

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
Title of session TBC: NAMs / In vitro		
09:30-10.10	Complex In-Vitro Models and Mycrophysiological Syatems Application in Drug Discovery and Development: Perspective of the IQMPS Affiliate (S01-5)	Ratnakar Potla
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
Title of session TBC		
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 – to be confirmed	Arno Gutleb
12.30-13:10	Aerosol dosimetry for the risk assessor: Why we need it to translate toxicity and what tools are available? and The importance of using animal in vitro data and animal in vivo data to validate human deposition modelling	Richard Corley
13:10-14:00	Lunch	Arcade area downstairs
Title of session TBC		
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	Lynne Haber
15:25-15:45	Teas/coffee	Arcade area downstairs
Title of session TBC		
15.45-16:25	Assessing toxicity potential of inhaled drugs and chemicals: a hybrid AI approach	Divesh Bhatt
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.

PROGRAMME

DAY 2: Wednesday 18th September 2024

Time	Title	Speaker
Title TBC - Inhaled biologics / proteins / gene and cell therapeutics, biomarkers (qualification cardiovascular and COPD)		
09:00-09:40	Intro and new modalities (to be confirmed)	Scott Manetz
09:40-10:20	Intro to CGT including case study	Mayuri Prasad
10:20-10:50	Non-Clinical Models for Inhaled Biologics.	Philip J. Kuehl
10:50-11:10	Teas/coffee	Arcade area downstairs
	Title of session TBC	
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 Rosenburg
12:30-13:30	Lunch	Arcade area downstairs
	Title of session TBC	
13:30-14:10	Regulatory issues – biologics	David Cantu
14:10-15:00	Round table discussion	
15:00-15:20	Teas/coffee	
Title TBC - 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	Regulatory talk	TBC
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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PROGRAMME

DAY 3: 19th September 2024

Time	Title	Speaker
Title TBC: 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	Title TBC in June	Name TBC in June
10:40-11:00	Teas/coffee	Arcade area downstairs
Title of session TBC - 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	Aerosol development of an inhaled synthetic surfactant for premature infants	Jeff Tepper
12:20-13:00	Poster session / Exhibitors	Arcade area downstairs
13:00-14:00	Lunch	Arcade area downstairs
Title TBC - Wildfires and smoke inhalation toxicology		
14:00-14:40	Evaluating the health risks of complex wildfire smoke exposures through in vitro and in silico 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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