovarian cancer

Ewa Izzycka-Swieszewska, *Poland*

A. Jasiak, L. Anderson, S. Neumann, K. Buczkowski, M. Stukan, K. Grabowska, B. Wasqg, R. Weeks, L. Walker, G. Wiggins, H. Cunliffe, M. Ratajska

033

Analysis of BARD1 and its isoform beta (β) in paediatric tumours

Ewa Izzycka-Swieszewska, *Poland*

A. Jasiak, K. Czarnota, K. Buczkowski, J. Gulczynski, J. Stefanowicz, W. Grajkowska, M. Ratajska

034

Expression of minor spliceosome component U6atac: a pan-cancer study

Charlotte Komarek, Switzerland

J. Rodriguez Calero, A. Augspach, M. Rubin

035

Next-Generation Sequencing (NGS) for the identification of lung cancer oncogenic fusions: a retrospective study from a Portuguese University Hospital Centre

Nuno Jorge Lamas, Portugal

T. Santos, C. Vilasboas, X. Wen, F. Costa, J. Vizcaino

037

Multilocus inherited neoplasia alleles syndrome (MINAS) in a patient with Lynch syndrome and Gorlin-Goltz syndrome with corresponding MLH1 and PTCH1 pathogenic variants and dual phenotypic expression

Erinn McGrath, Ireland

M. Loughrey, I. Freyling, R. Kennelly, D. Winter, K. Sheahan

038

Accurately assessing the quality and quantity of cell-free DNA extractions

Fiona Moon, United Kingdom

J. Fairley, K. Nahlik, S. Deans

039

Hemimegalencephaly associated with drug-resistant epilepsy and a rare molecular genetic alteration in the CPA6 gene: a clinical case

Dzhamilia Murzaeva, Russia

D. Sitovskaya, V. Mochalov, R. Talybov, Y. Zabrodskaya

040

Role of the level of IGG fragments in blood serum in case of oesophageal cancer

Natalia Nizyaeva, Russia

E. Goufman, A. Aleksankin, K. Gershkovich, N. Tikhonova, M. Aksenova, I. Stepanova, V. Aleksankina, V. Bochkov

041

Beyond the crystal globe: unraveling molecular pathology's mixed bag of dreams

Maria Olinca Comanescu, Romania

R. Pirlog

043

Proteogenomics reveals varying levels of intra-patient heterogeneity in melanoma metastases

Tibor Pankotai, Hungary

B. Szeitz, Y. Hagemeijer, Z. Páhi, Z. Ujjfaludi, V. Doma, J. Gil, R. Appelqvist, J. Malm, K. Pawlowski, M. Szász, D. Fenyő, P. Horvatovich, G. Markó-Varga, L. Betancourt

044

Molecular characterization of synchronous sporadic colorectal carcinomas

Gabriele Ricciardi, Italy

E. Germanà, W. Giordano, M. Ballato, R. Scarfi, M. Santarpia, C. Pizzimenti, V. Fiorentino, M. Martini, A. Ieni, G. Giuffrè

045

Expression of PD-L1 in lung adenocarcinoma and its cerebral metastasis, and the association with survival

Miriam Rubiera Valdés, Spain

D. Corte-Torres, A. Vallina, J. Celis Pinto, S. Fernández Menéndez, K. Piña Batista, I. Fernández Vega

046

Clinical implications of next generation sequencing for the classification of endometrial carcinoma

Laura Sánchez, Spain

S. Perez-Buira, F. Rojo

047

Comparison between two commercial solutions for homologous recombination deficiency

Maria Sanchez Ares, Spain

R. Pérez-Becerra, T. Pereira Ares, I. Lesende Rodríguez, J. Antúnez López, J. Cameselle Teijeiro, I. Abdulkader Nallib

048

Circulating tumour cell culture

Suncana Sikiric, Croatia

S. Seiwerth, I. Kaloper Lovreković

049

KRAS mutations in pulmonary adenocarcinomas

Vitor Sousa, Portugal

A. Alarcão, A. Ladeirinha, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, L. Carvalho

050

MET and concomitant mutations in pulmonary adenocarcinomas

Vitor Sousa, Portugal

A. Ladeirinha, A. Alarcao, M. Reis Silva, T. Ferreira, M. Viseu, M. Santos, J. Pimentel, G. Nogueira Fontinha, V. Almeida, L. Carvalho

051

The number of CD20+ B-lymphocytes expressing PD-1 is associated with the status of the mismatch repair system in endometrial cancer

Liubov Tashireva, Russia

A. Kalinchuk

052

Feasibility of fusion detection array in soft tissue tumours by nCounter platform

Gustavo Teixeira, Brazil

F. Escrimim de Paula, M. Queiroz de Almeida Bonatelli, G. Noriz Berardineli, M. Reis, K. Emília de Sá Rodrigues, L. C van Kempen, R. Manuel Reis

053

Immunological modulation in wound healing of the rat uterus by Mesenchymal Stem Cell-conditioned medium (MSC-medium) obtained under 10% oxygen content

Natalia Tikhonova, Russia

V. Aleksankina, A. Milovanov, A. Aleksankin, T. Fokina, E. Kuznetsova, A. Sklifas, A. Temnov

054

The participation of IGG fragments in inflammation mechanisms for gastric malignancies

Natalia Tikhonova, Russia

E. Goufman, A. Aleksankin, N. Nizyaeva, V. Bochkov, K. Gershkovich

055

Differentially expressed genes in molecular subtypes of high-grade serous ovarian cancer

Anna Tregubova, Russia

A. Kobelyatskaya, A. Badlaeva, R. Aleksandra, M. Sannikova, R. Dmitrii, D. Sergei, A. Asaturova

057

Lung cancer proteogenomics: the future of precision oncology

Ioannis Vamvakaris, Greece

N. Kontouli-Pertesi, M. Petre, O. Boulioglou, G. Vatselas, D. Valakos, G. Liadakis, I. Gkiozos, K. Syrigos, A. Anagnostopoulos

058

A possible antineoplastic effect of the neuroprotective drug edaravone in ovarian cancer

Chiara Villa, Italy

E. Duranti, C. Venturin, M. Cadamuro, M. Lavitrano

059

Validation and workflow optimization of Her2/new assessment – our experience

Siltana Zeneli, Albania

M. Ikonimi, M. Shyti

060

Multi-dimensional evaluation of the performance of homologous recombination deficiency detection in China

Xiaoyan Zhou, China

Q. Bai, X. Zhu, Z. Liang, H. Wu

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E-Posters

Pulmonary Pathology

002

Clinicopathological features of non-small cell lung carcinoma with NRAS mutation

Andrea Ambrosini-Spaltro, Italy

C. Rengucci, L. Capelli, E. Chiadini, C. Bennati, A. Delmonte, S. Vecchiarelli, F. Limarzi, S. Nosseir, G. Gallo, M. Valli, D. Calistri

003

Acute fibrinous and organizing pneumonia in a patient with Von Willebrand disease: a case report

Samir Amer, USA

M. Miller, I. Akhtar, M. Mollae

004

Relapsing granulomatosis with polyangiitis with lung manifestation in a patient with kidney transplant: a case report

Samir Amer, USA

J. Hassler, M. Mollae

005

Hyalinising clear cell carcinoma of the lung: a case report

Bruno Bernardo Ardaya Lopez, Spain

H. Galindo Guzman, M. Cebollero Presmanes, M. Garcia Martos

006

Checkpoint Kinase 1 immunohistochemical expression in pleural mesothelioma

Azadeh Asghari Birbaneh, Denmark

C. Meristoudis, V. Panou, O. Røe

007

TTF1 is a highly specific marker for pulmonary and thyroidal cancer: a tissue microarray study evaluating more than 17,000 tumours from 152 different tumour entities

Elena Bady, Germany

K. Möller, T. Gulzar, M. Lennartz, N. Schrapers, F. Viehweger, C. Bernreuther, R. Simon, T. Clauditz, G. Sauter, N. Gorbokon, M. Reck, N. Frost, T. Krech, S. Steurer

008

Application of the 5th WHO guidelines for the diagnosis of small lung biopsies in a tertiary care centre: is insecurity of pathologists for the right diagnosis justified?

Manuela Beckert, Germany

G. Levidou, T. Papadopoulos

009

Expression of the PDL-1 protein in immunohistochemistry in non-small cell lung carcinomas

Chafiaa Benallal, Morocco

H. Azal, H. Rachidi, Y. Msougar, H. Rais

010

Relationship between clinicopathological parameters and EGFR mutation status in non-small cell lung carcinomas and correlation of PD-L1 expression

Sumru Cagaptay, Turkey

D. Gurel, A. Aysal Agalar, C. Ulukus, K. Canaslan, V. Karacam, I. Ulugun, K. Tertemiz, I. Oztop

011

An insidious cystic lung lesion causing pneumothorax: a case report

Chun Yuen Chow, Singapore

P. Tang, A. Takano

012

Mucous gland adenoma of the lung: a case report from a very rare entity in an unusual location

Orlando Manuel Da Rocha Moreira Pedro, Portugal

D. Almeida, J. dos Santos, M. Honavar, T. Amaro

013

Immunophenotypic analyses of diffuse idiopathic pulmonary neuroendocrine cell hyperplasia: a brief case series tested with emerging markers INSM1 and POU2F3

Biancamaria Del Forno, Italy

F. Fortarezza, F. Pezzuto, F. Lunardi, E. Faccioli, F. Rea, F. Calabrese

014

Association of EGFR mutation status with morphological, epidemiological, clinical characteristics of lung adenocarcinoma and squamous cell carcinoma

Sergejs Dubencovs, Latvia

J. Nazarovs, A. Mežals

015

Differential expression of MRPL23 in non-small cell lung cancer and its prognostic implications

Justyna Dursiewicz, Poland

M. Gagat, Ł. Szyłberg, D. Grzanka

016

Hepatoid adenocarcinoma of the lung with EGFR and TP53 mutation: a case report and literature review

Anupurva Dutta, India

S. Nayak, N. Karuvandan, O. Shetty

017

Challenges in diagnosis of multiple lung cancers: synchronous double primary lung or intrapulmonary metastasis?

