



19th ANNUAL CEFIC-LRI WORKSHOP

“Making sense of Omics”

PROGRAMME DRAFT

15-16 November 2017, Brussels

Wednesday, 15 November 2017	
Brussels, Le Plaza Hotel	
17:30 – 18:00	Registration
18:00 – 19:30	Poster session on 2017 recently started and ongoing projects Networking cocktail
19:30 – 22:00	Workshop Dinner
20:30 - 21:00	LRI Award dinner talk session <u>Chair:</u> Mr Marco Mensink, Cefic Director General
20.30 – 20.45	Award 2016 project results: <i>“Genome wide profiling of molecular responses related to toxicokinetic and toxicodynamic processes for the determination of key events as basis for quantitative AOPs”</i> Dr Wibke Busch, Helmholtz Centre for Environmental Research – UFZ, DE
20.45 – 20.50	LRI Innovative Science Award presentation to Awardee 2017 <u>Chair:</u> R&I Programme Council member
20.50 – 21.00	Award 2017 project plans



Thursday, 16 November 2017	
Brussels, The Square	
8:00 – 8:45	Registration and welcome coffee
8:45 – 9:00	Welcome / short outline Dr Heli Hollnagel, Dow, Chair Cefic LRI Strategy Implementation Group
9:00– 13:00	Plenary session: LRI projects impact with focus on environmental and human health questions, including non-extractable residues, ecosystems services, chemical activity, biodegradation, bioaccumulation, carcinogenicity and inhalation nanotoxicology. <u>Chair:</u> Dr Bruno Hubesch, LRI Programme Consultant, Research & Innovation, Cefic, BE
9:05 – 9:30	ECO25 -Advances in the Development of Procedures to Establish the Toxicity of Non-Extractable Residues (NER) in soil Dr Joop Harmsen, Wageningen Environmental Research (Alterra), NL
9:35 – 10:00	ECO27 - Chemicals: Assessment of Risks to Ecosystem Services (CARES) Prof Lorraine Maltby, University of Sheffield, UK
10:05 – 10:30	ECO30 - Expanding the applicability domain of the chemical activity approach for hazard and risk assessment Dr Philipp Mayer, Danish Technical University, DK
10:35 – 11:00	ECO31 - Identifying strategies that will provide greater confidence in estimating the degradation rates of organic chemicals in water, soil, and sediment Dr Damian Helbling, Cornell University, Ithaca, NY, US
11:00 – 11:30	Coffee break
11:30 – 12:00	ECO33 - Use and Interpretation of Dietary Bioaccumulation Tests for Hydrophobic Chemicals Dr Frank Gobas, Simon Fraser University, CA

12:05 – 12:30	ECO11.3 - Influence of microbial biomass and diversity on biotransformation/ Ring test to revise the marine biodegradation screening test Dr Russell Davenport, Newcastle University, UK
12:35 – 13:00	B18 - Carcinogen Dose-Response Database for Threshold of Toxicological Concern (CDRD-TTC) Dr Sylvia Escher, Fraunhofer Institute for Toxicology and Experimental Medicine, Hannover, DE
13:00 – 14:30	Lunch
14:30 – 15:00	N5 - Histopathology of rats exposed to Barium sulfate nanoparticles by life-time inhalation exposure – Effects and Biokinetics Dr Dirk Schaudien, Fraunhofer Institute for Toxicology and Experimental Medicine, Hannover, DE
15:00 – 15:10	Fit-for-purpose exposure scenarii in Como Dr Rick Becker, ACC, US
15:15 – 16:45	Thematic Session: “Making sense of Omics for regulatory applications” <u>Chair and moderator:</u> Dr Hennie Kamp, BASF
15:20 – 15:40	US perspective on use of Omics (15 min) Dr Rick Becker, American Chemistry Council, US
15:45 – 16:10	Omics, ontologies and computational approaches in innovative chemical hazard and risk assessment (20min) Dr Aldert Piersma, RIVM, NL
16:10 – 16:40	Developing an interpretation framework: Data Management Ensuring Factual Correctness, Reproducibility & Analysis Dr Hennie Kamp, BASF (20min)
16:40 – 16:45	Conclusions of the workshop and future perspectives of the LRI programme Dr Pierre Barthelemy, Executive Director, Research & Innovation, Cefic, BE
16:45	Close of Cefic-LRI Workshop 2017



	Dr Bruno Hubesch, LRI Programme Consultant, Research & Innovation, Cefic, BE
17:00	Farewell / networking coffee