

Course Programme

All times are for local time in Nice, France

Wednesday, 2nd October			
Day 1 - Molecular Foundations of Lung Cancer			
Time	Duration (min)	Topic	Speaker
08:00 – 08:30	30	Registration and Welcome	
8:30 – 9:00	30	Welcome message from ESP Introduction	All Faculty
Morning Session: Introduction and Core Concepts			
9:00 – 9:45	45	Introduction to histological classification of lung cancer	Sabina Berezowska
9:45 – 10:15	30	Comprehensive overview of molecular classification in lung cancer	Fernando Lopez-Rios
10:15 – 10:45	30	Therapeutic Implications of Precision Medicine in Lung Cancer	Mihaela Aldea
10:45 – 11:15	30	Break	
11:15 – 11:45	30	Emerging molecular biomarkers in non-small cell lung cancer	Paul Hofman
11:45 – 12:15	30	Molecular classification of SCLC	Marius Ilié
12:15 – 13:45	90	Lunch break	
Afternoon Session: Pre-analytics and Sample Management			
13:45 – 14:45	60	Challenges in Implementing Molecular Pathology in Practice in Lung Cancer - Pre analytics	Collection techniques: Mihaela Aldea Pre analytics in the lab: Marius Ilié
14:45 – 15:30	45	Challenges in Implementing Molecular Pathology in Practice in Lung Cancer – Sample management	Sabina Berezowska
15:30 – 16:00	30	Break	
Afternoon Session: Molecular Techniques in lung cancer			
16:00 – 17:00	60	Molecular Techniques in Lung Cancer – PCR, IHC, FISH and NGS	Fernando Lopez-Rios
17:00 – 17:45	45	Case-based discussions in lung cancer cases	All faculty
17:45 – 18:00	15	Summary of the day	All faculty
20:00	120	Dinner with the Faculty at the Venue	

Thursday 3rd October			
Day 2 - Advanced Topics and Future Directions in lung cancer			
Morning Session: Liquid Biopsy and Tumour Microenvironment in lung cancer			
9:00 – 9:45	45	Liquid Biopsy in Lung Cancer	Paul Hofman
9:45 – 10:15	30	Tumour Microenvironment in Lung Cancer	Sabina Berezowska
10:15 – 10:45	30	Break	
Morning Session: Digital Pathology and AI in lung cancer			
10:45 – 11:15	30	Integration of Digital Pathology into Molecular Pathology for lung cancer	Marius Ilié
11:15 – 12:00	45	Case-based discussions in lung cancer cases	All faculty
12:00 – 13:30	90	Lunch break	
Afternoon Session: Emerging Technologies in lung cancer			
13:30 – 14:30	60	Artificial Intelligence in Pathology. Applications and Challenges in lung cancer	Mihaela Aldea
14:30 – 15:15	45	Multiplex immunohistochemistry. Applications and Challenges in lung cancer	Marius Ilié
15:15 – 15:45	30	Break	
15:45 – 16:45	60	Case-based discussions in lung cancer cases	All faculty
16:45 – 17:15	30	Summary of the day	All faculty

Faculty affiliations:

Sabina Berezowska

Co- Chair of the ESP Pulmonary Pathology Working Group
Médecin cheffe Institut Universitaire de Pathologie
Pathologiste référente pour le Centre des tumeurs thoraciques
Centre Hospitalier Universitaire Vaudois
University of Lausanne
Lausanne, Switzerland

Mihaela Aldea (Invited Speaker from IHU RespirERA)

Assistant professor, International Center of Thoracic Cancers Paris Saclay University
Medical oncologist, Thoracic Cancer and Precision Medicine Group, Gustave Roussy
Institute, Villejuif, France
Dana-Farber Cancer Institute, Boston, USA

Paul Hofman

Chair of the ESP Pulmonary Pathology Working Group
Co-chair of the Molecular Pathology Working Group at the IASLC
WP Leader at the European Liquid Biopsy Society (ELBS)
Member of the Pulmonary Pathology WG at the ETOP
Director IHU RespirERA
University Côte d'Azur, IHU RespirERA, Nice, France



Fernando Lopez-Rios

Department of Pathology, Hospital Universitario 12 de Octubre,
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Marius Ilié

Co-Chair of the ESP Molecular Pathology Working Group
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