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

018

Distinguishing synchronous double primary lung adenocarcinoma from intrapulmonary metastasis based on histological findings and immunohistochemical study

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, I. Bouassida, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

019

Tracheal adenoid cystic carcinoma: an extremely rare malignant tumour involving the trachea

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, M. Affes, I. Bouassida, I. Mallek, O. Ismail, S. Hantous-Zannad, A. Ayadi

020

Non-small cell bronchopulmonary carcinoma and molecular testing for EGFR, ALK and PDL-1 status, 8 years experience at CHU Mohammed VI

Halima El Khadraoui, Morocco

H. Rais, B. Benzi

021

Informatics and digital pathology in non-small cell lung cancer: automatic quantification of brightfield multiplex immunohistochemistry

Matteo Errani, Italy

F. Ambrosi, T. Franceschini, C. Ricci, A. Grillini, E. Franchini, E. Demaria, A. Gherardi, A. Bevilacqua, M. Fiorentino, M. Mottola

022

Recognition of two distinct variants of mucin-producing primary lung adenocarcinoma

Junya Fukuoka, Japan

Y. Tsushima, K. Lami

023

Mind the gap: molecular testing in lung cancer biopsies and targeted therapy correlation

Leticia Gallego, Ireland

E. Lee

024

Is the expression of programmed cell death ligand 1 related to histological features in small biopsies of lung adenocarcinoma?

Nikola Gardic, Serbia

A. Lovrenski, S. Glumac, M. Jovanovic

025

The role of mediastinal transbronchial nodal cryobiopsy in the diagnosis of non-small cell lung cancer

María Jesús Gil-Belmonte, Spain

B. Agredano-Ávila, J. Cruz-Rueda, H. Taveras-Espinal, G. Valdenebro-Cuadrado, F. Velasco-Albendea

026

Pulmonary pathology features in methadone-related fatalities

Daria Gorelova, Russia

O. Reshetnikova, E. Romanova, A. Ermakov

028

Prognostic impact of the IASLC grading system of lung adenocarcinoma: a systematic review and meta-analysis

Fanni Hegedus, Hungary

N. Zombori-Tóth, S. Kiss, T. Lantos, T. Zombori

029

Pleomorphic carcinoma of the lung in young patients-report of two cases and review of the literature

Ágota Ilyés, Romania

K. Straub, E. Deé, O. Iurcsuk, E. Kálmán, B. Nagy, S. Csató, A. Burszán-Barabás, A. Dobrică

030

Pleuroparenchymal fibroelastosis: a case series based review regarding its radiological-anatomopathological correlation

José Javier Jiménez Velasco, Spain

N. Fontanil Vior, Y. Guzmán Gómez, S. Alvarez Alonso, J. Gómez Román

031

A case report of a pulmonary S100-negative granular cell tumour

Deborah Jones (Westcott), United Kingdom

L. D'Sa, M. Goddard, S. Preston

032

Hepatoid adenocarcinoma of lung: a series of three cases with histopathological, immunohistochemical and predictive biomarkers assessment

Milena Jovanovic, Serbia

N. Tomanovic, R. Jankovic, M. Stjepanović, S. Popevic, N. Nikolić, K. Branković, S. Glumac

033

Glimpses of Rarity: 25 cases of salivary gland-type lung carcinomas from a tertiary care centre in South India

Elsa Joy, India

S. Nair P, P. T R, R. P Mony, I. S Nair, L. A L, A. Mathew

034

Combined small cell lung carcinoma: case report highlighting important histological, immunohistochemical and molecular features

Mark Keyter, Switzerland

A. Favre-Bulle, M. Brendle, M. Trimech, E. Missiaglia, M. Gonzalez, S. Berezowska

035

Angiogenesis in the crossroad of molecular pathways in lung cancer

Evangelis Lampri, Greece

M. Saranti, A. Zikou, I. Tragani, D. Dimou, A. Varouktsi, S. Papadatos, P. Margariti, V. Galani, A. Mitselou

036

Histopathological features of thoracic granulomatosis with polyangiitis

Farah Loued, Tunisia

R. Ayadi, E. Brahém, R. Yaiche, O. Ismail, B. Hamdi, S. Ben Slama, A. Ayadi

037

Pulmonary alveolar proteinosis: diagnosing a rare lung disease

Farah Loued, Tunisia

R. Ayadi, E. Brahém, R. Yaiche, O. Ismail, B. Hamdi, S. Ben Slama, A. Ayadi

038

Hyalinizing clear cell carcinoma: integration of morphology, immunophenotype and molecular features to diagnose the infrequent subtypes of lung cancer

Javier Martin-Lopez, Spain

P. Martin Acosta, L. Martin Fragueiro, C. Salas Anton

039

HER2 expression and mutation in lung adenocarcinoma: a retrospective unicentric study of 206 patients

Anne Mouraire, France

M. Ferreira, I. Molnar, F. Penault-Llorca, M. Kossai

040

Reproducibility study on non-small cell lung cancer specimens stained with PD-L1 IHC 22C3 pharmDx (Dako Omnis, GE006)

Jeanette Musser, USA

G. Toland, C. Roach, S. Tabuena-Frolli, S. Hund

041

ADAM17, ACE2, TMPRSS2 and TNFAIP2 – comparative immunohistochemical landscape in lungs of fatal cases of SarsCov-19 and AH1N1 influenza infection

Razvan Neagu, Romania

S. Zurac, M. Balea, L. Nichita, L. Stanciu, S. Niculae, A. Cibotariu, D. Marinoiu, A. Bordea, R. Ionescu, C. Dumitru, A. Vilaia, C. Poppe

042

A lung adenocarcinoma with unusual initial presentation as a right inguinal metastasis

Sofia Neves, Portugal

I. Araújo, D. Sá, N. Jorge Lamas

043

Pathologic analysis of 116 pulmonary carcinoid tumours, excised over a 16-year period in a Greek regional cancer centre

Anastasia Nikolaidou, Greece

P. Kousidis, N. Barbetakis, D. Paliouras, G. Panselinas, S. Androniadou, E. Triantafyllidou, S. Mavropoulou, V. Christoforidou

044

Thoracic SMARCA4-deficient undifferentiated tumour: a case report series

Eugenia Isabel Ortega Pinto, Spain

E. Revilla Sanchez, J. Jiménez Almonacid

045

A tumour whose name is harder to remember than to diagnose – bronchiolar adenoma / ciliated muconodular papillary tumour: report of a case diagnosed in frozen section

Muhammet Samil Özlü, Turkey

J. Noury Rad Davaji, C. Yüksel, S. Dizbay Sak

046

Rare, very rare, and even rarer: carcinoid tumour, sclerosing pneumocytoma, and combined carcinoid tumour and sclerosing pneumocytoma

Muhammet Samil Özlü, Turkey

H. Aknar, B. Yenigün, S. Dizbay Sak

047

Pulmonary crystal-storing histiocytosis masking pulmonary extranodal marginal zone lymphoma. A rare entity mimicking lung carcinoma

Christos Panayi, *United Kingdom*

M. Sheaff, M. Grantham, A. Wotherspoon, A. Nicholson, K. Giaslaktiotis

048

High endothelial venules in the pleura: MECA-79 expression in mesothelioma, pleural metastasis and pleuritis

Joris Pascal, *France*

G. Karpathiou, M. Peoc'h, M. Mobarki, T. Amaamri Seebach

050

A case of endobronchial leiomyoma

Ivana Petrovic, *Serbia*

M. Jovanović, J. Sopta, J. Stanojevic, S. Popevic, M. Stjepanovic, S. Glumac

051

Adenocarcinoma combined with carcinoid/ diagnosed on transthoracic biopsy – case report

João Miguel Pimentel, *Portugal*

V. Almeida, A. Ramos, V. Sousa, L. Carvalho

052

Anti-MDA5 antibodies and dendritic cells in dermatomyositis with lung involvement

Johanna Knirsch, *Austria*

H. Popper

053

Lymphangiomatosis, systemic and localised

Ann-Kathrin Hadick, *Austria*

H. Popper

054

Biopsy interpretation of an unusual mesothelial proliferation in the peritoneum of a male patient

Lavisha S. Punjabi, *Singapore*

C. Chua Ze Xin, X. Cheng, W. Leow

055

Exploring PDL-1 expression, TCD8 lymphocytes, and immunotherapy response in advanced NSCLC patients: a single-centre study

Rosa Rendon, *Spain*

L. Lopez Herrera, J. Machuca Aguado, A. Lopez Prieto, M. Idoate Gastarena

056

Expression of FOXP3 in the microenvironment of non-small cell lung cancer tissue on the background of the application of immunotherapy

Anatolii Romaniuk, *Ukraine*

Y. Moskalenko, A. Baryshok, R. Moskalenko

057

Tumour infiltrating lymphocytes characterization in advanced non-small cell lung cancer with first-line immune checkpoint inhibitors treatment

Leonor Ruivo, *Portugal*

M. Pinho Fialho, D. Baptista, J. Filipe

059

Non-small cell lung carcinoma with coexpression of TTF-1 and p40: is there new entity on a horizon?

