

DAY 1

08:30	Registration Arrival of participants in the venue and posters hanging day 1		
09:00	Ice Breaker		Dr. François Busquet Altertox
09:05	Welcome		Dr. Samuel Constant Epithelix
09:15	Session 1	Modelling the biological barriers of the lungs in the context of anti-infective drug delivery	Prof. Claus-Michael Lehr Saarland University
09:45	Biological Barriers & Drug Delivery	A patient-derived lung-on-chip to recapitulate Interleukin-2 induced vascular leak syndrome	Dr. Giulia Raggi AlveoliX AG Young researcher
10:10		Assessing the permeability of antibiotics in human lung-derived cell lines to understand their disposition in the lung epithelium	Dr. Sina Simon Roche Innovation Center Basel & Saarland University Young researcher
10:35	COFFEE BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
11:05	Session 2	Inhalation exposure devices and "breathing" lung models	Dr. Otmar Schmid Helmholtz Munich
11:35	Exposure, deposition and IPF modelling	Advances in <i>in vitro</i> modeling of pulmonary fibrosis Focus on precision-cut lung slices (PCLS) model	Dr. Hanan Osman-Ponchet PKDERM Laboratories
12:00		Application of human iPSC-derived 3D-structure alveolar organoids for translational IPF therapeutics research	Dr. Yuki Yamamoto HiLung Inc.
12:25	LUNCH BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
14:00	Session 3	Monitoring aspergillus and SARS-CoV-2 infections in immune-competent <i>in vitro</i> respiratory models	Prof. Doris Wilflingseder University of Veterinary Medicine Vienna
14:30	Bacterial Infections and Fungal Infections	The microbial-binding lectin intelectin-1 modulates methicillin-resistant Staph.aureus (MRSA) infection on human cystic fibrosis bronchial epithelium	Dr. Estelle Cormet-Boyaka The Ohio State University
14:55		Exposure of differentiated airway epithelial cells to various combinations of Respiratory Syncytial Virus (RSV), Strep. pneumoniae, Printex 90 and Diesel Exhaust Particles (DEP)	Dr. Yvonne Staal National Institute for Public Health and Environment (RIVM)
15:20	COFFEE BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
15:50	Session 4	Bioengineered lung-on-chip platforms for preclinical inhalation and aerosol exposure assays	Prof. Josue Sznitman Israel Institute of Technology
16:20	Think Different	Advanced pulmonary <i>in vitro</i> models to investigate immune-related toxicities	Dr. Linda Steinacher Roche Innovation Center Basel Young researcher
16:45		A multi-pronged approach to advance <i>in vitro</i> inhalation toxicity testing	Dr. Nuria Roldan PETA Science Consortium International e.V. Young researcher
17:10	PSCI/Epithelix AWARDEE ANNOUNCEMENT		
17:20	HOUSEKEEPING: Poster removal day 1 - Poster hanging day 2		
19:00	DINNER & CONCERT: Ruhl Plage, 1 Promenade des Anglais 06000 Nice		

DAY 2

09:00	Session 5	Integrated approaches for chemical safety assessment and drug design	Prof. Dario Greco Tampere University
09:30	Modeling COPD/Asthma/ CF/CPD <i>in vitro</i>	Characterization of anti-inflammatory drug effects in Air-Liquid Interface model of human primary airway epithelial cells co-culture with peripheral blood mononuclear cells	Dr. Giulia Ripari University of Brescia, Chiesi Farmaceutici S.p.A.
09:55		Unravelling susceptibility to COPD insights from a novel <i>in vitro</i> model to potential therapeutic targets	Dr. Cheng-Yu Wu Cardio-Pulmonary Institute (CPI) Young researcher
10:20	COFFEE BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
10:55	Session 6	Single cell airway epithelium biology at the nanoscale	Dr. Vito Mennella University of Cambridge
11:25	Mucus, Surfactant, Cilia Functions and Modulations	Computational high-speed video reflection microscopy as a new diagnostic tool to quantitatively identify impaired mucociliary activity	Dr. Martin Schneider University of Bern Young researcher
11:50		Comparative study of the non-linear rheology of patient sputum and mucus produced by reconstituted airway epithelium <i>in vitro</i>	Dr. Lydia Esteban Enjuto Rheonova Young researcher
12:15	LUNCH BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
13:45	Introduction to goals of the RIVM workshop		
13:55	Session 7	Advancing lung tissue engineering for regulatory acceptance	Prof. Barbara Rothen-Rutishauser Fribourg University
14:25	Inhalation Toxicity Testing	Enhanced toxicological evaluation of cannabis vapor on lung epithelial cells using air-liquid interface culture	Dr. Emily Wilson McGill University Young researcher
14:50		Predicting respiratory sensitization: a 3D <i>in vitro</i> alveolar model	Sabina Burla Luxembourg Institute of Science and Technology Young researcher
15:15	COFFEE BREAK, VISITING EXHIBITION AREA & POSTER VIEWING		
15:45	Session 8	Application of human <i>in vitro</i> models for virology	Dr. Adithya Sridhar Amsterdam University Medical Center
16:15	Viral Infection	Leveraging inter-donor and inter-pool variability in 3D reconstituted tissue models: implications for experimental design in transcriptomics	Dr. Julien Fouret Virpath
16:40		Nebulized host-directed metabolic inhibitors efficiently inhibit respiratory viral infection	Dr. Sarah Wideman GST Antivirals GmbH Young researcher
17:05	CLOSURE LIVE2024		