

PROGRAMME

DAY 1: Wednesday 3rd May 2023

Time	Title	Speaker
08:00	Coach transfer for FULL DELEGATES AND EXHIBITORS from the conference hotel to meeting venue (pick up at 08:00)	Registration starts at 08:30
09:00-09:10	Welcome from the Chair of the AIT	Joanne Kilgour (AIT Chair)
09:10-09:30	Exhibitors	2-minute pitch by each exhibitor
In vitro Inhalation Testing: Exposure Systems, Cell Models and Characterization Challenges <i>Sponsor of the in-vitro session: Charles River Laboratories (https://www.criver.com/)</i>		
09:30-10:10	Assessment of Sodium Dodecyl Sulphate Aerosol Delivered Dose and Toxicity to Human Lung Air-Liquid Interface Using VITROCELL™ Continuous Flow Equipment	Mary McElroy
10:10-10:50	A New In Vitro Nebulization Assay Applied on a 3D Reconstructed Human Airway Tissue Model: Application for Assessment of Anti-Inflammatory Aerosol	Hanan Osman Ponchet
10:50-11:10	Coffee, exhibitors, posters	
11:10-11:50	Preclinical in vitro pulmonary models of ventilation for inflammation and infection assays	Josué Sznitman
11:50-12:30	Considerations for using respiratory toxicology NAMs https://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/cbc/mono(2022)31&doclanguage=en	Clive Roper
12:30-13:10	Impacts of Inter-Individual Variability, Multi-Cellularity, and Test Agent Dosing on the Use of In Vitro Systems for Inhaled Chemical Testing	Shaun McCullough
13:10-14:10	Lunch <i>Sponsor of lunch: Cerulean (www.cerulean.com)</i>	
14:10-14:50	Respiratory models talk, disease area expert	AZ Scientist (TBC)
	Coupling Complimentary Experimental Work and Computational Workflows to Advance Integrated Approaches to Testing and Assessment (IATA): Role of Reporting Standards	Annie Jarabek
15:30-15:50	Coffee, exhibitors, posters	
15:50-16:30	An in vitro fibrosis mini-lung with real-time monitoring of cell mechanics for improved clinical relevance	Otmar Schmid
16:30-17:10	Inhalation exposure model on a breathing lung-on-chip	Giulia Raggi
17:20	Coach transfer for FULL DELEGATES AND EXHIBITORS from the meeting venue to the conference hotel (pick up at 17:20)	Arrive back at hotel at 17:50

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PROGRAMME

DAY 2: Thursday 4th May 2023

Time	Title	Speaker
08:00	Coach transfer for FULL DELEGATES AND EXHIBITORS from the conference hotel to meeting venue (pick up at 08:00)	Arrive at the meeting venue at 08:30
Cannabinoids: Introduction, Toxicology Studies and Discussion		
09:00-09:35	Introduction to cannabis #1: Classification & regulation of cannabis and cannabinoid products	Chandni Hindocha
9:35-10:10	Introduction to cannabis #2: Horticulture and production of cannabis for pharmaceutical products	David Potter
10:10-10:45	Methodology for Cannabis Aerosol generation and transport for toxicology studies	Ian Tindal
10:45-11:15	Coffee, exhibitors, posters	
Cannabinoids: Introduction, Toxicology Studies and Discussion		
11:15-11:50	[Inhaled cannabinoids, both CBD and THC. Primarily nonclinical but possibly also clinical]	Jacob McDonald
11:50-12:30	An Inspired Project: A Cannabinoid-based Drug-Device Combo	Blane Stobbs and Valentino Parravicini
12:30-13:00	Panel discussion	All speakers
13:00-14:00	Lunch	
Foundational Data (Anatomical and Physiological Parameters) for the Respiratory Tract Across Life Stages		
14:00-14:40	The postnatal development and maturation of the respiratory tract	Melanie Greeley
14:40-15:20	Juvenile Animal Studies: A Role In Inhalation Toxicity Testing?	Paul Baldrick
15:20-15:40	Coffee, exhibitors, posters	
15:40-16:10	AIT Annual General Meeting	
Update		
16:10-16:50	Improving Animal Welfare with Inhalation Primate Studies using Computational Fluid Dynamics	Simon Moore
17:00	Coach transfer for FULL DELEGATES AND EXHIBITORS from the meeting venue to the conference hotel (pick up at 17:00)	Arrive back at hotel at 17:20
Conference dinner from 19:00	<p style="text-align: center;">Conference dinner from 19:00 at the conference hotel</p> <p style="text-align: center;"><i>Sponsorship of the conference dinner: Lovelace Biomedical</i> (https://www.lovelacebiomedical.org/)</p>	Please bring your badge for ID