Ivana Savic, *Bosnia*

K. Kundovic, J. Myers

060

Prevalence of phenotypic transformation as acquired resistance mechanism in EGFR mutated non small cell lung cancers

Rebecca Sparavelli, *Italy*

R. Bruno, A. Sbrana, I. Petrini, A. Chella, G. Ali

061

A rare case of typical carcinoid tumour with a component of pigmented carcinoid tumour – case report

Elena Stojkoska, *Macedonia*

D. Jasar, K. Kubelka-Sabit, V. Filipovski, A. Arsovski, D. Smilevski

062

Collagen V is the trigger for pulmonary fibrosis in the systemic sclerosis (SSc) model

Walcy Rosolia Teodoro, *Brazil*

V. Elias Contini, A. Pereira Velosa, Z. de Jesus Queiroz, S. Catanozi, A. Dos Santos Filho, S. de Moraes Ferezian, L. Keren Ramos da Silveira, T. de Matos Lobo, C. Machado Baldavira, D. Frediane Barbeiro, A. Sousa Santos, P. Degraça Sampaio Barros, V. Capelozzi

063

PD-L1 expression and type-I interferon response in non-small cell lung cancer

Christian Thomsen, *Denmark*

C. Meristoudis

064

Epithelioid hemangioendothelioma in the lung: a case report

Selin Turgut, Turkey

G. Özbilim, M. Çelik, H. Keskin

065

Pulmonary nodular lymphoid hyperplasia presenting as multifocal mass suspicious for malignancy: a case report

Dalma Udovicic-Gagula, Bosnia and Herzegovina

E. Delic

066

A benign but life-threatening cause of hemoptysis: endobronchial capillary hemangiomas

Ioannis Vamvakaris, Greece

S. Zaneli, N. Anagnostopoulos, G. Liadakis, M. Anagnostopoyloy, P. Tziakou, I. Grypari, A. Bakiri, G. Stratakos

067

Small cell lung carcinoma subtypes defined by ASCL1, NEUROD1 and POU2F3: an immunohistochemical study

Alon Vigdorovits, Romania

G. Olteanu, A. Pascalau, A. Camarasan, M. Muresan, O. Pop

068

Expect the unexpected: a new pulmonary nodule in a patient with a history of follicular lymphoma

Alexandra Vilaia, Romania

F. Pezzuto, G. Scapinello, F. Piazza, D. Marino, F. Calabrese

069

Clinicopathologic characteristics of pleomorphic carcinoma of the lung in a single Tunisian institution: a series of 8 cases

Rahma Yaiche, Tunisia

Y. Houcine, R. Ayadi, E. Braham, O. Ismail, A. Ayadi

070

Pulmonary inflammatory myofibroblastic tumour: an unusual condition in adults

Rahma Yaiche, Tunisia

E. Braham, I. El Hadhri, I. Bouassida, R. Ayadi, I. Mallek, O. Ismail, S. Ben Slama, A. Ayadi

071

Pleural mesothelioma in situ (MIS) mimicking well-differentiated papillary mesothelial tumour (WDPMT): report of two cases of this novel challenging entity

Simone Zanella, Italy

S. Fraticelli, D. Rahal, S. Uccella, G. Pelosi, P. Bossi

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Thymic and Mediastinal Pathology

001

Giant cardiac glomus tumour: a rare presentation with rapid progression in an elderly patient

Samir Amer, USA

N. Dioufa, J. Fu, M. Mollaei

002

Neuroblastoma in a 70 year old woman: case report and literature review

Marta De Uribe Viloria, Spain

S. Quinones, E. Sánchez López, G. Escuer-Albero, V. Macarrón, R. Regojo, I. Esteban-Rodríguez

003

Posterior mediastinal ganglioneuroma with fat tissue: pathological study of an unusual tumour

Ichrak El Hadhri, Tunisia

R. Ayadi, E. Braham, R. Yaiche, M. Affes, I. Mallek, O. Ismail, S. Hantous-Zannad, I. Bouassida, A. Ayadi

004

Hidden in plain sight: an ectopic thymoma

Ciara Guerin, Ireland

A. Robinson, E. O' Neill, A. Fabre, J. Kirby, M. Sabah

005

A case report of a mediastinal, mixed non-seminomatous germ cell tumour harboring postpubertal teratoma with four types of somatic malignancies

Panagiotis Kousidis, Greece

G. Panselinas, S. Androniadou, V. Christoforidou, N. Barbetakis, Z. Zafeiriou, A. Nikolaidou

006

Atypical thymic carcinoid tumour: a case report and novel literature review

Panagiotis Kousidis, Greece
V. Christoforidou, N. Barbetakis, S. Androniadou, N. Dimitrellos, E. Triantafyllidou, A. Nikolaidou

007

A rare case of mediastinal cystic seminoma

Rodrigo Lyrio, Portugal
A. Pestana Lopes, M. Mendes de Almeida

008

A case report of a rare and aggressive tumour of the thymus: lymphoepithelioma-like carcinoma

Asma Mahmoudi, Tunisia
A. Bdioui, M. Krifa, Y. Ben Romdhane, S. Mestiri, S. Hmissa

009

Lipofibroadenoma: a case report and review of the literature with clinicopathological analysis

Donna O'dwyer, United Kingdom
F. Roberts, H. Pitchamuthu

010

Primary neuroendocrine tumour of the mediastinum: a case report and literature review

Olympia Tzaida, Greece
G. Galanopoulos, P. Bafaloukos, E. Souka, N. Mpolanos

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Cytopathology

001

Implementation of the International System for Reporting Serous Fluid Cytopathology (TIS) with cytohistological correlation and evaluation of malignancy risk

Refik Selim Atamanalp, Turkey
S. Erdogan-Durmus, C. Comunoglu, O. Yalcin, B. Akı

002

Papilloma virus humain typing at the pathology department of the Oran University Hospital Centre

Boutheyna Belbachir, Algeria

003

Fine needle aspiration cytology of the thyroid as diagnostic tool of secondary malignancies: Gustave Roussy Experience

Nadia Ben Othman, France
V. Suciu, N. Ben Romdhane, S. Moog, L. Lamartina, R. Soufan, J. Hadoux, D. Hartl, E. Baudin, A. Al Ghuzlan, M. Bani

004

Endoscopic lymph node sampling and oesophageal cancer surgery

Michael Bonert, Canada
B. Cheng, A. Naqvi, R. Jurgens, C. Finley

005

Weakness unmasked: a case report of primary effusion lymphoma

Sofia Carralas Antunes, Portugal
M. Rodrigues, D. Gomes Pinto, A. Teles, F. Soares Nogueira, A. Oliveira, F. Campos

006

Pulmonary oncocytoma presenting in a 43-year old female previously diagnosed with clear cell renal cell carcinoma: a case report

Anna Katrina Donato, Philippines
L. Cale-Subia

007

Liquid-based preparations in thyroid fine needle aspiration cytology. Comparison between different series in two Italian institutions

Mariausilia Franchina, Italy
C. Pizzimenti, V. Fiorentino, S. Cortecchia, L. Caprara, A. Ieni, G. Tuccari, M. Martini, A. Bonanno, M. Puccetti, G. Fadda

008

Guar beans in urine cytological specimen: a potential diagnostic pitfall

Silvia Gamba Torrez, Spain
T. Zudaire Fuertes, S. Rubio Mediavilla, J. Sola Gallego

009

Breast implant-associated anaplastic large cell lymphoma: cyto-histopathological correlation of an unusual entity with increasing incidence

Sonia García-Fuertes, Spain
N. Franco Rubio, E. Ponce Casas, R. Vilorio, E. Mejia, C. del Agua Arias-Camisión, M. Cardiel García

010

A case report of an adenoid cystic carcinoma of the breast diagnosed by fine-needle aspiration biopsy

Tamara Ivkovska, North Macedonia
L. Ivkovski, I. Prodanova, Z. Boceska

011

Imprint cytology in paediatric solid tumours: a cyto-histological correlation study at a tertiary care cancer centre in South India

Elsa Joy, India
R. P. Mony, J. Kattoor, P. Thankamony

012

Neuroendocrine tumour of the breast showing invasive micropapillary pattern – cytological features

Tomonori Kawasaki, Japan
T. Tashima, Y. Hoshida, K. Taniyama, D. Taniyama, S. Ichihara, T. Kondo, A. Enomoto, Y. Nakamura, K. Kaira, H. Imai, K. Okamoto, H. Nagai, C. Muramatsu, J. Ichikawa

013

Reliability of grading preoperative pancreatic neuroendocrine tumours (PanNET) on endoscopic ultrasound specimens (EUS)

Ulrika Klopčič, Slovenia
B. Ranković, A. Gruden, D. Siuka, M. Strojan Fležar

014

Ultrasound and cytological correlation of thyroid gland nodules using TIRADS and Bethesda classifications

Tanja Lakic, Serbia
T. Icin, A. Ilić, A. Lovrenski, Z. Milić, M. Panjković

015

Myositis ossificans: rare paediatric case diagnosed with FNAB and confirmed by RNA genotyping of cytology sample

Živa Ledinek, Slovenia
V. Kloboves Prevodnik, M. Stefanović, M. Česen Mazič, A. Gazikalović, B. Mavčič

016

Liquid-based cytology in thyroid fine needle aspiration: a 6-year audit on 23,968 consecutive cases at a single institution

Wen-Ying Lee, Taiwan
H. Wang, L. Huang, M. Tseng, S. Chiang, C. Lee

017

Spindle epithelial tumour with thymus-like elements (SETTLE) – a potential pitfall in the cytological diagnosis of thyroid tumours

Nuno Lopes, Portugal
R. Cabrera

018

Rate of malignancy in FDG positive parotid lesions in a University Hospital

Nina Macauley Srinivasan, Ireland
S. Quinn, C. Collins, D. Gibbons

019

Suitability and advantages of cytological preparations for advanced NSCLC molecular analysis

Elisabetta Maffei, Italy
C. Ciaparone, A. D'Ardia, V. Ciliberti, P. Zeppa, A. Caputo

020

High grade serous carcinoma of the peritoneum. Case report and literature review

Jorge Salvador Marrero Afonso, Spain
C. Febles Pérez, M. Vilar Chesa, R. López Henríquez, M. Krupinska, F. García Machado

021

Warthin tumour with extensive mucinous and squamous metaplasia – a potential pitfall in fine needle aspiration evaluation

Jorge Salvador Marrero Afonso, Spain
S. Carrión Marrero, K. Gallardo Rodríguez, I. González Villa, R. López Henríquez, M. Krupinska, C. Febles Pérez

022

MTAP in fine needle cytology of pancreatic carcinoma: immunohistochemical and FISH analysis

Marco Montella, Italy
S. Lucà, F. Zito Marino, E. Clery, E. Carraturo, A. Cioce, I. Cozzolino, R. Franco

024

Our experiences in endoscopic ultrasound – guided fine-needle aspiration cytology with a focus on the interesting and rare pancreatic lesions

Robert Ondruššek, Czech Republic

025

Inter-observer PD-L1 interpretation in different cytological samples (Cell block vs. Cytologic slides)

Andrea Lissete Pazmiño Arias, Spain

I. Sánchez Güerri, A. Molina Alvarez, S. Prat Mendez, S. Calvo González, F. Pérez Muñoz, M. Patriarca, A. Quiñonero Inserte, B. Lloveras Rubio

