

MONDAY 16th SEPTEMBER 2024 FROM 9AM

VISIT TO CHARLES RIVER LABORATORIES, ASHLAND, OHIO – Visit sponsored by Charles River Laboratories
(<https://www.criver.com/>)

Full Details TBC (first 56 people to register only)

Draft tour details:

- Cap numbers at 1 coach load – 56 people.
 - Travel time to and from site is approximately 1 hour each way.
 - Pick up at the hotel at approximately 09:00 (may be adjusted), arrive at CRL site at approx. 10:15.
 - Tour to start at approximately 10:30
 - Delegates split into a 2-batch tour (approx. 28 people/group).
 - The attendees will be taken to the presentation room and split into 2 groups. One group will be taken to the inhalation suite while the other group has short presentations from CRL staff followed by a Q&A session (this will take approximately 1 hour). Swap groups at approximately 11:30 and run tour/talks for another 1 hour.
 - Light lunch and refreshments provided (at approximately 12:30; 0.5 hour).
 - Short network and Q&A session after lunch (approximately 13:00 to 14:00; 1 hour).
 - Leave CRL site at approximately 14:00, back to the conference hotel at ~15:00-15:30.
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The 2024 AIT meeting is sponsored by Lovelace Biomedical (<https://www.lovelacebiomedical.org/>)

DRAFT PROGRAMME

DAY 1: Tuesday 17th September 2024

Time	Title	Speaker
09:00-09:10	Welcome from the Chair of the AIT	Joanne Kilgour (AIT Chair)
09:10-09:30	Exhibitors (2 minutes pitch each)	2-minute pitch by each exhibitor
NAMs / In vitro session supported by the ASCCT (https://www.ascctox.org/)		
09:30-10:10	Complex In-Vitro Models and Mycrophysiological Syatems Application in Drug Discovery and Development: Perspective of the IQMPS Affiliate (S01-5)	Speaker to be confirmed
10:10-10:50	Regulatory acceptance of NAMs to assess hazard and safety from a CRO perspective	Mary McElroy
10:50-11:10	Teas/coffee	Arcade area downstairs
11:10-11:50	Critical Role of ALI in Unveiling the Impacts of Cannabis Vapor on Lung Epithelial Cells	Emily Wilson
11:50-12:30	Status of in vitro models for respiratory sensitization – more information requested	Arno Gutleb
12:30-13:10	Aerosol dosimetry for the risk assessor: Why we need it to translate toxicity and what tools are available?	Richard Corley
13:10-14:00	Lunch	Arcade area downstairs
NAMs / In vitro session supported by the ASCCT (https://www.ascctox.org/)		
14:05-14:45	High-content image analysis for profiling alveolar macrophage responses to biologics	Louis Scott
14:45-15:25	New Approach Methodologies (NAMs) for the <i>In Vitro</i> Assessment of Cleaning Products for Respiratory Irritation: Workshop Report	Speaker to be confirmed
15:25-15:45	Teas/coffee	Arcade area downstairs
15:45-16:25	In silico prediction	Jo Varshney
16:25-17:05	Round table discussion	
17.05 – 17.35	Poster session / Exhibitors	Arcade area downstairs

You are advised that the programme timings, lecture title and speakers may be subject to change without notice.

DRAFT PROGRAMME

DAY 2: Wednesday 18th September 2024

Time	Title	Speaker
Inhaled biologics / proteins / gene and cell therapeutics, biomarkers		
09:00-09:40	Intro and new modalities (to be confirmed)	Speaker to be confirmed
09:40-10:20	Non-Clinical Models for Inhaled Biologics.	Philip J. Kuehl
10:20-10:50	Intro to CGT including case study	Mayuri Prasad
10:50-11:10	Teas/coffee	Arcade area downstairs
11:10-11:50	Challenges with safety containment / aerosolization	Simon Moore
11.50-12:30	The Immunogenicity of Therapeutics Administered by the inhalational Route: the Whys and Potential Mitigation Strategies.	Amy Rosenberg
12:30-13:30	Lunch	Arcade area downstairs
13:30-14:10	Regulatory issues – biologics	David Cantu
14:10-15:00	Round table discussion	
15:00-15:20	Teas/coffee	Arcade area downstairs
Hot Topics - Intranasal		
15.20-16:00	The Growing Field of Nasally Delivered Therapies	Igor Gonda
16.00-16:40	Intranasal Methodology – Challenges and Advances in Nonclinical Methods	Emily Ressegiue
16.40-17:00	Aerosol development of an inhaled synthetic surfactant for premature infants	Jeff Tepper
17.00-17:20	AIT Annual General Meeting	AIT committee
Network session sponsored by PETA Science Consortium International e.V. (https://www.thepsci.eu/)		
Network session from 18:00	Exhibitors and posters to be manned in the Arcade area downstairs provisionally from 18:00; reception drink and networking session (time to be confirmed)	Arcade area downstairs
Conference dinner sponsored by Cerulean (https://www.cerulean.com/en)		
Conference dinner 19:00 to 21:00	Conference dinner in the Arcade area downstairs provisionally from 19:00; Please bring your badge for ID (time to be confirmed). From 21:00 the 1890 Lounge bar area in the hotel will be open for delegates to continue networking (closes at 22:00).	Arcade area downstairs

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DRAFT PROGRAMME

DAY 3: 19th September 2024

Time	Title	Speaker
Aerosol generation in vivo invitro / novel method of generation/ aerosol sampling		
09:00-09:40	In-vitro aerosol generation and dosimetry, with comparison to in-vivo (tbc)	Blane Stobbs
09:40-10:20	Animal exposure systems / sampling	Simon Moore
10:20-10:40	The importance of using animal in vitro data and animal in vivo data to validate human deposition modelling	Richard Corley
10:40-11:00	Teas/coffee	Arcade area downstairs
Translational calculations and rare disease case study		
11:00-11:40	Translation - "Calculating the safe starting dose and maximum allowable dose for human trials of inhaled drugs using FDA paradigms"	Dale Christensen
11:40-12:20	Talk to be confirmed	Jeff Tepper
12:20-13:00	Poster session / Exhibitors	Arcade area downstairs
13:00-14:00	Lunch	Arcade area downstairs
Wildfires and smoke inhalation toxicology		
14:00-14:40	Evaluating the health risks of complex wildfire smoke exposures through <i>in vitro</i> and <i>in silico</i> modelling	Sarah Miller
14:40-15:20	Investigating the links between chemical exposures and adverse health effects associated with the "Camp Fire" smoke	Qi Zhang
15:20	Close of conference by Chair of the AIT	Jo Kilgour (AIT Chair)
	We wish you all a safe journey home and hope to see you all next year!!	

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