

MONDAY – 16th April 2018		
09:00	Registration open for CEP and Congress Delegates – <i>Gateshead Foyer</i>	
Continuing Education Programme		
Pipewellgate/Oakwellgate Immuno-oncology – safety assessment strategies Chair: tbc		
10:00 – 10:45	IO therapies – safety assessment strategies for therapeutic antibodies Dr Lolke de Haan (MedImmune, UK)	
10:45 – 11:30	CD3 engagers and CART cell therapies and the challenges / issues with safety assessment Jennifer Simms (Integrated Biologix, UK)	
11:30 – 12:00	<i>Refreshments – Gateshead Foyer</i>	
12:00 – 12:45	Utility of disease models in safety assessment of IO therapies – challenges and opportunities Martyn Foster (Pathology Consultant, UK)	
12:45 – 13.30	<i>Lunch and Trade Exhibition – Gateshead Foyer</i>	
Congress Programme		
13:30 – 13:45	Pipewellgate/Oakwellgate Welcome by the BTS President Dr Ernie Harpur (Newcastle University, UK)	
13:45 – 14:45	Pipewellgate/Oakwellgate Plenary Lecture: The work of HESI – what it does, how it works and what has been achieved over 25 years Ms Syril Pettit (ILSI Health and Environmental Sciences Institute, Washington DC, USA) Chair: <i>Dr Ernie Harpur</i> (Newcastle University, UK)	
	Pipewellgate/Oakwellgate - tbc Symposium 1: Liver disease and environmental causes of liver disease Chairs: <i>Sarah Judge</i> (MRC Toxicology Unit, UK) <i>Dr Dominic Williams</i> (Imperial College London, UK)	Hillgate - tbc Symposium 2: Respiratory toxicity and lung pathology (BTS/BSTP session) Chairs: <i>Dr Jo Kilgour</i> (Regulatory Science Associates, UK) <i>Dr Catherine Ross</i> (Covance UK)
14:45 – 15:15	Introduction to Liver disease Professor Fiona Oakley (University of Newcastle, UK)	Responses of the respiratory tract to toxic injury: adverse vs non adverse findings and impact on drug development Dr Colin Fish (GSK, UK)
15:15 – 15:45	Cell signalling in autoimmune liver disease Dr Patricia Lalor (University of Birmingham, UK)	Nanoparticle and fibre respiratory toxicology Dr Rodger Duffin (Edinburgh University, UK)
15:45 – 16:15	<i>Refreshments and Trade Exhibition – Gateshead Foyer</i>	
16:15 – 16:45	Immunological mechanisms underlying drug-induced liver diseases Professor Guru Aithal (University of Nottingham, UK)	Adverse health effects of air pollution Professor Frank Kelly (Kings College London, UK)
16:45 – 17:15	Environmental triggers of liver disease Professor Matt Wright (University of Newcastle, UK)	Distal lung imaging and Sensing – techniques and applications Dr Kev Dhaliwal (EPSRC Proteus Group, UK)
17:15 – 18:45	BTS AGM – Pipewellgate/Oakwellgate	
18:45 – 19:30	Drinks Reception supported by tbc - Gateshead Foyer	
19:30 onwards	Society Meetings: Early Career Networking Quiz – tbc BTS Speciality Section Networking – tbc BTS Executive Meeting – tbc	

