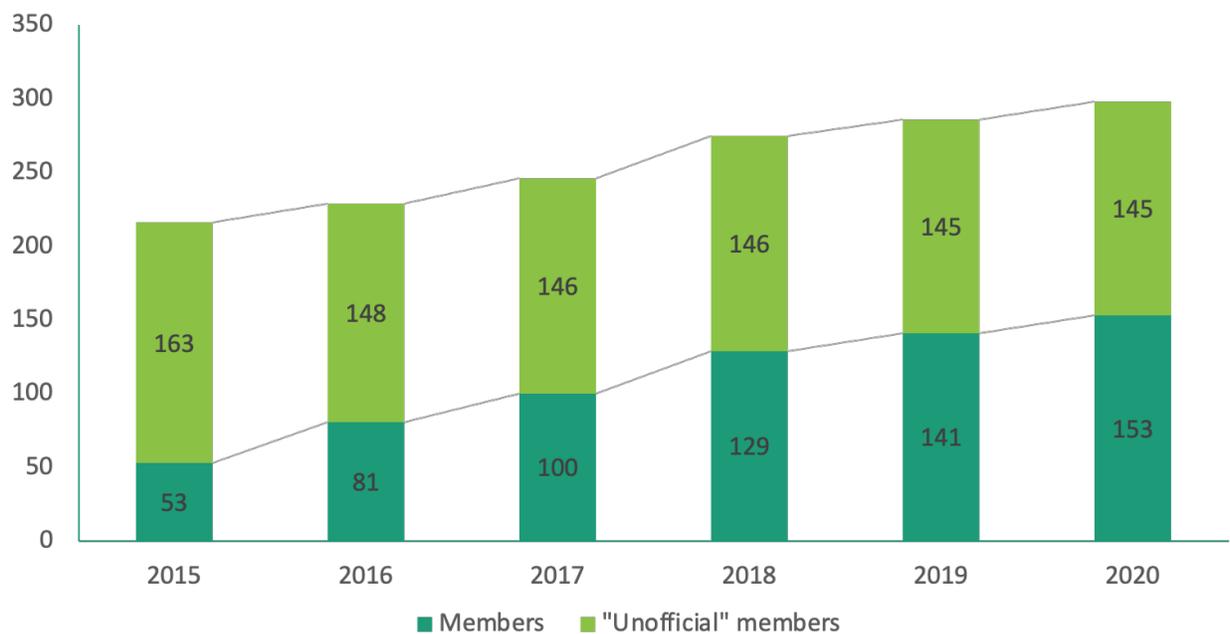


Annual report - 2020

Membership in PPWG tipped during last years.



Budget of the PPWG is in good standing thus we decided to award two posters with 500 for the best pulmonary pathology poster and 300 euros for the best e-poster presented at virtual ESP congress.

During the last year, activity of our Group has been challenged with pandemics. The ESCoP course on Lung Tumours: common and uncommon forms was well attended in Padova, October 2-4, 2019. Cristian Ortiz Villalon continued with international pulmonary pathology course in Stockholm, November 19-20, 2019. Many other planned scientific and educational meetings were cancelled or postponed. The first two ESP webinars covered the topic covid-19. Paul Hofman discussed the impact of outbreak on molecular testing in human samples. Fiorella Calabrese gave us an update on pulmonary pathology related to covid-19 and presented a review article published in Virchows Archiv which was result of our group members' teamwork approach.

A high-quality program was prepared for the annual ESP congress joint with IAP supposed to be held in Glasgow. Congress was first postponed and later rescheduled as virtual event. Program needed to be adapted and changed. PPWG ended up with three sessions. In addition, there was a poster session as well as oral free presentations. After the congress, the business meeting was scheduled before Christmas time.

The pulmonary pathology program started with a symposium on pediatric interstitial lung diseases jointly organized with the Pediatric Pathology WG. Megan Dishop presented her approach to diffuse lung disease in pediatric patients. Nadia Nathan spoke about importance of molecular screening in pediatric diffuse lung diseases. The rarity of these diseases and lack of expertise is complicated with the mimics of pediatric interstitial lung diseases. The topic was addressed with the lecture by Aurore Coulomb. Francesca Lunardi reviewed lung transplantation as one of the therapeutic options for pediatric patients with diffuse lung diseases. Risk of neoplasia in pediatric cystic lung disease was presented by Jan Von Der Thüsen.

