

**MONDAY 2<sup>nd</sup> JUNE 2025 FROM 9:15AM**

**Visit to the ImmuONE site in Stevenage, Hertfordshire**

**– Visit sponsored by ImmuONE**

**(<https://immuone.com/>)**

**Practical Inhalation session hosted by Labcorp**

**Full Details TBC (first 50 people to register only)**

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Draft ImmuONE visit details (subject to change as things are confirmed):

- Travel time to and from the visit site is approximately 1 hour each way.
  - The bus pick up is at the conference hotel at approximately 09:15, arrive at the ImmuONE site at approx. 10:00
  - Tour of ImmuONE laboratories and the practical demonstration by Labcorp is to start at approximately 10:15; the subgroups will be rotated through different rooms on the tour to see the ImmuONE workspace (in-vitro exposure, cell work and analysis) and a Labcorp practical inhalation session (in-vivo exposure methods, liquid aerosol generation methods, sampling of aerosols (e.g. PSD samples) etc.).
  - A light lunch and refreshments are provided (lunch at approximately 12:30; 30 minutes).
  - There will be a short network and Q&A session after lunch (approximately 13:00 to 14:00; 1 hour).
  - Leave the ImmuONE site at 14:00 to be back to the conference venue at approximately 15:00.
  - The remainder of the day will be your own time to catch up with work, if necessary, visit the conference free of charge swimming pool and gym (guests staying at the venue only) or visit the local area etc.
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# PROGRAMME

DAY 1: Tuesday 3<sup>rd</sup> June 2025

Time	Title	Speaker
08:30 to 09:20	REGISTRATION	Follow signage to the AIT presentation area
09:20-09:30	Welcome from the Chair of the AIT	Joanne Kilgour (AIT Chair)
09:30-09:50	Exhibitors (2 minutes pitch each)	2-minute pitch by each exhibitor
09:50-10:25	Correlation Studies in Inhalation Toxicology of Nanoparticle Aerosols Comparing In Vitro Human Cells and In Vivo Animal Models	Chang Guo - <i>UK Health Security Agency (UKHSA)</i>
10:25-11:00	Creating data templates for a battery of important in vitro inhalation assays. These will serve as a good step toward advancing reporting, transparency, comparability, utility and understanding of the technology.	Nina Jeliaskova - <i>IdeaConsult Ltd, Bulgaria</i>
11:00-11:30	<b>Teas/coffee</b>	
11:30-12:05	Overview of the HARMLESS project	Otmar Schmid - <i>Helmholtz, Germany</i>
12:05-12:40	"NAMs for inhalable (nano-)particles: A question of appropriate cell type(s) for predictive assays".	Tobias Stöeger - <i>Helmholtz, Germany</i>
12:40-13:40	<b>Lunch, exhibitors and posters</b>	
13:40-14:15	AOP-guided NAM-based prediction of in vivo hazard of inhaled particles.	Roland Grafström - <i>Karolinska Institute, Sweden</i>
14:15-14:50	Draft title: 3D models	Emma Rothwell - <i>Labcorp, UK</i>
14:50-15:10	<b>Teas/coffee</b>	
15:10-15:45	Draft title: Cannabinoids	<b>To be confirmed</b>
15:45-16:20	e-cigarettes testing – <b>title to be confirmed</b>	Dean Hatt - <i>Broughton, UK</i>
16:20-16:55	The in vitro assessment and testing of electronic cigarettes and liquids.	David Smart – <i>BAT, UK</i>
16:55 – 17:25	<b>Poster session / Exhibitors</b>	
<b>Evening BBQ and Networking session</b>		
Evening BBQ & Network session 18:00 – 21:00. The hotel bar is open until 11:00	Reception drink and networking session: Summer BBQ and games on the Lawn	Outside garden area

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

# PROGRAMME

DAY 2: Wednesday 4<sup>th</sup> June 2025

Time	Title	Speaker
09:00-09:35	Global governmental strategy for NAMs	John Kendrick - <i>Labcorp, UK</i>
09:35-10:10	NAM based prediction of point of contact preparatory toxicity using Human and Rat Airway Models	Jo Wallace - <i>Charles River Laboratories, UK</i>
10:10-10:45	awaiting topic	Seyoum Ayeahunie - <i>MatTek, USA</i>
10:45-11:15	Teas/coffee	
11:15-11:50	Working with pMDI Propellants	Paul Giffen - <i>AstraZeneca, UK</i>
11:50-12:25	Inhaled Formulation Development – from candidate to clinic	Michelle Dawson - <i>Fortrea, UK</i>
12:25-13:25	Lunch, exhibitors, posters	
13:25-14:00	Topic to confirm	
14:35-15:10	Round table discussion – the use of surrogate routes of administration and exposure eg. Micronucleus, safety pharmacology, CARC, DART	David Coleman to lead - <i>Labcorp, UK</i>
15:10-15:30	Teas/coffee	
15:30-15:50	Student presentation 1 – title to confirm	Elinda Zeqiri – <i>Hertfordshire University, UK</i>
15:50-16:10	Student presentation 2 - Towards a standard Approach for Occupational Exposure Risk Assessment in the pharmaceutical industry	Mar Crespo Ramirez - <i>TOXICONSULTANT S.L, Spain</i>
16:10-16:30	Student presentation 3 – <i>In vivo</i> and <i>ex vivo</i> evaluation of platelet therapy for lung injury	Anna Kelis, Institute of Pharmaceutical Science, King's College London
16:30-17:15	AIT Annual General Meeting	AIT committee
<b>Networking session</b>		
Network session 18:00 – 19:00	Reception drink and networking session: Exhibitor trade stands and posters to be manned from 18:00	Exhibitor area
<b>Conference dinner</b>		
Conference dinner then Lounge bar	Conference dinner at 19:00 to 22:00; Please bring your badge for ID. The Lounge bar area will be open for delegates to continue networking (closes at 23:00).	Dinner area downstairs

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# PROGRAMME

DAY 3: Thursday 5<sup>th</sup> June 2025

Time	Title	Speaker
09:00-09:35	New Approach Methods for Drawing Human-Relevant Safety Conclusions from Short-Term Exposure Studies Using In Vitro Respiratory Models.	Nikaeta Sadekar - <i>RIFM, USA</i>
09:35-10:10	Advancing NAM Data into Evidence Integration for Inhalation Risk Assessment: Integrated Approaches to Testing and Assessment (IATA)	Annie Jarabek – EPA, USA to confirm
10:10-10:45	Application of <i>in vitro</i> pulmonary models for hazard screening of silica particles	Matthew Boyles - <i>Edinburgh Napier University, UK</i>
10:45-11:15	<b>Teas/coffee</b>	
11:15-11:50	DoD-Unique Challenges in Chem Bio Defence, and Developing Tools to Overcome Them	Bradley Norwood - <i>Defense Threat Reduction Agency, USA</i>
11:50-12:25	NC3Rs – title to be confirmed	Mark Blee - <i>NC3Rs, UK</i>
12:25-12:55	CRACK-IT revisited 10 years on – Where are we now?	Victoria Hutter - <i>ImmuONE, UK</i>
12:55	Close of conference by Chair of the AIT	Jo Kilgour (AIT Chair)
13:00-14:00	<b>Lunch</b>	
	<b>The conference area will be available to 5pm if you want to network.</b>	
	<b>We wish you all a safe journey home and hope to see you all next year!!</b>	

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