TUESDAY – 17th April 2018		
08:00	Registration opens - <i>Gateshead Foyer</i>	
08:00 – 08:40	BTS Ambassadors Breakfast – tbc	
08:40 – 09:25	<p style="text-align: center;">Pipewellgate/Oakwellgate</p> <p style="text-align: center;">Early Career Investigator Prize Lecture: Role of Nrf2 in protection against drug-induced disease Dr Ian Copple (University of Liverpool) <i>Chair: Professor Tim Gant (Public Health England Centre for Radiation, Chemical and Environmental Hazards, UK)</i></p>	
	<p style="text-align: center;">Pipewellgate/Oakwellgate - tbc</p> <p style="text-align: center;">Symposium 3: Advanced <i>in vitro</i> models for inhalation toxicity testing (BTS/IVTS session) <i>Chairs: Dr Peter Newham (AstraZeneca, UK)</i> <i>Dr Martin Clift</i></p>	<p style="text-align: center;">Hillgate - tbc</p> <p style="text-align: center;">Symposium 4: Ageing, Frailty and Multi-morbidity: medical challenges, current interventions, future solutions Co- Sponsored by the Regulatory Toxicology Speciality Section and the Human Toxicology Speciality Section <i>Chairs: Dr Henry Stemplewski (Medicines and Healthcare products Regulatory Agency, UK)</i> <i>Dr John Thompson (Cardiff University, UK)</i></p>
09:30 – 10:00	<i>In vitro</i> systems to study the toxicology of particles and drugs at the epithelial airway barrier Professor Barbara Rothen-Rutishauser (Adolphe Merkle Institute, University of Fribourg, Switzerland)	Ageing and Frailty: time to intervene Professor Thomas von Zglinicki (University of Newcastle, UK)
10:00 – 10:30	Synthetic lung lining fluid model for testing inhaled biopharmaceuticals Dr Ben Forbes (University College London, UK)	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 – Gateshead Foyer</i>	
11:00 – 11:30	Lung on a chip Dr Nina Hobi (Alveolix, Switzerland)	Biomarkers of ageing: the results from the EU FP7 MARK-AGE project Dr Andreas Simm (University Hospital Halle (Saale), Germany)
11:30 – 12:00	Use of air-liquid interface models in the pharma space Mrs Kinga Balogh-Sivars (AstraZeneca, Sweden)	Ageing, Frailty, Multi-morbidity: current medical interventions, future challenges, possible solutions Professor Ilaria Bellantuono (Sheffield Medical School, UK)
12:00 – 12:30	How to Publish in High Impact Journals Rebecca Brodie (Deputy Editor, Toxicology Research)	
12:30 – 13:30	<i>Lunch and Trade Exhibition – Gateshead Foyer</i>	
13:30 – 14:30	<p style="text-align: center;">Pipewellgate/Oakwellgate</p> <p style="text-align: center;">Paton Prize Lecture: Understanding Drug Toxicity - From man to molecule and back again Professor Lewis Smith (University of Leicester, UK) <i>Chair: Dr Ernie Harpur (Newcastle University, UK)</i></p>	
14:30 – 15:00	<i>Refreshments and Trade Exhibition – Gateshead Foyer</i>	

TUESDAY – 17th April 2018 (Cont'd)	
15:00 – 17:00	<p style="text-align: center;">Pipewellgate/Oakwellgate - tbc</p> <p>Oral Communications</p>
	<p style="text-align: center;">Hillgate - tbc</p> <p>Study Director/Study Monitor Workshop Chairs: Sean O'Halloran (Covance, UK) Graham Morgan (ICON, UK)</p> <ul style="list-style-type: none"> • Use of Recovery Dose Animals in Early Toxicology Testing Dr Paul Baldrick (Covance Laboratories Ltd, UK) • Can Study Directors perform miracles!!! Lorraine Britton (Sequani Ltd, UK) • Fundamental considerations for performing a rodent inhalation toxicology study with a pharmaceutical powder formulation Paul A Smith (Charles River Laboratories, UK) • The current status of the GLP/ global GLP debate ongoing with the OECD and Chinese governments David Jones (MHRA, UK)
17:00 – 18:30	Poster Session – Gateshead Foyer
19:00 – 19:30	Pre-Dinner Drinks Reception supported by Apconix – Gateshead Foyer
19:30 – Late	Congress Dinner & Entertainment by Gotcha – Gateshead Suite

