

21st ANNUAL CEFIC-LRI WORKSHOP

With an exclusive thematic session on “*Addressing microplastic risk assessment: where next?*”

20-21 November 2019, Brussels

DRAFT PROGRAMME

Wednesday, 20 November 2019 Brussels, Steigenberger Wiltcher's Hotel	
17:30 – 18:00	Registration
18:00 – 19:30	Poster session & networking cocktail Illustrating recently started from 2019
19:30 – 22:00	Workshop dinner & Award Ceremony
	<p>LRI Award dinner talk session Chair: Prof Felix Carvalho, EUROTOX President Elect</p> <p>Award 2018 project results: Quantitative evaluation of the Key Events Relationships resulting in impairment of learning and memory abilities to support regulatory decision-making Dr David Pamies, Department of Physiology, Lausanne University, CH</p> <p>LRI Innovative Science Award presentation to Awardee 2019</p> <p>Award 2019 presentation</p>

Thursday, 21 November 2019 Brussels, Steigenberger Wiltcher's Hotel	
8:00 – 8:45	Registration and welcome coffee
8:45 – 9:00	Word of welcome, programme overview Dr Heli Hollnagel, Dow, CH / Cefic LRI Issue Team Chair
9:00 - 10:00	Thematic session: Addressing microplastic risk assessment: where next? <u>Chair:</u> Dr Jens Otte, BASF, DE
9:00 - 9:20	Towards the development and application of an environmental risk assessment framework for microplastic particles Dr Todd Gouin, EnvironResearch, UK
9:20 - 9:40	Microplastics and health: particles past, present and future Dr Stephanie Wright, King's College London, UK
9:40 - 10:00	Speakers discussion: questions from the audience
10:00 – 13:00	Plenary session I: Human health risk assessment Finishing LRI projects with impact on exposure modelling and assessment, in-vitro concentrations, and carcinogen thresholds <u>Chair:</u> Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE
10:00 – 10:30	AIMT7 - RVis: Open Access PBPK Modelling Platform Dr George Loizou, Health and Safety Laboratory, Buxton, UK – <i>TBC</i>
10:30 – 11:00	ECO36 - Paving the way for QIVIVE – from nominal to free to cellular concentrations in in vitro assays Prof Beate Escher, Helmholtz Centre for Environmental Research, Leipzig, DE
11:00 – 11:30	Coffee break
11:30 – 12:00	B17 - SHINE: Target and non-target Screening of cHemicals in the Indoor environment for human Exposure assessment Dr Marja Lamoree, Vrije Universiteit Amsterdam, NL

12:00 – 12:30	B18.2 - Incorporation of repeated dose study information for non-DNA-reactive carcinogens into the CPDB database and analysis of threshold values Dr Monika Batke, Fraunhofer Institute for Toxicology and Experimental Medicine, Hannover, DE
12:30 – 13:00	B20 - Experimental assessment of inhalation and dermal exposure to chemicals during industrial and professional activities Dr Wouter Fransman, Netherlands Organisation for Applied Scientific Research (TNO), Zeist, NL
13:00 – 14:30	Lunch
14:30 – 16:30	Plenary session II: Environmental risk assessment Finishing LRI projects with impact on bioaccumulation, water solubility and adaptation of microbial communities <u>Chair:</u> Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE
14:30 – 15:00	ECO29 - CHEMADAPT -Application of chemostat systems to include adaptation of microbial communities in persistency testing Prof John Parsons, University of Amsterdam, NL
15:00 – 15:30	ECO34 - A tiered testing strategy for rapid estimation of bioaccumulation by a combined modelling – in vitro testing approach Prof Kristin Schirmer, Swiss Federal Institute of Aquatic Science and Technology, Dübendorf, CH - <i>TBC</i>
15:30 – 16:00	ECO37 - D-BASS – Developing a Bioaccumulation Assessment Strategy for Surfactants Prof Steven Droge, University of Amsterdam, NL - <i>TBC</i>
16:00 – 16:30	ECO38 - Cross-validation for improving determinations of water solubility for difficult to test substances Prof Philipp Mayer, Technical University of Denmark, Lyngby, DK
16:30 – 16:40	Cocktails in Stress Dr Rick Becker, American Chemistry Council (ACC), US
16:40 – 16:50	Conclusions of the workshop and future perspectives on the LRI programme Dr Pierre Barthelemy, Executive Director, Innovation, Cefic, BE - <i>TBC</i>
16:50 – 17:00	Close of Cefic-LRI Workshop 2019 Dr Bruno Hubesch, LRI Programme Consultant, Innovation, Cefic, BE
17:00	Farewell & networking coffee

POSTER SESSION

Posters		
Project	Title (tentative)	Presenter
AIMT5.2	A computational model for neural tube closure for in silico predictive toxicology of neural tube defects	Prof Dr Aldert Piersma - TBC RIVM Bilthoven, NL
B12.3	Extension and experimental validation of the multi-pathway exposure model DustEx	Prof John Little - TBD Virginia Tech (VT) Blacksburg, VA, USA
B15.3	ECEL v3.0: Technical improvements and population of the integrated risk management measure (RMM) library	Dr Fransman Wouter TNO Zeist, NL
B19.2	Refinement of a framework for extrapolating of worker exposure measurement data	Dr Fransman Wouter TNO Zeist, NL
B21	In Vitro Data to Parameterise PBPK Models For Inhalation Exposure	Dr Katharina Schwarz Fraunhofer ITEM Hannover, DE
C7	ELUMICA: Elucidating Microbial Metabolic Capacity	Dr Saskia Sperber BASF SE Ludwigshafen, DE
ECO40.2	Investigations on the bioconcentrations of xenobiotics in the freshwater amphipod Hyalella Azteca and inter-laboratory comparison of a new BCF test protocol	Prof Dr Christian Schlechtriem Fraunhofer IME Schmallenberg, DE - TBC
ECO47	SNAPFISH: Searching for refiNed in vitro Approaches to Predict bioconcentration in FISH	Dr Kilian Smith RWTH Aachen University Aachen, DE
ECO48	NANO2PLAST: Extending nanoparticle models to open source models of the fate and transport of microplastic in aquatic systems	Prof Matthew MacLeod Stockholm University Stockholm, SE
ECO49	METAS: Microplastic Effect Thresholds for Aquatic Species	Prof Bart Koelmans Wageningen University Wageningen, NL

ECO50	GETREAL: Incorporating spatial and seasonal variability in community sensitivity into chemical risk assessment	Prof Dr Ralf B. Schäfer University of Koblenz-Landau Landau, DE
EMSG59	Developing a quantitative AOP for liver-mediated thyroid modulation after prenatal exposure to a xenobiotic compound in the rat	Prof Dr Aldert Piersma - TBC RIVM Bilthoven, NL

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