

MONDAY 20th April 2020		
09:00	Registration open for CEP and Congress Delegates	
11:30 – 12:30	BTS Scientific Subcommittee Meeting – <i>Penarth Suite</i>	
Continuing Education Programme		
09:30 – 11:50	Chemicals in the Environment <i>Roald Suite</i>	
11:50 – 13:00	<i>Lunch & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	
Congress Programme		
13:00 – 13:15	Congress Welcome BTS President: Dr Chris Powell (GlaxoSmithKline, Pharmaceuticals R&D) <i>Dylan Thomas Suite</i>	
13:15 – 14:15	Plenary Lecture: Transgenerational Toxicology: Ghosts of exposure (TBC) Prof Michael Skinner (Washington State University, USA) <i>Chair: Dr Chris Powell (GlaxoSmithKline, Pharmaceuticals R&D)</i> <i>Dylan Thomas Suite</i>	
	Symposium 1: <i>Evolution of Risk Assessment for Lung Toxicity</i> <i>Chairs: Dr Carol Courage & tbc</i> [Hosted by Risk Assessment Speciality Section]	Symposium 2: <i>Application of big data and systems toxicology to drug and chemical safety evaluation</i> <i>Chairs: Dr Carolin Schramm & Dr Suzanne Randle</i> [Hosted by Mechanistic and Discovery Toxicology Speciality Section]
14:15 – 14:45	New Approaches to exploring Lung Toxicity Dr Andrea Haase (German Federal Institute for Risk Assessment (BfR), Germany)	Utilising systems modelling and omics-driven data to derive adverse outcomes Prof Roland Grafström (Karolinska Institute, Sweden)
14:45 – 15:15	Lung-on-chip technologies in Toxicology Dr Geraldine Hamilton (Emulate Inc, USA)	A multi-omics approach to elucidate the molecular sequelae of Indisulam treatment in neuroblastoma. Prof Hector Keun (Imperial College, London)
15:15 – 15:45	<i>Refreshments, Posters & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	
15:45 – 16:15	Regulatory acceptance of in vitro risk assessment framework for pesticides Dr Leona Merolla (Syngenta, UK)	Current perspective on the use of omics in compound safety evaluation Dr Heidrun Ellinger-Ziegelbauer (Bayer, Germany)
16:15 – 16:30	<u>Oral Communication:</u> <i>tbc</i>	<u>Oral Communication:</u> <i>tbc</i>
16:30 – 16:45	<u>Oral Communication:</u> <i>tbc</i>	<u>Oral Communication:</u> <i>tbc</i>
16:45 – 17:00	Symposia Reflection and Discussion	Symposia Reflection and Discussion
17:00 – 17:30	<i>Refreshments, Posters & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	

17:30 – 18:00	Mid-Career Investigator Prize Lecture: <i>Chair: Dr J Gill (Newcastle University, UK)</i> <i>Dylan Thomas Suite</i>
18:00 – 19:00	BTS AGM <i>Dylan Thomas Suite</i>
19:00 onwards	Welcome Drinks Reception & Networking <i>Roald Dahl Suite and Pre-Function Area</i>
19:30 onwards	Early Career Networking Session
20:00 onwards	BTS Executive Committee Meeting – <i>Penarth Suite</i>

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TUESDAY 21st April 2020		
07:30 – 09:00	BTS Ambassadors Breakfast – Penarth Suite	
08:00	Registration opens	
	Symposium 3: <i>In silico Toxicology: What works and what doesn't?</i> <i>Chairs: Dr Andreas Bender & tbc</i> [Hosted by Computational and <i>in silico</i> Toxicology Speciality Section]	Symposium 4: Collaborating to increase confidence in the application of non-animal approaches <i>Chairs: Fiona Sewell & tbc</i> [Supported by NC3Rs]
09:00 – 09:30	Computational Methodologies: Current state of play Dr Andreas Bender (Cambridge University, UK)	A novel biomarker platform for a 3Rs approach to assessment of developmental and reproductive toxicity (DART) Prof Alison Woollard (University of Oxford) & Dr Kathryn Wolton (Syngenta)
09:30 – 10:00	Practical Application of <i>in silico</i> Approaches in Next Generation Risk Assessment for Consumer Products Dr Steve Gutsell (Unilever, UK)	Substantiating chemical categories with omics- derived mechanistic evidence using an invertebrate model Prof Mark Viant (University of Birmingham)
10:00 – 10:15	Oral Communication: <i>tbc</i>	Oral Communication: <i>tbc</i>
10:15 – 10:45	<i>Refreshments, Posters & Trade Exhibition</i> Ronald Dahl & Dylan Thomas Pre-Function Areas	
10:45 – 11:15	Use of <i>in silico</i> tools for the prediction of safety endpoints in pharmaceutical development Dr Angela White (GSK, UK)	<i>In vitro</i> cross species prediction of kidney excretion: application to agrochemical safety assessment Dr Colin Brown (Newcells Biotech, UK) & Dr Marco Corvaro (Corteva, UK)
11:15 – 11:30	Oral Communication: <i>tbc</i>	Oral Communication: <i>tbc</i>
11:30 – 11:45	Symposia Reflection and Discussion	Symposia Reflection and Discussion
11:45 – 13:00	Workshop: The toxic art of public engagement and outreach (tbc) Dr Steve Cross (Wellcome Trust Engagement Fellow) <i>Chairs: tbc</i> tbc	
13:00 – 13:30	<i>Lunch, Posters & Trade Exhibition</i> Ronald Dahl & Dylan Thomas Pre-Function Areas	Workshop: Policy engagement of carbon monoxide research Prof Shirley Price, Prof Baroness Finlay, Prof Tim Gant, Dr Chris Morris, Dr Robert Dickinson Ronald Suite
13:30 – 14:00		
	BTS Selected Short Oral Communications <i>Chairs: Dr Marion McFarlane & Dr Sarah Judge</i>	Study Director / Monitor Workshop 1 <i>Chairs: Sean O'Halloran (Covance) & Warren Harvey (ICON)</i>
14:00 – 14:15	Oral Communication: <i>tbc</i>	Claudia McGinnis (Concept Life Sciences) Rachel Tilley (Sequani)
14:15 – 14:30	Oral Communication: <i>tbc</i>	
14:30 – 14:45	Oral Communication: <i>tbc</i>	
14:45 – 15:00	Oral Communication: <i>tbc</i>	Workshop Discussion Forum All participants