DRAFT

WEDNESDAY – 18th April 2018			
08:00	Registration opens – <i>Gateshead Foyer</i>		
08:40 – 09:40	Pipewellgate/Oakwellgate Early Career Oral Presentations <i>Chair: Dr Tina Mehta (Dow Agrosciences, UK)</i>		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; text-align: center;"> Pipewellgate/Oakwellgate - tbc Symposium 5: Redox and oxidative stress <i>Chairs: Professor Tim Gant (Public Health England Centre for Radiation, Chemical and Environmental Hazards, UK)</i> <i>Dr Carol Courage (MRC Toxicology Unit, UK)</i> </td> <td style="width: 50%; border: none; text-align: center;"> Hillgate - tbc Symposium 6: Stem cells and toxicology testing (BTS/RSC session) <i>Chairs: Professor Marion MacFarlane (Syngenta, UK)</i> <i>Dr Muireann Coen (Unilever, UK)</i> </td> </tr> </table>	Pipewellgate/Oakwellgate - tbc Symposium 5: Redox and oxidative stress <i>Chairs: Professor Tim Gant (Public Health England Centre for Radiation, Chemical and Environmental Hazards, UK)</i> <i>Dr Carol Courage (MRC Toxicology Unit, UK)</i>	Hillgate - tbc Symposium 6: Stem cells and toxicology testing (BTS/RSC session) <i>Chairs: Professor Marion MacFarlane (Syngenta, UK)</i> <i>Dr Muireann Coen (Unilever, UK)</i>
Pipewellgate/Oakwellgate - tbc Symposium 5: Redox and oxidative stress <i>Chairs: Professor Tim Gant (Public Health England Centre for Radiation, Chemical and Environmental Hazards, UK)</i> <i>Dr Carol Courage (MRC Toxicology Unit, UK)</i>	Hillgate - tbc Symposium 6: Stem cells and toxicology testing (BTS/RSC session) <i>Chairs: Professor Marion MacFarlane (Syngenta, UK)</i> <i>Dr Muireann Coen (Unilever, UK)</i>		
09:45 – 10:15	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Overview - Mitochondria and redox stress Professor Victor Darley Usmar (University of Alabama, USA) </td> <td style="width: 50%; border: none;"> Advances in stem cell technologies: impact on toxicology Dr Jason Gill (University of Durham, UK) </td> </tr> </table>	Overview - Mitochondria and redox stress Professor Victor Darley Usmar (University of Alabama, USA)	Advances in stem cell technologies: impact on toxicology Dr Jason Gill (University of Durham, UK)
Overview - Mitochondria and redox stress Professor Victor Darley Usmar (University of Alabama, USA)	Advances in stem cell technologies: impact on toxicology Dr Jason Gill (University of Durham, UK)		
10:15 – 10:45	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> NRF 2 and antioxidant response Professor John Hayes (University of Dundee, UK) </td> <td style="width: 50%; border: none;"> A human ES cell-based platform for determining selective neurotoxicity Dr Lia Panman (MRC Toxicology Unit, UK) </td> </tr> </table>	NRF 2 and antioxidant response Professor John Hayes (University of Dundee, UK)	A human ES cell-based platform for determining selective neurotoxicity Dr Lia Panman (MRC Toxicology Unit, UK)
NRF 2 and antioxidant response Professor John Hayes (University of Dundee, UK)	A human ES cell-based platform for determining selective neurotoxicity Dr Lia Panman (MRC Toxicology Unit, UK)		
10:45 – 11:15	<i>Refreshments and Trade Exhibition – Gateshead Foyer</i>		
11:15 – 11:45	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Biomarkers of oxidative stress Professor Pietro Ghezzi (Brighton and Sussex Medical School, UK) </td> <td style="width: 50%; border: none;"> High-throughput human Organon-a-Chip models for prediction of neurotoxicity Dr Karlijn Wilschut (Mimetas, University of Utrecht, The Netherlands) </td> </tr> </table>	Biomarkers of oxidative stress Professor Pietro Ghezzi (Brighton and Sussex Medical School, UK)	High-throughput human Organon-a-Chip models for prediction of neurotoxicity Dr Karlijn Wilschut (Mimetas, University of Utrecht, The Netherlands)
Biomarkers of oxidative stress Professor Pietro Ghezzi (Brighton and Sussex Medical School, UK)	High-throughput human Organon-a-Chip models for prediction of neurotoxicity Dr Karlijn Wilschut (Mimetas, University of Utrecht, The Netherlands)		
11:45 – 12:15	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Redox and cellular stress in relation to consumer risk assessments Dr Alistair Middleton (Unilever, UK) </td> <td style="width: 50%; border: none;"> Screening models to improve decision making in drug development: Validation or Qualification? Dr Mark Holbrook (VAST Pharma Solutions, UK) </td> </tr> </table>	Redox and cellular stress in relation to consumer risk assessments Dr Alistair Middleton (Unilever, UK)	Screening models to improve decision making in drug development: Validation or Qualification? Dr Mark Holbrook (VAST Pharma Solutions, UK)
Redox and cellular stress in relation to consumer risk assessments Dr Alistair Middleton (Unilever, UK)	Screening models to improve decision making in drug development: Validation or Qualification? Dr Mark Holbrook (VAST Pharma Solutions, UK)		
12:15 – 13:00	<i>Lunch and Trade Exhibition – Gateshead Foyer</i>		
13:00 – 14:00	Pipewellgate/Oakwellgate Public communications workshop: Consultation on a proposal for a new BTS public communication initiative; an interactive workshop. Phil Botham (Syngenta, UK) and team <i>Chair: tbc</i>		
14:00 – 15:00	Pipewellgate/Oakwellgate Hot Topic Lecture: Challenges in the Assessment of Nonclinical Pharmacology and Safety of mAb-based Immunology Products Dr Lolke de Haan (MedImmune, UK) <i>Chair: Dr Peter Newham (AstraZeneca, UK)</i>		
15:00	<i>Close of Congress</i>		