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DAY 3: Friday 5th May 2023

Time	Title	Speaker
08:00	Coach transfer for FULL DELEGATES AND EXHIBITORS from the conference hotel to meeting venue (pick up at 08:00)	Arrive at the meeting venue at 08:30
AstraZeneca: Tours and Talks		
09:00-09:40	Draft title Toxicology of an inhaled compound.	Scott Manetz (TBC)
9:40-10:20	AZ speaker on inhalation and innovations (topic TBC)	Ian Wallace or Per Aberg
10:20-11:00	Advanced in vitro methods for inhalation risk assessment	Paul Fitzpatrick
11:00-13:00	Coffee, Exhibits, and Posters throughout the time of the tours detailed below	
11:00-12:30	Delegates split into cohort groups (approximately 20/group) and rotate through the following: Cohort A: 11:00: Amazing Journey, 11:30: Facilities Tour, 12:00: Exhibitors and posters Cohort B: 11:00: Facilities Tour, 11:30: Exhibitors and posters 12:00: Amazing Journey Cohort C: 11:00: Exhibitors and posters 11:30: Amazing Journey, 12:00: Facilities Tour Anyone not on the tours will have the opportunity to network, meet the exhibitors and view/ask questions about the posters on display.	FULL DETAILS TBC
12:30-13:00	Part 4: Talks in the auditorium from AstraZeneca Scientists – discovery talks	AstraZeneca
13:00-13:10	Close of conference by Chair of the AIT	Jo Kilgour (AIT Chair)
13:10-14:00	Lunch will be provided before delegates leave	
Approx 14:10	Coach 1: transfer for FULL DELEGATES AND EXHIBITORS from the meeting venue to Gothenburg Landvetter airport (pick up at ~14:10; arrive at the airport ~15:00) Coach 2: transfer for FULL DELEGATES AND EXHIBITORS from the meeting venue to the conference hotel (pick up at ~14:10) back to the hotel at ~14:30	Must register for the coach required
	ALL MUST VACATE THE CONFERENCE VENUE BY 15:00 AT THE LATEST AS DOORS WILL BE LOCKED	

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Exhibitors:	Sponsors:
Cerulean: www.cerulean.com	AstraZeneca has provided a sponsorship grant towards this independent programme: www.astrazeneca.com/
ImmuONE: https://immuone.com/	Sponsorship of the Conference Dinner and provision of lanyards: Lovelace Biomedical: https://www.lovelacebiomedical.org/
Epithelix: https://www.epithelix.com/	Sponsorship of the Meeting Venue: ITR Laboratories Canada Inc.: https://www.itrlab.com/
Emka & SCIREQ: https://www.emkatech.com/ and https://www.scireq.com/	Sponsorship of the Delegate Lunch on Day 1: Cerulean: www.cerulean.com
Data Sciences International (DSI): https://www.datasci.com/	Sponsorship of the In-Vitro Presentation Session on Day 1: Charles River Laboratories: https://www.criver.com/
MatTek Corporation: www.mattek.com	Sponsorship of Delegate Materials: Labcorp Drug Development: https://drugdevelopment.labcorp.com/
Vivotecnia: https://www.vivotecnia.com/	Sponsorship of Delegate Materials: GILEAD: https://www.gilead.com/
AlveoliX: https://www.alveolix.com/	Sponsorship of Delegate Materials: VJO Canada Inc.: https://www.vjocanada.com
cellQART: https://cellqart.com/	Sponsorship of Delegate Materials: PETA Science Consortium International e.V.: https://www.thepsci.eu/
CH Technologies (USA) Inc.: https://chtechusa.com/	