

MONDAY – 16th April 2018

09:30	Registration desk open for CEP and Congress delegates	
Continuing Education Programme: Immuno-oncology – safety assessment strategies		
10:00 – 10:45	IO therapies – safety assessment strategies for therapeutic antibodies (Lolke de Haan / Rakesh Dixit, MedImmune)	
10:45 – 11:30	Safety assessment strategies for CAR-T cells (Peter Ulrich / Tim MacLachlan, Novartis)	
11:30 – 12:00	<i>Refreshments</i>	
12:00 – 12:45	Utility of disease models in safety assessment of IO therapies – challenges and opportunities (Martyn Foster, Pathology Consultant)	
12:45 – 13.30	<i>Lunch and Trade Exhibition</i>	
Congress Programme		
13:30 – 13:45	Welcome by the BTS President Professor Ernie Harpur (Newcastle University, UK)	
13:45 – 14:45	Plenary Lecture: The work of HESI – what it does, how it works and what has been achieved over 25 years. Syril Petit (CEO, HESI)	
14:45 – 17:15	Symposium 1: Organisers: Sarah Judge and Dominic Williams <i>Liver disease and environmental causes of liver disease</i>	Symposium 2: Organisers: Catherine Ross and Jo Kilgour (Joint BSTP/BTS session) <i>Respiratory toxicity and lung pathology</i>
	14:45 – 15:15 Introduction to Liver disease Professor Fiona Oakley (Newcastle)	Responses of the respiratory tract to toxic injury: adverse vs non adverse findings and impact on drug development Dr Colin Fish (GSK)
15:15 -15:45	Cell signalling in autoimmune liver disease Dr Patricia Lalor, University of Birmingham	Nanoparticle and fibre respiratory toxicology Dr. Rodger Duffin (MRC Fellow/Senior Lecturer, Edinburgh University)
15:45 -16:15	<i>Refreshments and Trade Exhibition</i>	
16:15 -16:45	Title - TBA Professor Guru Aithal, (Nottingham University)	Adverse health effects of air pollution Professor Frank Kelly (Kings College, London)
16:45 -17:15	Environmental triggers of liver disease Professor Matt Wright (Newcastle University)	Lung imaging – techniques and applications Dr Kev Dhaliwal [EPSRC Proteus Group, University of Edinburgh]
17:15 – 18:45	BTS AGM	
18:45	Drinks reception and posters	
19:30 onwards	Early Career Networking Quiz, BTS Speciality section networking, BTS Exec meeting	

TUESDAY – 17th April 2018

08:30	Registration opens	
08:00 – 08:40	<i>BTS Ambassadors breakfast</i>	
08:40 – 09:25	Early Career Investigator Prize Lecture: Will be announced after ratification of the SSC decision by Executive; January 30, 2018.	
	Symposium 3: Organisers: Martin Clift and Peter Newham (Joint BTS/IVTS session) Advanced <i>in vitro</i> models for inhalation toxicity testing	Symposium 4: Organisers: Henry Stemplewski and John Thompson Co- Sponsored by the Regulatory Toxicology Specialty Section and the Human Toxicology Specialty Section Ageing, Frailty and Multi-morbidity: medical challenges, current interventions, future solutions
09:30 – 10:00	In vitro systems to study the toxicology of particles and drugs at the epithelial lung tissue barrier Professor Barbara Rothen-Rutishauser (Adolphe Merkle Institute, Université de Fribourg, Switzerland)	Ageing and Frailty: time to intervene Professor Thomas von Zglinicki (Newcastle University)
10:00 – 10:30	Synthetic lung lining fluid model for testing inhaled biopharmaceuticals Dr Ben Forbes (UCL)	Assessment of ageing in preclinical models: current and future models and their clinical relevance Professor Susan Howlett (Department of Pharmacology, Division of Geriatric Medicine Halifax, Nova Scotia, Canada)
10:30 – 11:00	<i>Refreshments and Trade Exhibition</i>	
11:00 – 11:30	Lung on a chip Dr Oliver Guenat (Alveolix)	Biomarkers of ageing: the results from the EU FP7 MARK-AGE project Dr Andreas Simm, (Research Director of the University Clinic for Cardiac Surgery University Hospital Halle (Saale) Germany)
11:30 – 12:00	Use of air-liquid interface models in the pharma space Dr Kinga Balogh, (Discovery Safety, Drug Safety and Metabolism, IMED Biotech Unit, AstraZeneca, Gothenburg, Sweden)	Ageing, Frailty, Multi-morbidity: current medical interventions, future challenges, possible solutions Professor Ilaria Bellantuono, (Sheffield Medical School)
12:00 – 12:30	RSC presentation on publishing	
12:30 – 13:30	<i>Lunch and Trade Exhibition</i>	
13:30 – 14:30	Paton Prize Lecture Prof. Lewis Smith Chair: Dr Ernie Harpur (Newcastle University, UK)	
14:30 – 15:00	<i>Refreshments and Trade Exhibition</i>	
15:00 – 17:00	Oral Communications	Study Director/Study Monitor Workshop Chairs: Sean O'Halloran, Covance
17:00 – 18:30	Poster Session	

19:00 – 19:30	Pre-Dinner Drinks Reception	
19:30 – Late	Congress Dinner	
WEDNESDAY – 18^h April 2017		
08:30	Registration Opens	
08:40 – 09:40	Early Career Oral Communications <i>Chair: Dr Tina Mehta (Dow Agrosciences, UK)</i>	
	Symposium 5: Tim Gant and Carol Courage <i>Redox and oxidative stress</i>	Symposium 6: Marion McFarlane and Muireann Coen (Joint BTS/RSC session) <i>Stem cells and toxicology testing</i>
09:45 – 10:15	Overview - Mitochondria and redox stress Professor Victor Darley Usmar (USA)	Advances in stem cell technologies: impact on toxicology Dr. Jason Gill (University of Durham)
10:15 – 10:45	NRF 2 and antioxidant response Professor John Hayes (Dundee)	A human ES cell-based platform for determining selective neurotoxicity Dr Lia Panman (MRC Toxicology Unit)
10:45 – 11:15	<i>Refreshments and Trade Exhibition</i>	
11:15 – 11:45	Biomarkers of oxidative stress. Professor Pietro Ghezzi (Brighton and Sussex Medical School)	High-throughput human Organ-on-a-Chip models for prediction of neurotoxicity Dr Karlijn Wilschut (Mimetas)
11:45 – 12:15	Redox and cellular stress in relation to consumer risk assessments Dr Alistair Middleton (Unilever)	Screening models to improve decision making in drug development: Validation or Qualification? Dr Mark Holbrook (VAST Pharma Solutions)
12:15 – 13:00	<i>Lunch and Trade Exhibition</i>	
13:00 – 14:00	Public communications workshop: Phil Botham (Syngenta) and team (3-4 speakers, 10 minutes each plus Q&A session)	
14:00 – 15:00	Hot Topic Lecture: <i>Immuno- oncology toxicology</i> Dr Lolke de Haan (MedImmune) Challenges in the Assessment of Nonclinical Pharmacology and Safety of mAb-based Immuno-Oncology Products	
15:00	<i>Close of Congress</i>	