



Research Seminar: *Regenerating the lung – a multidisciplinary approach to combat COPD?*

6 - 7 November 2025

Prague, Czech Republic

Thursday, 6 Novembre 2025

09:00-09:10	Welcome and introduction by organisers S. Cloonan and M. Lehmann
09:10-09:30	Patient Perspective - 24hrs in the life of a COPD patient Moderators: J. Wedzicha, L. Lahousse
09:30-10:10	Why can't we cure COPD patients yet? – J. Wedzicha
<i>10:10-10:30</i>	<i>Coffee break</i>
	Session 1: Early determinants of Regenerative Resilience and Susceptibility of COPD Chairs: R. Faner and ECM
10:30-10:55	Unravelling the Influence of Early Life Events on COPD Lung Regeneration? – TBC
10:55-11:20	Beyond Smoke: An Epidemiological Exploration of COPD – L. Lahousse
11:20-11:45	Do we have a choice? Impact of the Exposome on COPD development – S. Lanone
11:45-12:00	Oral presentation 1
<i>12:00-13:30</i>	<i>Lunch</i>
	Session 2: Deciphering Lung Regeneration: Understanding the Capacity Within Chairs: A. Önder Yildirim and ECM
13:30-13:55	Imaging readouts relevant to lung regeneration - S. Verleden
13:55-14:20	Re-engaging developmental pathways to regenerate the lung - M. Lehmann
14:20-14:45	Gene and cell therapy to enhance regenerative capacity of the lung - D. Weiss
14:45-15:00	Oral presentation 2
<i>15:00-15:30</i>	<i>Coffee break</i>
	Breakout sessions: Current scientific challenges and future perspectives in COPD research
15:30-17:00	1. Early COPD- understanding disease origin

All times are in Central European Time (CET)



Chairs: TBC

2. COPD models

Chairs: TBC

17:00-17:45 General discussion Breakout sessions

Moderators: J. Wedzicha

17:45-19:15 Poster session with predinner networking drinks

19:30 *Dinner for all participants*

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08:00-08:30 *Coffee and networking*

Session 3: Targeting aberrant immune responses in COPD to enable regeneration

Chairs: TBC + ECM

08:30-08:55 Novel pro-regenerative immune-therapies in COPD – T. Conlon

08:55-09:20 Heterogeneity of inflammatory responses in COPD endotypes. A systems medicine approach and its translation into the clinic - TBC

09:20-09:45 Optimizing Alveolar Regeneration via Immunometabolism - S. Cloonan

09:45-10:00 Oral presentation 3

10:00-10:20 *Coffee break*

Session 4: Transferring advanced technologies to COPD research

Chairs: D. Weiss + ECM

10:20-10:45 Understanding COPD stem and immune cells in space and time – TBC

10:45-11:00 Oral presentation 4

11:00-11:25 Engineering immunocompetent lung on a chip for COPD modelling - TBC

11:25-11:40 Oral presentation 5

11:40-13:00 **Breakout sessions:** Strategies and Tools to Advance COPD Research with lunch

1. Grants and Seminars

Chairs: Sophie Lanone and Mareike Lehmann and TBC

2. Creating networks and career development

Chairs: S. Cloonan and TBC

13:00-14:00 General discussion breakout rooms and preparation of outputs

Chairs: S. Cloonan and M. Lehmann

14:00-14:30 *Remarks and departure*