ECHA
EUROPEAN CHEMICALS AGENCY

Topical Scientific Workshop on New Approach Methodologies in Regulatory Science

Helsinki, 19 – 20 April, 2016

Programme

Day 1, 19 April 2016

08:15—08:45	*Registration of participants presenting posters* *Poster exhibition set-up*
08:45—09:15	*Registration of participants*
09:15—09:30	Welcome Mr Jukka Malm, Deputy Executive Director, ECHA, Finland
09:30—09:40	Introduction to the workshop Dr Tomasz Sobański, Scientific Committee Chair, ECHA, Finland
09:40—09:55	EU Research and innovation in support to chemical safety Dr Christian Desaintes, Scientific Officer, European Commission, DG Research & Innovation, Belgium

Theme 1: Definitive hazard assessment: improvement of read-across

	Chairs: Dr Matthias Herzler, Federal Institute for Risk Assessment, Germany Mr Mike Rasenberg, Head of Unit, Computational Assessment and Dissemination, ECHA, Finland
10:00—10:40	Setting the scene Critical aspects in the assessment of read-across adaptations: the role of supporting evidence Dr Norbert Fedtke, ECHA, Finland
10:40—11:20	Case study from SEURAT-1 Read-Across for 90-Day Rat Oral Repeated-Dose Toxicity for Selected Perfluoroalkyl Acids: A Case Study Professor Terry Schultz, University of Tennessee, USA
11:20—11:50	*Coffee break in the poster exhibition area*
11:50—12:30	Case study from SEURAT-1 Read-Across for 90-Day Rat Oral Repeated-Dose Toxicity for Selected β -Olefinic Alcohols: A Case Study Professor Mark Cronin, Liverpool John Moores University, United Kingdom
12:30—13:10	Case study from BASF Metabolomics as read-across tool: a case study with phenoxy herbicides Dr Bennard van Ravenzwaay, BASF, Germany

Day 1, 19 April 2016 (cont.)

13:10—14:00	*Lunch, followed by coffee in the poster exhibition area*
14:00—14:30	*Discussion with poster presenters, poster exhibition area* *SEURAT-1 film, Marie Skłodowska Curie room (14:00–14:30)* Chairs: Dr Matthias Herzler, Federal Institute for Risk Assessment, Germany Mr Mike Rasenberg, Head of Unit, Computational Assessment and Dissemination, ECHA, Finland
14:30—15:20	Panel discussion *Role of NAM in definitive hazard assessment (read-across)* Moderator: Mr Mike Rasenberg, Head of Unit, Computational Assessment and Dissemination, ECHA, Finland Panelists: Dr Elisabet Berggren, European Commission, Joint Research Centre, Italy Professor Ian Cotgreave, Swetox, Sweden Dr Karel de Raat, advisor to ECHA, The Netherlands Dr Norbert Fedtke, ECHA, Finland Dr Matthias Herzler, Federal Institute for Risk Assessment, Germany Dr Derek Knight, ECHA, Finland Dr Catherine Mahony, Procter & Gamble, United Kingdom Dr Magdalini Sachana, OECD, France
15:20—15:30	Introduction to the break-out sessions Dr Kaihsu Tai, Local Organising Committee Chair, ECHA, Finland

Day 1, 19 April 2016 (cont.)

15:30—17:30 Break-out sessions: case studies
(*Coffee break at any time between 16:00-17:30)*

1. Case study from SEURAT-1

Perfluorinated alkyl acids: direct acting toxicant category supported by ToxCast evidence

Chair: Dr Watze de Wolf, Chairman of the Member State Committee, ECHA, Finland
Presenter: Ms Sharon Stuard, Procter & Gamble, United States of America
Rapporteur: Dr Norbert Fedtke, ECHA, Finland

2. Case study from SEURAT-1

β-Unsaturated alcohols: indirect acting toxicant category supported by SEURAT-1 data

Chair: Dr Derek Knight, Senior Scientific Advisor, ECHA, Finland
Presenter: Dr Andrea Richarz, European Commission, Joint Research Centre, Italy
Rapporteur: Dr Elisabet Berggren, European Commission, Joint Research Centre, Italy