The symposium titled Multidisciplinary role of thoracic pathologist in 2020 was aimed to give practical update on different aspects in our routine practice. Fiorella Calabrese explained evolving and challenging role of diagnostic pathology in UIP/IPF. Andrew Nicholson, convenor of the local organizing committee, continued with pathologist view on how rare and idiopathic actually idiopathic interstitial pneumonias are. Recent achievements in the knowledge of diffuse cystic lung diseases which reflects in diagnostic work-up of PLCH and LAM was presented by Aurelie Fabre. IgG4 related lung disease and differential diagnostic possibilities were discussed by Lina Carvalho. Multidisciplinary approach in solving lung granulomatous diseases is frequently encountered in our daily routine. The topic was presented by Izidor Kern. Last speaker was Marina Ivanovic and she focused on lung infections which can be diagnosed with high level of certainty by pulmonary pathologist.

Long course on the new WHO classification of lung tumors covered evidenced based developments in the field which will be introduced in the upcoming edition of the blue book. Kelly Butnor presented changes in the histopathological patterns of lung adenocarcinoma which are important for grading system. Mauro Papotti gave new insights to neuroendocrine tumors of the lung. Mary Beth Beasley discussed pleomorphic carcinomas. Paul Hofman lectured on molecular characteristics of some rare lung tumors. Sanja Dacic did an overview on the refined classification of pleural malignant mesothelioma. Best

practices recommendations for immunohistochemistry and molecular analysis performed in small biopsies and cytological specimens were presented by Eric Thunnissen.

Nine speakers, mainly young researchers, presented their interesting research works in the Oral Free Paper Session on pulmonary pathology as this joint session was also organized with Thymic and Mediastinal WG.

Besides 49 conventional poster presentations, there was a separate electronic poster session with 39 posters. Based on research topic, methodological approach, impact of the results in the field, and figure and graph quality a committee of PPWG board members and local convenor selected to award for the best poster author Josephine Wright "Pulmonary carcinoid tumours with elevated proliferation rates – should there be a grade 3 subgroup of neuroendocrine tumours (NET)?". The poster had mean total score 17. The second best poster was e-poster authored by Gregor Vlacic "Value of immunohistochemistry for detection of BRAF V600E mutation" which received mean total score 14.

Scientific program of the ESP/IAP congress included other sessions which were related to pulmonary pathology. Keith Kerr was a keynote lecturer with a talk on a journey in diagnostic onco-pathology of lung cancer. There was a symposium by Virchows Archiv which addressed challenges in lung and thoracic pathology. Marianne Engels discussed advantages and challenges of cytology samples and molecular biomarker testing in lung cancer. Molecular advances in classification of pleural mesotheliomas were presented by Mathieu Foll.

Several industry symposia were focused on lung carcinoma predictive biomarker testing. Invited speakers were well known pulmonary pathologist in the field.

During the virtual business meeting, the chair of the PPWG Fiorella Calabrese gave us a summary of the PPWG activity during last year. A membership list is regularly updated. PPWG has new e-mail address. In the future, more energy by our WG will be directed towards young pulmonary pathologists to involve them in WG activities and to promote membership in countries with no or few members. Unofficial colleagues who work in the field of pulmonary pathology will be motivated to join our WG. A brief follow-up on the work was presented by Federica Pezzuto for she was awarded the best poster at the Nice ESP Congress last year for her work entitled Role of autoimmunity and IL-17 expression in acute and chronic lung allograft rejection: an experimental rat model. Izidor Kern, new chair of the group was introduced as well as Paul Hofman, as a co-chair. They acknowledged and expressed gratitude Fiorella Calabrese for her exceptional work done for the PPWG. Proposed program with topics for the ESP congress in Gothenburg was presented: a slide seminar on intriguing cases jointly organized with electron microscopy WG and affiliated Society of Cardiovascular Pathology, a short course on "acronyms" jointly organized with Cytopathology WG, a symposium on lung pathologist in covid-19 pandemic, a videomicroscopy session on systemic diseases with lung involvement, and a slide seminar on rare thoracic tumors. Christian Ortiz Villalon will organize special symposium. We aimed to organize educational webinars and establish EScoP course. New ESP advanced training centres are welcome. We encourage to participate in Philippe Vielh proposal for stimulation based educational program in pulmonary pathology which may be provide anywhere in the world through web access. Plans for the scientific and educational activities in the

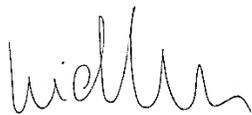
upcoming year were briefly presented. Any initiatives by members and other colleagues interested in pulmonary pathology are welcomed.

Thank you for reading this report and for your support of the PPWG. Please feel free to contact us for any questions or suggestions.

Fiorella Calabrese, Chair of PPWG

A handwritten signature in cursive script that reads "Fiorella Calabrese". The signature is written in black ink on a light-colored background.

Izidor Kern, Co-chair of PPWG

A handwritten signature in cursive script that reads "Izidor Kern". The signature is written in black ink on a light-colored background.