026

Meyerozyma guilliermondii: a hitherto undescribed contaminant in respiratory cytology

Xinyi Qu, Singapore

K. Chew, A. Kee, N. Tan, M. Nga

027

Thoracic SMARCA4 deficient undifferentiated tumour (SMARCA4-UT): first diagnosed via fine needle aspiration cytology with NGS verification (case report)

Sultan Rana Ramazanoglu, Turkey

M. Aydogdu, S. Erdamar Çetin, C. Yakicier, A. Özmen

028

Risk stratification of pancreaticobiliary lesions using the WHO reporting system for pancreaticobiliary cytopathology

Meenakshi Rao, India

R. Sharma, A. G. P. Elhence, A. Nalwa, S. Khera, D. Vedant, V. Vishwajeet, D. Aggarwal, V. Verma, P. Khera, V. Varshney, C. Birda, A. Solanki

029

The utility of p16/Ki67 dual staining in glandular cytological atypia

Alenka Repse Fokter, Slovenia

A. Dovnik, S. Sramek Zatler

030

Diagnostic utility of cytology in pleural effusion: a single tertiary care centre experience from South India

Iswarya S Nair, India

R. P. Mony, J. Kattoor, L. A. L

031

Use of the Milan classification in the cytological diagnosis of tumours of the salivary glands

Anna Semenova, Russia

V. Galkin, O. Tarakanova, E. Slavnova, V. Shatalov

032

In the absence of sampling error, renal fine needle aspiration demonstrates a high concordance with histology: a prospective and controlled study

Havva Gokce Terzioğlu, USA

B. Kadow, A. Gorbonos, M. Quek, E. Wojcik, G. Akdas Barkan

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Pathology in Favour of Developing Countries

001

Methodologies in pathology education in the problem-based learning model

Juliana Carneiro Melo, Brazil

D. Nunes Oliveira, R. Osterne Lima Verde, E. Tomé de Sousa, L. De Carvalho Neto, M. Jales Moura, J. Pereira Filgueira, F. Oliveira Cavalcante Júnior, M. Pereira dos Santos, A. de Carvalho Assunção

002

Enhancing pathology education in low-resource settings through the OPEN-IGCS pilot program

Kamran Mirza, USA

L. Hassall, R. Gonzalez, A. Splitt, V. Parkash, K. Singh, P. Murugan

003

Synchronous pleomorphic hyalinizing angiectatic tumour and tenosynovial giant cell tumour – diffuse type in an elderly woman: a peculiar case report

Gamalenkosi Bonginkosi Nhlonzi, South Africa

P. Meyiwa

004

Synchronous and metachronous primary cancers: case series of experience in a pathology laboratory

Modupeola Samaila, Nigeria

D. Suleiman, K. Sani

005

Neglected tropical diseases: cases of ectopic S. heamatobium ova trapped in rare and curious sites

Kasimu Adoke, Nigeria

S. Zubairu

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Digestive Diseases Pathology – GI

002

Study of histopathological characteristics, KIT, PDGFRA mutations and SDHB expression in gastrointestinal stromal tumours

Dipali Akolekar, India

R. Yadav, P. Das, S. Rastogi, N. Dash, S. Pal

003

Tailgut cyst with well-differentiated neuroendocrine tumour: challenges in reporting

João Amaral, Portugal

J. Pimentel, J. Maldonado, A. Alves, M. Cipriano

004

Deciphering the immune landscape of gastro-entero-pancreatic high-grade neuroendocrine neoplasms could help in tailoring medical treatment?

Valentina Angerilli, Italy

G. Sabella, M. Simbolo, V. Lagano, M. Gentili, A. Mangogna, J. Coppa, G. Munari, G. Businello, C. Borga, F. Schiavi, S. Pusceddu, R. Leporati, M. Fassan, M. Milione

005

Heterogeneity of predictive biomarker expression in gastric carcinoma with peritoneal dissemination

Valentina Angerilli, Italy

M. Callegarin, I. Govoni, G. De Lisi, G. Spolverato, S. Lonardi, F. Bergamo, A. Vanoli, P. Parente, F. Grillo, L. Mastracci, M. Fassan

006

Expression and prognostic value of Forkhead box P3 (Foxp3) in colorectal carcinoma

Rania Aouadi, Tunisia

I. Helal, F. Khanchel, E. Ben Brahim, R. Jouini, A. Chadli Debiche

007

Gastric adenocarcinoma with osteoclast-like giant cells: a case report and retrospective review of a rare disease

Inês Araújo, Portugal

S. Neves, X. Wen, J. Vizcaino, M. Caldas

008

MUC5AC expression in colorectal polyps suggests the involvement of gastric metaplasia as a trigger of the serrated pathway of carcinogenesis

Ivan Archilla, Spain

M. Rodrigo, S. Lopez-Prades, V. Pablo, J. Camps, M. Cuatrecasas Freixas

009

Endometriosis presenting as acute appendicitis: a case report

Abed Arnaout, United Kingdom

A. Moore

010

Endometrioid carcinoma arising from colonic endometriosis mimicking primary colon carcinoma

Gokce Askan, Turkey

Ş. Ilvan, C. Turker Saricoban, A. Namal, A. Önenek Men, İ. Sertbudak, Ö. Gökbaşı, E. Hatipoğlu, Ş. Batur

011

Gastric calcifying fibrous tumour: pathological insights from a clinical case

Giulio Giuseppe Maria Attanasio, Italy

L. Memeo, C. Colarossi, L. Colarossi, G. Magro, M. Failla, E. Aiello

012

Significance of KRAS and NRAS gene mutations in colorectal cancer

Elena-Roxana Avadanei, Romania

L. Lozneanu, I. Căruntu, C. Amalinei, R. Balan, S. Giuşcă

013

Gastric tumour in disguise: how adherence to routine workflow paves the way to the correct diagnosis

Sarit Aviel-Ronen, Israel

I. Schwartz, E. Fridman, N. Balint-Lahat, A. Yosepovich, A. Lahat, J. Weidenfeld, M. Perelman, G. Schiby, I. Barshack

014

Primary intestinal lymphoma: a clinico-pathological characteristics of an uncommon tumour

Rahma Ayadi, Tunisia

R. Yaiche, E. Braham, F. Khefacha, A. Saidani, O. Ismail, F. Chebbi, A. Ayadi

015

Simultaneous presentation of gastrointestinal stromal tumour and small bowel adenocarcinoma in a patient with neurofibromatosis type 1: exploring an uncommon convergence

Ahlem Bdioui, Tunisia

I. Hadhri, O. Belkacem, Z. Lajmi, M. Krifa, S. Mestiri, S. Hmissa

016

HER2 expression in primary colorectal cancer

Khouloud Ben Lazreg, Tunisia

W. Majdoub, S. Mestiri, A. Bdioui, S. Hmissa, N. Missaoui

017

A rare case of ampullary gangliocytic paraganglioma with lymph node metastasis: histological and immunohistochemical analysis

Wiem Ben Makhoulouf, Tunisia

A. Zehani, A. Ayari, A. Khadhar, I. Chelly, H. Azouz, K. Bellil, S. Haouet

018

Gastric microscopic findings in patients with coeliac disease

Sarra Ben Rejeb, Tunisia

S. Sakly, M. Ayari, T. Jomni

019

Immunohistochemical analysis of BRAF V600E antibody in colorectal cancer

Sarra Ben Rejeb, Tunisia

S. Sakly, R. Bahloul, F. Souai, A. Chouch

020

Coeliac disease (CD) and eosinophilic oesophagitis (EoO): a controversial enigma

Havva Berber, Turkey

E. Kozan, E. Çağdaş, E. Demir, A. Tagiyev, C. Kırsacıoğlu, Z. Kuloğlu, B. Savaş, A. Kansu Tanca, A. Ensari

022

Predictors of margin involvement in colorectal cancer

Michael Bonert, Canada

E. Ho, I. Kak, A. Naqvi, P. Major

023

Real-life challenges in pathological diagnosis of GIST – assessment of prognosis factors

Adelin Bordea, Romania

S. Zurac, L. Sticlaru, G. Micu, B. Mastalier, R. Neagu, D. Marinoiu, V. Marin, C. Popp

024

Can response to neoadjuvant chemotherapy be predicted in gastric cancer?

Ons Boudaouara, Tunisia

W. Ben Makhoulouf, W. Ghribi, C. Chaari, M. Bouhamed, T. Sellami Boudawara, M. Zghal

026

Amiloidosis of the gall bladder in a patient with the presenting symptoms of acute cholecystitis

Irem Buldum, Turkey

G. Elpek, S. Yolburun, D. Durna

027

Prognostic significance of cellular cannibalism in colorectal tumours

Sumru Cagaptay, Turkey

S. Sarioglu, A. Aysal Agalar, O. Sagol, I. Gorken, T. Unek, H. Ellidokuz, F. Barlik, S. Sokmen

028

Immune-checkpoint inhibitor-related microscopic colitis: clinical pictorial series and histopathological mini-review

Aina Chang, United Kingdom

E. Bearblock, K. Chang, F. Chang

029

Clinicopathologic features of anorectal melanoma: a Tunisian case series

Lamia Charfi, Tunisia

A. Khemir, C. El fekih, G. Sahraoui, I. Nasri, I. Abbes, N. Boujelbene, R. Doghri, K. Mrad

030

Morphologic comparison of gastric poorly cohesive adenocarcinomas and corresponding peritoneal metastases

Deyali Chatterjee, USA

O. Olayinka

031

Paradoxical effect of maspin deficiency in poorly cohesive gastric carcinoma – increased distant spread and apparent reduced local invasion

Ioana-Anastasia Cibotariu, Romania

L. Stanciu, M. Cioplea, B. Mastalier, L. Nichita, R. Ionescu, R. Neagu, D. Marinoiu, A. Bordea, C. Popp

032

Mismatch repair protein deficient ampullary adenocarcinoma – an often overlooked association in a seldom diagnosed cancer

