



# 2025 International Conference on Biofabrication

## Wednesday 17 September 2025

### S38 Advanced Organ-on-Chip Technologies for Pulmonary and microenvironment Studies - Rudniew (13:30 - 15:00)

-Conveners: Łukasz Luśtyk; Ozlem Goksel

time	[id] title	presenter
13:30	[1] The transformative role of organ-on-chips for evaluating the exposure of airborne particles	YESIL-CELIK TAS, Ozlem
13:50	[10] Physiologically Relevant Lung-on-Chip Models for Studying Airborne Toxicants and Drug Responses	GUENAT, Olivier
14:10	[358] Modeling and Biofabrication of Lung Epithelial Barrier-on-a-Chip	SERT, Omur
14:20	[425] Novel Approach Methodologies in Modeling Complex Bioaerosol Exposure in Asthma and Allergic Rhinitis Under Climate Change	GOKSEL, Ozlem
14:30	[401] Surface Modification of PDMS and PET Membranes for Improved Integration and Biocompatibility in Organ-on-a-Chip Systems	TADKO, Oliwia
14:40	[545] Microfluidic-Assisted Biofabrication of Tunable Hydrogel Vascular Fibers with Dual Crosslinking for Tissue Engineering Applications	KHANMOHAMMADI, Mehdi
14:50	[483] Exploring Two-Photon Lithography for Microfabrication in Biological and Microfluidic Applications	KANDRA, Mario