

ESP Digital and Computational Pathology Workshop



Venue: IPATIMUP (Institute of Molecular Pathology and Immunology of the University of Porto)

Address: Rua Júlio Amaral de Carvalho, 45; 4200-135 Porto, Portugal

Dates: 22 - 23 January 2026

Faculty:

Catarina Eloy, Portugal

Mónica Curado, Portugal

João Vale, Portugal

António Polónia, Portugal

Iván Rienda, Portugal

João Pinto, Portugal

Ierecê Aymoré, Portugal

Ana Caramelo, Portugal

Falko Fend, Germany

Attendance: This course is with on-site attendance only and will not be recorded

Workshop language: The course will be provided in English

Available participant slots: 12

Eligibility criteria for participation:

To register for this workshop participants are expected to meet the following criteria:

- To be an ESP member with active membership for 2025 and/or 2026
- To be board certified
- To currently work at a pathology department/laboratory which is, or is about to, undergoing digital transition
- Preferably to be the person responsible for the digital transition and/or workflow of their department/laboratory

Educational outcome:

After attending this workshop, participants will learn about:

- the Digital transformation of the laboratory
- Standardizing histological procedures for optimal use in digital Pathology
- how to use digitalisation in specific histological specimens (like cytological material) or techniques (like immunohistochemical slides)
- impact and uses of AI in digital Pathology

Registration process:

Colleagues, who fulfil the criteria and are interested to join this workshop, are invited to apply for registration via the [ESP website](#).

Participant slots will be provided on first come, first served basis to those who meet the eligibility criteria.

After review of the application, participants will receive instructions on how to proceed with the payment of the registration fee.

Registration fees:

For the course programme only*:

350 Euro

For both the course programme and the social event (networking dinner at a restaurant):

400 Euro

There is no option for on-site registrations/payments.

Deadline to register: **7 January 2026**

*Registration for the course programme includes access to the course venue, coffee breaks and lunches and a personalised certificate of attendance. The registration fee does not include travel or accommodation costs.

By registering for this ESP Workshop participants acknowledge and agree with the ESP activities Terms and Conditions, available via this [LINK](#).

Workshop Programme

All times are for local time in Porto. Portugal

DAY 1 - Thursday 22 January		
08:00	Arrivals	
08:30	Welcome and introductions	Catarina Eloy and Christos Poullos
09:15	Overview of the lab functioning (Tour demonstrating general lab features, facilities, human resources and instruments + Q&A)	Catarina Eloy and Mónica Curado
11:00	Coffee break	
11:30	Accessioning and macroscopic changes towards an efficient processing	Mónica Curado
12:00	Standardizing histological procedures	João Vale
12:30	Validation, quality and production control of whole slide images for diagnosis	Catarina Eloy
13:00	Lunch break	
14:00	The integrated and controlled functioning of the scanner (lesson in the lab)	Catarina Eloy and João Vale
14:30	Navigation for diagnosis – histology and cytology (hands on)	António Polónia, João Pinto, Iván Rienda and Ierecê Aymoré
15:30	Coffee break	
16:00	Pathologist workstation	João Pinto
16:30	Archiving, sharing and reporting on whole slide images	Falko Fend
17:00-17:30	Digital cytology	Catarina Eloy
20:30-22:30	Dinner at restaurant	All – registration mandatory

DAY 2 – Friday 23 January 2026		
9:00	Immunohistochemistry and dark field analysis – optimization for scanning	Ana Caramelo
9:30	The integrated and controlled functioning of AI in clinical routine	António Polónia
10:00	Impact of computational pathology in biomarkers analysis	António Polónia
10:30	Annotation, training and evaluation of AI models	Iván Rienda
11:00	Coffee break	
11:30	Navigation with AI guidance	António Polónia and João Pinto
12:15	Foundation models in Pathology	Iván Rienda
12:30	AI for reporting and management	João Pinto
12:45	Regulatory issues	Mónica Curado
13:15	Q&A and summary of the course	All
13:30	End of the course	
13:30-14:30	Light Lunch and departure	

ESP has applied for the CME accreditation of the workshop.