Ana Maria Ciongariu, Romania

A. Dumitru, C. Alius, D. Dumitrescu, O. Voinea, M. Costache

033

Gastric duplication cyst with extensive heterotopic ossification

Ana María Colino Gallardo, Spain

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The prognostic significance of peritumoural lymphocytic infiltrate in invasive urothelial carcinoma: correlation with clinical endpoints and long-term outcomes
Nazario Pio Tenace, Italy
D. Robesti, R. Lucianò, M. Freschi, G. Pini, A. Lopez Beltran, M. Colecchia
- 108**
Penile melanoma in young patient: case report
Stanislav Tolmachev, Kazakhstan
M. Urezkova, A. Gogolev, D. Gazizova, I. Poliatskin, N. Anarbayev
- 109**
Primary neuroendocrine tumour of the kidney: case report
Stanislav Tolmachev, Kazakhstan
M. Urezkova, A. Gogolev, D. Gazizova, I. Poliatskin, N. Anarbayev
- 110**
Mucinous tubular and spindle cell carcinoma: a case report of a rare kidney tumour
Roberta Maria Tripea, Romania
M. Penciu, M. Cristina, R. Șoană
- 111**
Adenoid cystic (basal cell) carcinoma (ACC) of the prostate: case report and literature review
Olympia Tzaida, Greece
G. Galanopoulos, E. Souka, P. Bafaloukos, E. Fergadis
- 112**
Four in a row – multiple primary malignant tumours with two of them in the urogenital tract
Ana-Daniela Vitan, Romania
A. Croitor, V. Dema, A. Cumpanas, D. Herman, A. Dema
- 113**
Histopathological evaluation of tumour hypoxia in relation to IDC-P and cribriform pattern in prostate cancer
Ljiljana Vlatkovic, Norway
V. Skingen, T. Seierstad, T. Hompland, H. Lyng
- 114**
Mixed epithelial and stromal tumour of the kidney
Martina Vuletic, Croatia
T. Čeprija, J. Bezić, V. Pešutić-Pisac
- 115**
Incidence and pitfalls of adipose tissue encountered in prostatic transurethral resections and related specimens
Douglas Wu, Uganda
J. Brooks, A. Sangoi
- 116**
Squamous cell carcinoma of the kidney: a tumour that is often missed preoperatively
Mouna Zghal, Tunisia
O. Boudaouara, W. Ghribi, M. Mellouli, L. Ayadi, T. Sellami Boudawara, C. Chaari

► Congress Information

► Congress Venue

Fortezza da Basso
Viale Filippo Strozzi 1
50129 Florence
Italy
Entrance: Porta Faenza

► Congress and Exhibition Office

CPO HANSER
SERVICE
CPO HANSER SERVICE GmbH
Paulsborner Str. 44
14193 Berlin, Germany
Phone: +49-30-300 669-0
Email: ecp-florence@cpo-hanser.de

► Congress Registration Counter

All congress material and documentation is available at the congress registration counter. The Congress Counter will be located in the entrance area on Spadolini Ground Floor at Spadolini Pavilion.

Opening hours

Saturday	7 Sept 2024	16:00 – 20:00
Sunday	8 Sept 2024	07:00 – 18:00
Monday	9 Sept 2024	07:00 – 18:00
Tuesday	10 Sept 2024	08:00 – 18:00
Wednesday	11 Sept 2024	08:00 – 17:30

► ESP Booth

The booth of the European Society of Pathology (ESP) is located on Spadolini Ground Floor near the registration area.

► On-site Registration

On-site registration will be processed on a first-come, first-served basis. Priority will be given to pre-registered delegates. Depending on the number of on-site registered delegates, availability of congress material may be limited.

► Registration Fees

	EUR
ESP Member*	730
Non-Member	900
Resident**	390
PhD student**	390
Accompanying person	
of an ESP Member	120
of a Non-Member	140
Molecular Pathology Diagnostics Symposium***	250
Computational Symposium***	250

* In good standing (membership fee for 2024 paid). Please note that the member fee can only be granted if you are a member of the ESP at the time of registration. If you are not a member yet, you need to apply for membership first, and once you have received your ESP membership confirmation, you can register at the member fee.

** For residents / PhD students under 45 (i.e. born after 7 September 1979 – to be proven by ID card / passport). The resident / student status must be confirmed by a formal declaration from the head of department or the responsible for the training programme. All documents need to be uploaded during the registration process.

*** Participants with full ECP registration can attend this symposium at no extra cost.

All registration fees are exempt from VAT.

Registration Fee for ESP Members, Non-Members, Residents and PhD students includes:

- Admission to all scientific sessions
- Admission to Networking Reception
- Admission to poster exhibition and technical exhibition
- Coffee breaks and lunches from Sunday to Wednesday
- Congress material (delegate bag, final programme, etc.)
- Access to all sessions (excl. Videomicroscopy Sessions) on demand (until 11 October 2024 for non-members and 11 December 2024 for ESP members)

Registration Fee for the additional One-Day Symposia includes:

- Admission to all scientific sessions of the respective Symposium
- Admission to poster exhibition and technical exhibition on the day of the Symposium
- Coffee breaks and lunch on the day of the Symposium
- Access to all symposium-related on demand content (until 11 October 2024 for non-members and 11 December 2024 for ESP members)

Registration Fee for Accompanying Persons includes:

- ▶ Admission to Welcome Reception on Saturday, 7 September 2024
- ▶ Sightseeing Tour of Florence

Advance registration for the half-day city walking tour for accompanying persons on 8, 9 or 10 September 2024 is required. Tickets for on-site booking are subject to availability.

Please note that accompanying persons have neither access to scientific sessions nor to the exhibition/poster area.

▶ Social Programme

Congress Concert

- ▶ 10 September 2024 20:00–21:15
Palazzo Vecchio, Salone de 500

Member	EUR 25
Non-Member	EUR 50

SOLD OUT

- ▶ **Tickets for the Congress Concert are already sold out. There is no waiting list.**

Congress Evening

- ▶ 11 September 2024 20:00–24:00
Nazioni Pavilion, Fortezza da Basso

Member	EUR 25
Non-Member	EUR 65

Availability is limited, so tickets for the social events will be sold on a first-come, first-served basis.

▶ Name Badges

Participants are kindly requested to wear their name badge at all times during the congress including the Opening Ceremony and Welcome Reception.

The colours of the name badges have the following significance:

- Orange – Delegate of ECP
- Purple – Faculty
- Light Blue – Accompanying Person
- Dark Grey – Exhibitor
- Light Green – Delegate of Symposium on Molecular Pathology Diagnostics and Translational Research (MD)
- Blue – Delegate of Computational Symposium (CP)
- Red – Staff

▶ Congress Information System

For the 36th ECP, the web-based Congress Information System CO CONGRESS ONLINE® has been installed: www.esp-congress.org.

The delegates can set up and print out their personal congress programme schedule.

CO CONGRESS ONLINE® provides:

- ▶ Updated scientific programme
- ▶ Programme by day
- ▶ Programme by format
- ▶ Programme by topic
- ▶ Programme search
- ▶ List of exhibitors and sponsors
- ▶ General congress information
- ▶ Private mailbox

▶ Congress Language

The official language of the 36th European Congress of Pathology is English.

▶ Certificate of Attendance

From 12 September 2024 on, you can print your CME certificate online at www.esp-congress.org by logging in with your participant number.

▶ Abstract Publication

All abstracts are published in Virchows Archiv, Volume 485 · Supplement 1. Abstracts can be accessed via the ECP website.

▶ Programme Changes

The organisers cannot assume liability for any changes in the congress programme due to external or unforeseen circumstances.

► ECP 2024 App

Get the ECP 2024 App for your smartphone and experience the congress at your fingertips. Stop carrying around piles of paper. Just take the congress with you, wherever and whenever you like.



- Send questions to the chairman during a session.
- Quickly find your way through the most up-to-date congress schedule.
- Mark your favourite sessions and personalise your experience.
- Access vital information around the congress.

The App is free of charge and provides iPhone/iPad and Android users at the 36th ECP with on-the-go access to the congress' most exciting interactive features.

The Question & Answer tool is available in all parallel session rooms.



► Speakers' Preview Room

The Speakers' Preview Room is located on Spadolini Lower Level at Spadolini Pavilion. If you are a speaker and have not uploaded your presentation prior to the congress, please turn to the technical staff in the Speakers' Preview Room for a late upload. This is possible one day before presentation, but at the latest three hours prior to the presentation.

Due to time and technical reasons we kindly ask the speakers not to use their own notebook.

In the Speakers' Preview Room there are several PC working stations, where speakers can work on their presentation charts in a quiet area. Technical staff will be happy to assist.

Opening hours

Saturday	7 Sept 2024	16:00 – 19:30
Sunday	8 Sept 2024	07:00 – 17:30
Monday	9 Sept 2024	07:00 – 17:30
Tuesday	10 Sept 2024	07:45 – 17:45
Wednesday	11 Sept 2024	07:45 – 17:30

► Speakers' Lounge

Invited speakers of scientific sessions are welcome to spend time in the Speakers' Lounge in Meeting Room 5 & 6 on the first floor of Palazzina Lorenese, which is located opposite Spadolini Pavilion.

Opening hours

Sunday	8 Sept 2024	08:00 – 18:00
Monday	9 Sept 2024	08:00 – 18:00
Tuesday	10 Sept 2024	08:00 – 18:00
Wednesday	11 Sept 2024	08:00 – 17:30

► Poster Exhibition

Poster sessions will be held from Sunday, 8 September to Wednesday, 11 September 2024 at **Spadolini Pavilion (Upper Floor) of Fortezza da Basso**.

These sessions offer an effective forum for the exchange of information and a means to communicate ideas, research and programmes. Poster authors are required to be available for questions and further information at their poster board during the morning session break (09:30–10:30) from Sunday to Wednesday. Posters are changed daily and are on display for the entire day of the respective poster session.

They are sorted by topics and will be numbered within those topics. The best posters of each topic will be presented during the afternoon coffee break (16:45–17:15 Sunday–Monday, 13:15–13:45 and 16:00–16:30 on Wednesday in the poster exhibition on Spadolini Upper Floor at the E-Poster Terminals). The poster exhibition is open to all registered delegates.