	BTS Poster Communications	Study Director / Monitor Workshop 2 <i>Chairs: Sean O'Halloran (Covance) & Warren Harvey (ICON)</i>
15:00 – 16:00	Poster Viewing	Peter Jones (Syngenta) & Brett Coupland (AstraZeneca)
		Workshop Discussion Forum All participants
16:00 – 16:30	<i>Refreshments, Posters & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	
	Roundtable Discussion:	
16:30 – 17:30	Future Directions and Focus of BTS Speciality sub-sections – Why? What? When? How? <i>Dr Carolin Schramm (Mechanistic & Discovery Toxicology section)</i> <i>tbc (Regulatory section)</i> <i>Dr James Coulson (Human & Clinical toxicology section)</i> <i>Dr Carol Courage (Risk assessment section)</i> <i>Dr Andreas Bender (Computational & in silico toxicology section)</i>	
17:30 – 18:30	BTS: Paton Prize Lecture: tbc Professor Brian Lake <i>Chair: Prof Shirley Price (University of Surrey)</i> Dylan Thomas Suite	
19:00 – 20:00	Delegate Networking and Congress Dinner Drinks Reception Roald Dahl Suite and Pre-Function Area	
20:00 – 23.30	Congress Dinner & Entertainment by <i>The Brotherhood</i> Dylan Thomas Suite	

WEDNESDAY 22nd April 2020		
08:00	Registration opens	
	Symposium 5: Predictability of in vitro methodologies for toxicology Chairs: Dr Martin Clift & Dr Paul Fowler [Supported by in vitro Toxicology Society]	Symposium 6: Experimental data and uncertainty modelling Chairs: Dr Paul Russell & tbc [Supported by Royal Society of Chemistry Toxicology Group]
09:00 – 09:30	PATROLS: an integrated approach to bridge the in vitro-in vivo divide for nanomaterials hazard assessment Prof Shareen Doak (Swansea University, UK)	Characterising uncertainty within in vitro models for safety assessment in early drug discovery Dr Delyan Ivanov (AstraZeneca, UK)
09:30 – 10:00	Integration of high throughput high content in vitro mechanistic understanding and computational approaches for chemical safety prediction. Prof Bob van de Water (University of Leiden, Netherlands)	Integration of experimental data into skin allergy modelling Dr Gavin Maxwell (Unilever, UK)
10:00 – 10:15	<u>Oral Communication: tbc</u>	<u>Oral Communication: tbc</u>
10:15 – 10:45	<i>Refreshments, Posters & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	
10:45 – 11:15	The in3 project: An integrated interdisciplinary approach to animal-free nonmaterial and chemical safety assessment Prof Paul Jennings (Vrije University, Netherlands)	Determining points of departure from multivariate experimental data Dr Imran Shah (EPA, North Carolina, USA)
11:15 – 11:30	<u>Oral Communication: tbc</u>	<u>Oral Communication: tbc</u>
11:30 – 11:45	Symposia Reflection and Discussion	Symposia Reflection and Discussion
11:45 – 12:30	Hot Topic Lecture: Regulatory assessment and risk management of chemical mixtures: challenges and ways forward Dr Stephanie Bopp (European Commission) Dylan Thomas Suite	
12:30 – 13:15	<i>Lunch, & Trade Exhibition Roald Dahl & Dylan Thomas Pre-Function Areas</i>	
	Symposium 7: Chemical Weapons: Approach with caution Chairs: Dr James Coulson & tbc [Hosted by Human and Clinical Toxicology Speciality Section]	Symposium 8: The impact of air pollution upon human health Chairs: Dr Martin Clift (Swansea University) & Dr Rodger Duffin (University of Edinburgh)
13:15 – 13:45	Clinical aspects of chemical weapons Dr John Thompson (Cardiff University)	Ambient Ultrafine Particles: why bother? Prof Flemming R. Cassee (National Institute for Public Health and the Environment/Utrecht University, Netherlands) (Dutch Toxicology Society Invitation Lecture)
13:45 – 14:15	Chemical weapons: mechanisms in toxicology Prof Horst Thiermann (Institute of Pharmacology and Toxicology, Munich)	From Car to Coronary: the cardiovascular effects of diesel exhaust particles. Dr Mark Miller (University of Edinburgh, UK)

14:15 – 14:45	Nerve agents: recent developments Dr Steve Emmett (DSTL, UK) & Prof Peter Blain (Newcastle University)	Ultrafine particles - which metals matter Dr Rachel Smith (Public Health England, UK)
14:45 – 15:00	Symposia Reflection and Discussion	Symposia Reflection and Discussion
15:00 - 15:15	Close of Congress NEW BTS President: Prof Shirley Price (University of Surrey) Dylan Thomas Suite	
15:15 -	<i>Departure Refreshments Dylan Thomas Pre-Function Area</i>	

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