Poster Discussion Times for**► PS-01 to PS-07**

Sunday, 8 Sept 2024: 09:30 – 10:30

► PS-08 to PS-16

Monday, 9 Sept 2024: 09:30 – 10:30

► PS-17 to PS-21

Tuesday, 10 Sept 2024: 09:30 – 10:30

► PS-22 to PS-27

Wednesday, 11 Sept 2024: 09:30 – 10:30

Interested participants can meet the authors for discussions of their poster presentation during the time of the poster presentation.

Posters need to be put up and dismantled on the day of the respective poster session within the following times:

Set-up:

Sunday 8 Sept 2024 07:30 – 09:00

Monday 9 Sept 2024 07:30 – 09:00

Tuesday 10 Sept 2024 07:30 – 09:00

Wednesday 11 Sept 2024 07:30 – 09:00

Dismantling:

17:00–18:00 on the day of the presentation. Posters which have not been removed within the indicated dismantling time will be disposed of.

► E-Posters

E-Posters will be available on E-Poster Terminals in the poster exhibition on Spadolini Upper Floor. All E-Poster authors and poster presenters have been invited to upload their poster prior to the ECP 2024. All uploaded E-Posters can be searched for and viewed electronically on the 6 terminals from Sunday, 8 September to Wednesday, 11 September 2024.

► Technical Exhibition

The 36th ECP will be accompanied by a major technical exhibition taking place on Spadolini Ground Floor at Spadolini Pavilion.

Exhibition hours

Saturday 7 Sept 2024 20:00 – 22:00

Sunday 8 Sept 2024 09:00 – 17:15

Monday 9 Sept 2024 09:00 – 17:15

Tuesday 10 Sept 2024 09:00 – 17:15

► WiFi

WiFi areas in the foyers and exhibition allow easy access to the Internet. Please select the WiFi network **ECP2024**, the password is **ecp-2024**.

► Coffee Breaks

Coffee and tea will be served free of charge to all registered delegates during the morning and afternoon coffee breaks, 09:30–10:30 and 16:45–17:15, from Sunday, 8 September through Tuesday, 10 September and from 09:30–10:30 and 16:00–16:30 on Wednesday, 11 September. Coffee stations are located throughout Spadolini Ground Floor at Spadolini Pavilion.

► Lunch Breaks

Lunch is served from 13:00 to 14:30 from Sunday, 8 September through Tuesday, 10 September 2024 and 13:00 to 14:00 on Wednesday, 11 September 2024. The catering stations are located throughout Spadolini Ground Floor at Spadolini Pavilion.

► Prayer Room

The Prayer Room is located on the ground floor of Palazzina Lorenese, which is located opposite Spadolini Pavilion. Please ask staff at the registration counter for directions.

► Cloakroom

A cloakroom can be used free of charge from Saturday, 7 September, afternoon, to Wednesday, 11 September 2024. Participants can also store their luggage here. The cloakroom is located in the entrance area of Spadolini Ground Floor at Spadolini Pavilion.

► Car Park

Parking spaces at Fortezza da Basso or the surrounding area are not available and we strongly advise you to arrive by other means of transportation.

► First Aid

First Aid will be provided during ECP tenancy hours at the Fortezza da Basso. In case of emergency, please contact the staff at the congress counter.

► Insurance/Liability

The ESP does not accept any liability for damages and/or losses of any kind which may be incurred by the congress participants or by any person accompanying them, during either the official activities or excursions. Delegates participate in all tours/events at their own risk. Participants are advised to take out insurance against loss, accidents or damage that could be incurred during the congress.

► General Conditions

The General Conditions published at www.esp-congress.org apply.

► Health and Safety

For the sake of all congress participants' health and safety and to slow the spread of COVID-19, the ESP recommends to

- wash and sanitize hands often
- avoid hand-shaking

Keep on keeping your distance!
Your cooperation is appreciated.

► How to get around

It is important to know that Florence's main historic centre is relatively small so that it is easy to move around on foot. Using a car around Florence is not advisable, as there is little parking, many streets are pedestrian only and streets are often one-ways. A fleet of small electric buses also provide links between main key areas in the centre.

Taxis are "stationed" at special taxi parking stands in most of the major squares and at the airport and they can be requested by phone. In Florence, the numbers for calling a taxi are:

+39-55-4242
+39-55-4390
+39-55-4798
+39-55-4499

► How to get to the Congress Centre By tram

The tramway is the ideal zero-emission transport to move around the city without worries. The congress and exhibition centre is connected to the motorway through line T1, and to the airport through line T2.

Line T1

To Fortezza da Basso

Stop – Fortezza Fiere e Congressi

Line T2

To Fortezza da Basso

Stop – Rosselli

(550 m walking distance to the entrance of Fortezza da Basso)

By car

You can park at Villa Costanza – the first Drive & Tramway system in Italy – without exiting from the motorway. Villa Costanza is connected to T1 Leonardo tramway line: only a 22-minute ride away from Santa Maria Novella train station, at the very heart of Florence city centre.

► Industry Symposia

Saturday, 7 Sept

Sunday, 8 Sept

► Saturday, 7 September 2024

LS-01	Industry Symposium
16:45–18:15	Spadolini 3
Advancing precision medicine in oncology diagnostics: the role of quality HRD testing, ctDNA, and biomarkers in detection and treatment	
AstraZeneca	
Chair: Nicola Fusco, Italy	

- 001 16:45–17:15
Sequencing biomarker testing, guideline updates and AI integration in BC pathology
Nicola Fusco, Italy
- 002 17:15–17:45
Upholding standards: the critical role of quality and consistency in HRD testing
Simon Patton, United Kingdom
- 003 17:45–18:15
Navigating the maze: challenges and solutions in ctDNA testing
Gerhardt Attard, United Kingdom

► Sunday, 8 September 2024

BRS-01	Industry Symposium
07:15–08:15	Spadolini 6
Revolutionizing pathology through immersive innovation	
Paige	

- 001
Revolutionizing pathology through immersive innovation
Juan Retamero, Spain
and members of Paige

LS-02	Industry Symposium
13:00–14:30	Spadolini 2
All you need to HER2 know	
Daiichi-Sankyo	
Chair: Giuseppe Viale, Italy	

- 001 13:00–13:05
Welcome and introduction
Giuseppe Viale, Italy
- 002 13:05–13:25
Treating cancer in the evolving era of HER2
Grazia Arpino, Italy
- 003 13:25–13:45
Identifying the whole spectrum of HER2: lessons learned
Roberto Salgado, Belgium
- 004 13:45–14:05
Beyond breast: similarities in identifying HER2 in gastric cancer and differences in lung cancer
Josef Rüschoff, Germany
- 005 14:05–14:25
Panel discussion and Q&A
Giuseppe Viale, Italy
- 006 14:25–14:30
Wrap-up and meeting close
Giuseppe Viale, Italy

LS-03	Industry Symposium
13:00–14:30	Spadolini 3
Synergies in sight: navigating challenges of precision medicine via multidisciplinary collaboration in GU oncology	
Johnson&Johnson + Diatech Pharmacogenetics	
Chair: Gabriella Nesi, Italy	

001 13:00–13:15
Diagnostic challenges and precision medicine in bladder cancer
Gabriella Nesi, Italy

002 13:15–13:30
Current molecular landscape of bladder cancer: the oncologist's perspective
Brigida Anna Maiorano, Italy

003 13:30–13:40
Discussion/Q&A

004 13:40–13:55
Current considerations and challenges in prostate cancer testing
Glen Kristiansen, Germany

005 13:55–14:10
Molecular testing in GU oncology: pitfalls and analytical strategies
Rossella Bruno, Italy

006 14:10–14:30
Round table and Q&A

LS-04	Industry Symposium
13:00–14:30	Spadolini 4
Beyond the human eye: diagnostic advances in digital and computational pathology	
AstraZeneca	
Chair: Luiza Moore, United Kingdom	

001 13:00–13:05
Welcome & introduction
Luiza Moore, United Kingdom

002 13:05–13:25
Seeing eye to (A)I: digital pathology is part of pathology
Bethany Williams, United Kingdom

003 13:25–14:05
Problem-solving digital pathology: attitudes, issues and solutions
Fabio Pagni, Italy
Angelo Paolo Dei Tos, Italy

004 14:05–14:30
Quantitative continuous scoring: a new frontier in diagnostics – updates
Luiza Moore, United Kingdom

LS-05	Industry Symposium
13:00–14:30	Spadolini 5
Navigating precision pathology: biomarkers defining treatment, tissue and liquid biopsy synergy, and collaborative patient care	
MSD	
Chair: Matteo Fassan, Italy	

001 13:00–13:05
Welcome & introduction
Matteo Fassan, Italy

002 13:05–13:25
Biomarker breakthroughs to treatment transformations: unveiling the shifting landscape in upper GI cancer
Matteo Fassan, Italy

003 13:25–13:45
Unlocking the potential of liquid biopsies: overcoming challenges in prostate cancer biomarker testing
Albrecht Stenzinger, Germany

004 13:45–14:05
Building partnerships in precision medicine: a collaborative approach between medical oncologists and pathologists for patient management
Kaikeen Shiu, United States

005 14:05–14:15
Panel discussion
Matteo Fassan, Italy

006 14:15–14:30
Q&A and closing remarks
Matteo Fassan, Italy

LS-06	Industry Symposium
13:00–14:30	Spadolini 6
Precision oncology research in lab: next generation pathologists with NGS biomarker testing	
Thermo Fisher Scientific	
Chair: Nicola Normanno, Italy	

- 001 13:00–13:05
Welcome & introduction
Nicola Normanno, Italy
- 002 13:05–13:30
Improving oncology patient care in the Lake Como Area with in house next day NGS
Piergoirgi Modena, Italy
- 003 13:30–13:55
Exploring genomic signatures in Malignant Lymphoma: potential advantages for rapid detection of relevant biomarkers
Geetha Monon, United Kingdom
- 004 13:55–14:20
Comprehensive genomic profiling (CGP) in high-grade serous carcinoma using peritoneal effusion samples
Wolfram Jochum, Switzerland
- 005 14:20–14:30
Q&A
Nicola Normanno, Italy

LS-07	Industry Symposium
13:00–14:30	Spadolini 7
Addressing routine challenges in modern pathology	
Vitro.Bio	
Chair: Guido Sauter, Germany	

- 001 13:00–13:10
Introduction
Guido Sauter, Germany
- 002 13:10–13:30
Tackling routine challenges: the power of automated staining
Karen Villar Zarra, Spain
- 003 13:30–13:50
Advanced HPV detection: molecular pathology strategies for effective screening
Miguel Angel Idoate Gastearena, Spain

- 004 13:50–14:10
Pathology in the digital age: overcoming security challenges with cutting-edge solutions
Melchor Saiz Pardo, Spain
- 005 14:10–14:30
Discussion
Guido Sauter, Germany

ES-01	Industry Symposium
19:30–20:30	Spadolini 5
Digital transformation: journey to digital workflow	
EpreDia	
Chair: Daniele Morpurgo, Italy	

- 001 19:30–20:30
Digitizing workflow: steps taken in the pre-analytical and analytical stages for workflow optimization, ensuring a successful digital pathology project
Catarina Eloy, Portugal

► Monday, 9 September 2024

BRS-02	Industry Symposium
07:15–08:15	Spadolini 6
Power Hour: the importance of pathologists for the success of clinical studies	
Eli Lilly and Company	

- 001 07:15–07:20
Welcome and introduction
- 002 07:20–07:30
Introduction into clinical study management
Lorenzo Gerratana, Italy
- 003 07:30–07:40
Biomarker testing in clinical trials
Giancarlo Pruneri, Italy
- 004 07:40–07:50
IVDR requirements for clinical studies
Albert Stenzinger, Germany
- 004 07:50–08:10
Q&A and Round-Table discussion
Lorenzo Gerratana, Italy
Giancarlo Pruneri, Italy
Nicole Chavez Petronzi, Italy
- 006 14:15–14:30
Summary and close
Albert Stenzinger, Germany

BRS-03	Industry Symposium
07:15–08:15	Spadolini 7
Improving the diagnosis of B Cell lymphomas in routine pathology practice: advances in clonality evaluation Roche	
Chair: Bowdoin Su , United States	

001

Improving the diagnosis of B Cell lymphomas in routine pathology practice: advances in clonality evaluation

Teresa Marafioti, United Kingdom

LS-08	Industry Symposium
13:00–14:30	Spadolini 2
Pathways to precision: practical strategies for optimizing diagnostic excellence Roche Diagnostics + Johnson&Johnson	
Chair: Angelo Paolo Dei Tos , Italy	

001 13:00–13:15

Introduction: testing pathway and patient leakage points

Angelo Paolo Dei Tos, Italy

002 13:15–13:35

Precision oncology in lung cancer: enhancing patient outcomes through NGS and biomarker driven therapies – Ege University experience

Deniz Nart, Turkey

003 13:35–13:55

Optimizing the workflow to reduce failure rates

Sylvie Lantuejoul, France

004 13:55–14:15

RNA-Based sequencing for simultaneous detection of clinically actionable fusions and mutations in solid tumours

Isabelle Vanden Bempt, Belgium

005 14:15–14:30

Round table and Q&A

LS-09	Industry Symposium
13:00–14:30	Spadolini 3
Exploring the expanding applications of ctDNA and pathway mutations in breast cancer diagnostics AstraZeneca	
Chair: Espen Walker , United States	

001 13:00–13:05

Welcome and introduction

Espen Walker, United States

002 13:05–13:45

The utility of ctDNA in breast cancer

Elena Guerini Rocco, Italy

003 13:45–14:25

Emerging testing strategies for the optimization of patient profiling in HR+/HER2- breast cancer

Nicola Fusco, Italy

004 14:25–14:30

Closing remarks

Espen Walker, United States

LS-10	Industry Symposium
13:00–14:30	Spadolini 4
Digital pathology, IHC and cytology 3DHitech	
Chair: Béla Molnár , Hungary	

001 13:00–13:30

Postponing evolution: why are we choosing to ignore the need for a digital transformation in pathology?

Catarina Eloy, Portugal

002 13:30–14:00

Experiences with the implementation of digital cytology with Datexim and 3DHitech in Feldkirch, Austria

Felix Offner, Austria

003 14:00–14:30

Digital IHC, digital microCT

Yukako Yagi, USA

LS-11	Industry Symposium
13:00–14:30	Spadolini 5
Guiding clinical outcomes in gynaecological cancers with early and accurate biomarker testing, including case-based examples	
GSK	
Chair: <i>Gian Franco Zannoni, Italy</i>	

- 001 13:00–13:10
- Introduction to biomarker testing in gynaecological cancers
- Gian Franco Zannoni, Italy*
- 002 13:10–13:25
- Biomarker testing in endometrial cancer: current status and key considerations
- Josef Rüschhoff, Germany*
- 003 13:25–13:40
- Treatment options according to molecular classification in endometrial cancer: clinical perspective and case study
- Vanda Salutari, Italy*
- 004 13:40–13:50
- Panel discussion on biomarker testing in endometrial cancer
- Gian Franco Zannoni, Italy*
- All faculty, moderated by Gian Franco Zannoni, Italy*
- 005 13:50–14:05
- Biomarker testing in ovarian cancer: focus on HRD and BRCA
- Isabelle Treilleux, France*
- 006 14:05–14:15
- Impact of biomarker testing on patient outcomes in ovarian cancer: clinical perspective and case study
- Vanda Salutari, Italy*
- 007 14:15–14:30
- Panel discussion on biomarker testing in ovarian cancer
- All faculty, moderated by Gian Franco Zannoni, Italy*

LS-12	Industry Symposium
13:00–14:30	Spadolini 7
Changing testing in gastric cancer: a practical review	
Agilent Technologies	
Chair: <i>Mar Iglesias, Spain</i>	

- 001 13:00–13:10
- Welcome & focus
- Mar Iglesias, Spain*
- 002 13:10–13:35
- Case 1: The critical role of preanalytics in the context of case referrals
- Manuel Rodriguez-Justo, United Kingdom*
- 003 13:35–14:00
- Case 2: Assessing case heterogeneity effectively: from number of biopsies to tumour staging
- Matteo Fassan, Italy*
- 004 14:00–14:30
- Q&A and closing remarks
- Mar Iglesias, Spain*

► Tuesday, 10 September 2024

LS-13 Industry Symposium**13:00–14:30 Spadolini 2****Precision diagnostics in ovarian cancer: traversing from testing to treatment**

Roche

Chair: **Megan Dumas, USA**

001

Michelle Shiller, USA

002

Domenica Lorusso, Italy**LS-14 Industry Symposium****13:00–14:30 Spadolini 3****NSCLC: the evolution and expansion of testing across the care continuum**

AstraZeneca

Chair: **Alexander Yarunin, United Kingdom**

001 13:00–13:05

Welcome and introduction

Alexander Yarunin, United Kingdom

002 13:05–13:25

Navigating the evolving NSCLC testing landscape: guidance for the detection of driver and acquired resistance mutations

Giuseppe Perrone, Italy

003 13:25–13:45

Plasma ctDNA testing in lung cancer: application across the care continuum

Nicola Normanno, Italy

004 13:45–14:25

Evaluating pathological complete response

Elena Guerini Rocco, Italy

005 14:25–14:30

Closing remarks

Alexander Yarunin, United Kingdom**LS-15 Industry Symposium****13:00–14:30 Spadolini 4****The pathologist's loom: weaving CLDN18.2 into practice**

Astellas

Chair: **Matteo Fassan, Italy**

001 13:00–13:05

Welcome and introductions

Matteo Fassan, Italy

002 13:05–13:20

Unravelling the gastric cancer and GEJ tapestry: clinical insights into the current treatment landscape and emerging biomarkers

Lorenzo Fornaro, Italy

003 13:20–13:40

Stitching the narrative: CLDN18.2 in the fabric of G/GEJ adenocarcinoma

Philippe Taniere, United Kingdom

004 13:40–14:10

The Pathologist's canvas: exploring CLDN18.2 expression patterns in G/GEJ adenocarcinoma

Matteo Fassan, Italy

005 14:10–14:25

Q&A session

All faculty, facilitated by
Matteo Fassan, Italy

006 14:25–14:30

Summary and close
Matteo Fassan, Italy

LS-16	Industry Symposium
13:00–14:30	Spadolini 5
Illumina’s journey in precision pathology: from targeted panels to whole genome sequencing	
Illumina	
Chair: <i>Giancarlo Pruneri, Italy</i>	

001 13:00–13:15
Empowering precision pathology: genomic tools
Giancarlo Pruneri, Italy

002 13:15–13:35
Enhancing precision: leveraging small panels for oncology testing
Giulia Cangi, Italy

003 13:35–13:55
Maximizing insights: comprehensive genomic profiling
Sergio Villatoro, Spain

004 13:55–14:15
Charting the future of precision pathology: whole genome sequencing strategies
Speaker to be confirmed

005 14:15–14:30
Unveiling the potential: panel discussion on the future of precision pathology
All panellists

LS-17	Industry Symposium
13:00–14:30	Spadolini 6
The future of pathology: liquid biopsy, novel biomarkers, and tumour-agnostic therapies	
Amgen	
Chair: <i>Frédérique Penault-Llorca, France</i>	

001 13:00–13:05
Welcome and introduction
Frédérique Penault-Llorca, France

002 13:05–13:30
Liquid biopsy in NSCLC: a discourse on controversies and advancements
Lukas Bubendorf, Switzerland
Fabio Pagni, Italy

003 13:30–13:50
The next frontier: FGFR2b and CLDN18.2 as promising biomarkers for G/GEJ cancers
Irene Esposito, Germany

004 13:50–14:10
Unlocking the power of MTAP-homozygous deletion: a tumour-agnostic biomarker
Albrecht Stenzinger, Germany

005 14:10–14:25
Panel discussion and Q&A
Frédérique Penault-Llorca, France

006 14:25–14:30
Summary and close
Frédérique Penault-Llorca, France

LS-18	Industry Symposium
13:00–14:30	Spadolini 7
How can scalable, open digital pathology solutions advance diagnostic quality and efficiency in pathology practice?	
Agilent Technologies	
Chairs: <i>Jake Eden, Denmark</i> <i>Alan Byrne, Ireland</i>	

001 13:00-13:10
Welcome & Agilent Digital Pathology Focus
Jake Eden, Denmark

002 13:10–13:25
From microscope to monitor: streamlining workflows with digital pathology
Robert D. Goldin, United Kindom

003 13:25–13:40
Multi-site, multi-AI pathology: quality, efficiency, and lead-time impact through scaled algorithm deployment
Teemu Tolonen, Finland

004 13:40–13:55
Integration of computational pathology algorithms in the clinical digital pathology workflow: connecting the dots
Bert Van der Vegt, The Netherlands

005 13:55–14:10
Evolving role of digital pathology in anatomic and molecular pathology laboratories
Holger Moch, Switzerland

006 14:10–14:30
Panel Discussion
All panellists

► Monday, 9 September 2024

HS-01	HotSpot
09:30–09:50 HotSpot Stage (Exhibition)	
Siemens Healthineers AG	

001 09:30–09:50

Our journey towards a digital pathology workflow

Jorge Muñoz Rodriguez, Spain

HS-02	HotSpot
09:30–09:50 HotSpot Stage (Exhibition)	
SOPHiA GENETICS	

001 09:30–09:50

Building evidence and confidence in liquid biopsy solutions

*Alexander Yarunin, United Kingdom**Verena Schramm, Germany*

► Tuesday, 10 September 2024

HS-03	HotSpot
10:00–10:20 HotSpot Stage (Exhibition)	
SOPHiA GENETICS	

001 10:00–10:20

Insights with impact: empowering laboratories with robust CGP solutions

Verena Schramm, Germany

HS-04	HotSpot
10:00–10:20 HotSpot Stage (Exhibition)	
Sysmex Europe SE	

001 10:00–10:20

Liquid biopsy in breast cancer patient care

*Maria De Bonis, Italy**Angelo Minucci, Italy*

Meet-the-Expert

Roche (booth no. 15) will offer 6 Meet-the-Expert talks during the following times:

► Sunday, 8 September 2024

13:00–13:30

PIK3CA; Leveraging emerging insights to drive personalised care

Nicola Fusco, Italy

14:00–14:20

The Roche Digital LightCycler: a real world performance evaluation in a Dutch hospital laboratory

Wouter Pattje, The Netherlands

► Monday, 9 September 2024

13:10–13:30

Seamless integration of Ibex's AI algorithms within Roche's navify® digital pathology

*Michael Rivers, USA**Stuart Shand, USA*

14:00–14:20

Advancing precision medicine: PathAI and Roche collaborate for AI-powered companion diagnostics

*Eric Walk, USA**Michael Rivers, USA*

16:40–17:00

Unlock the power of in-house comprehensive genomic profiling with AVENIO Tumor Tissue CGP Kit V2 and the new foundation medicine HRD signature

*Robert Bulte, Switzerland**Muriel De Vos, Switzerland*

► Tuesday, 10 September 2024

13:10–13:30

Gastric cancer testing landscape in 2024 and beyond

Mar Iglesias, Spain

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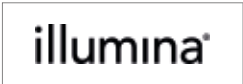
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Spadolini Ground Floor
at Fortezza da Basso

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3DHISTECH	98	Diatech Pharmacogenetics	115
A. MENARINI DIAGNOSTICS	21	DiaTrust	8
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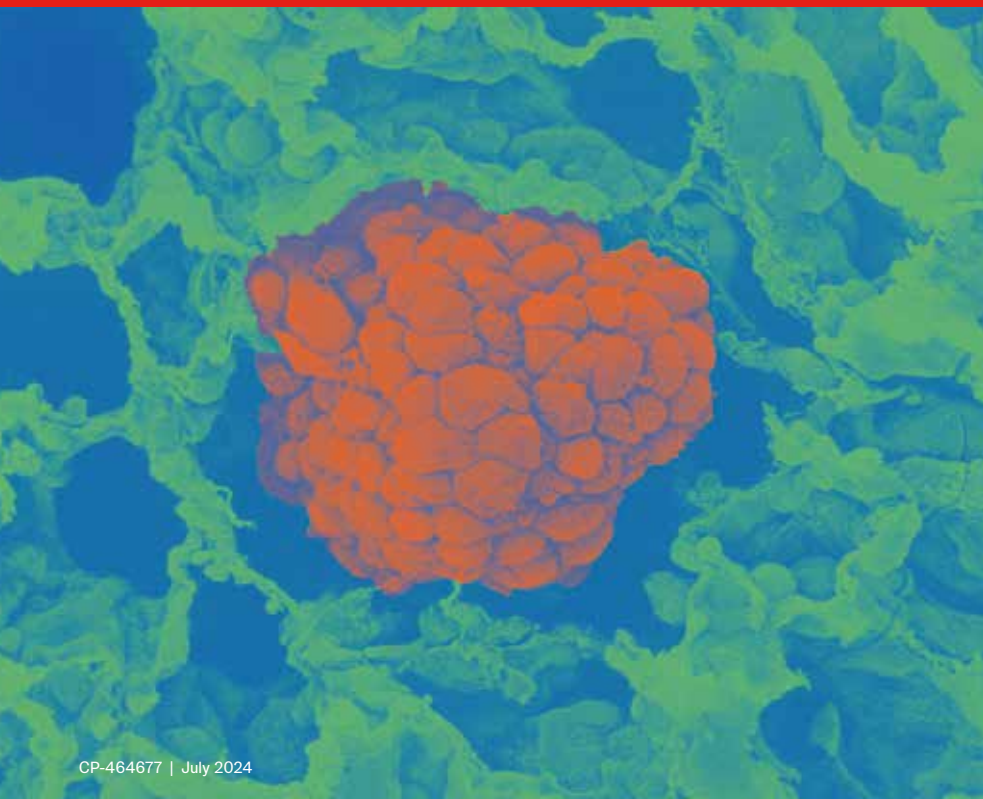
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► Social Events

Availability is limited, so tickets for the social events will be sold on a first-come, first-served basis. Please purchase your ticket at least one day prior to the respective event.

► Opening Ceremony

Saturday, 7 September 2024

► 19:00 – 20:00

Cavaniglia, Fortezza da Basso

Join the official Opening Ceremony of the 36th European Congress of Pathology in Cavaniglia at Fortezza da Basso. During the ceremony, there will be words of welcome by the President of the ESP, the Chair of the Local Organising Committee of ECP 2024 and a performance by a highly animated pianist and singer, Antonio Sorgentone, winner of Italia's Got Talent in 2019. Enjoy Antonios music. He is renowned for playing the piano with his feet and is specialized in 1950s style Boogie Woogie, Rock N' Roll and classic Italian Swing. The Opening Ceremony will be followed by a Welcome Reception in the exhibition area on Spadolini Ground Floor at Spadolini Pavilion.

► Congress Evening

Wednesday, 11 September 2024

► 20:00 – 24:00

Nazioni Pavilion, Fortezza da Basso

The Grand Finale of the ECP 2024 will guide you to Nazioni Pavilion at Fortezza da Basso. Enjoy the final evening of this year's congress with delicious Italian food and dance the night away!

Price per person

- Member: EUR 25
- Non-Member: EUR 65

► Congress Concert

Tuesday, 10 September 2024

► 20:00 – 21:15

Palazzo Vecchio, Salone de 500

SOLD OUT



Salone de 500

This year's Congress Concert will take place at the city hall of Florence, Palazzo Vecchio, in one of Italy's largest and most valuable halls – Sala dei Cinquecento. This beautiful hall has been decorated by Leonardo da Vinci and Michelangelo Buonarroti.

The renowned piano player Sandro Ivo Bartoli from Tuscany will give a sampling of his wide-ranging musical scope, including a rare performance of Giacomo Puccini's complete piano oeuvre on the occasion of the Maestro's 100th anniversary of death.

Tickets are sold out.

Price per person

- Member: EUR 25
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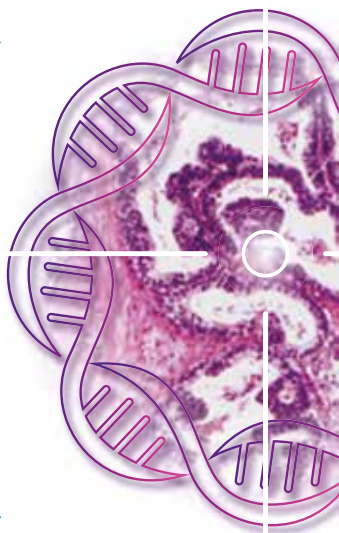
THE FUTURE OF PATHOLOGY

Liquid biopsy, novel biomarkers, and
tumour-agnostic therapies

Tuesday 10 September

13.00–14.30 CEST

Spadolini 6, Fortezza de Basso, Florence, Italy



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PROGRAMME

Welcome and introduction	Frederique Penault-Llorca, France
Liquid biopsy in NSCLC: a discourse on controversies and advancements	Lukas Bubendorf, Switzerland Fabio Pagni, Italy
The next frontier: FGFR2b and CLDN18.2 as promising biomarkers for G/GEJ cancers	Irene Esposito, Germany
Unlocking the power of MTAP-homozygous deletion: a tumour-agnostic biomarker	Albrecht Stenzinger, Germany
Panel discussion and Q&A	All

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All You Need to HER2 Know

Sunday, 8 September 2024
13:00–14:30 CEST

Spadolini 2, Fortezza da Basso
Florence, Italy

Agenda

- 13:00–13:05** **Welcome and Introduction**
Prof. Giuseppe Viale (Chair), Italy
- 13:05–13:25** **Treating Cancer in the Evolving Era of HER2**
Dr. Grazia Arpino, Italy
- 13:25–13:45** **Identifying the Whole Spectrum of HER2:
Lessons Learned**
Prof. Roberto Salgado, Belgium
- 13:45–14:05** **Beyond Breast: Similarities in Identifying HER2 in
Gastric Cancer and Differences in Lung Cancer**
Prof. Josef Rüschoff, Germany
- 14:05–14:25** **Panel Discussion and Q&A**
- 14:25–14:30** **Wrap-up and Meeting Close**
Prof. Giuseppe Viale



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