3. Case study from BASF

Read-across with metabolomics for phenoxy herbicides

Chair: Dr Tomasz Sobański, ECHA, Finland
Presenter: Dr Bennard van Ravenzwaay, BASF, Germany
Rapporteur: Dr Karel de Raat, advisor to ECHA, The Netherlands

17:30—17:55 *SEURAT-1 film, Marie Skłodowska Curie room*

18:00—19:30 *Cocktail reception, canteen*

Introductory words
Dr Derek Knight, Senior Scientific Advisor, ECHA and
Dr Renate Weissenhorn, Advisor, European Commission, European Partnership for Alternative Approaches to animal testing

Day 2, 20 April 2016

08:15—08:50	*Registration of participants* *Discussion with poster presenters, poster exhibition area*
08:50—09:00	Introduction to the second day Dr Tomasz Sobański, Scientific Committee Chair, ECHA, Finland
09:00—10:00	Reports from break-out sessions Rapporteurs of the break-out sesssions
10:00—10:15	Discussion on break-out sessions' reports/outcome Moderator: Mr Mike Rasenberg, Head of Unit, Computational Assessment and Dissemination, ECHA, Finland
10:15—10:45	*Coffee break in the poster exhibition area*

Theme 2: Screening and priority setting

	Chairs: Dr Kerry Nugent, National Industrial Chemicals Notification and Assessment Scheme, Australia Dr Jack de Bruijn, Director of Risk Management, ECHA, Finland
10:45—11:15	The NICNAS IMAP Program Dr Kerry Nugent, National Industrial Chemicals Notification and Assessment Scheme, Australia
11:15—11:45	Application of computational and high-throughput *in vitro* screening for prioritization Dr Richard Judson, Endocrine Disruptor Screening Program, United States Environmental Protection Agency, USA
11:45—12:15	Integrating New Approach Methodologies under Canada's Chemicals Management Plan Dr Christine Norman, Health Canada, Canada
12:15—12:40	A Common Screening Approach for REACH and CLP Processes Dr Panagiotis Karamertzanis, ECHA, Finland
12:40—13:10	Panel discussion *Role of NAM in screening and priority setting* Moderator: Dr Jack de Bruijn, Director of Risk Management, ECHA, Finland Panelists: Dr Tara Barton-Maclaren, Health Canada, Canada Dr Richard Judson, Endocrine Disruptor Screening Program, United States Environmental Protection Agency, USA Dr Panagiotis Karamertzanis, ECHA, Finland Dr Kerry Nugent, National Industrial Chemicals Notification and Assessment Scheme, Australia

Day 2, 20 April 2016 (cont.)

13:10—14:10	*Lunch, followed by coffee in the poster exhibition area*

Theme 3: Prospects for regulatory science

	Chairs: Dr Rusty Thomas, United States Environmental Protection Agency, USA Dr Wim De Coen, Head of Unit, Executive Office, ECHA, Finland
14:10—14:35	Moving Towards Version 2.0 of Toxicity Testing in the 21st Century and Application to Regulatory Decision-Making Dr Rusty Thomas, United States Environmental Protection Agency, USA
14:35—15:00	How to overcome limitations of new approach methodologies in the context of regulatory science Dr Romualdo Benigni, Istituto Superiore di Sanità, Italy
15:00—15:25	Analysing Data: Towards a framework for transcriptomics and other Big Data analysis for regulatory application Dr Timothy W Gant, Public Health England, United Kingdom
15:25—15:50	Using new approach methodologies in regulatory science: tools and methods for integration of evidence Dr George Fotakis, ECHA, Finland
15:50—16:50	Panel discussion *Role of NAM in prospects for regulatory science* Moderator: Dr Wim De Coen, Head of Unit, Executive Office, ECHA, Finland Panelists: Dr Jean-Lou Dorne, European Food Safety Authority, Italy Dr Annette Mehling, European Partnership for Alternative Approaches to Animal Testing, Germany Professor Michael Schwarz, Tübingen University, Germany Dr Rusty Thomas, United States Environmental Protection Agency, USA Dr Bennard van Ravenzwaay, BASF, Germany Professor Maurice Whelan, European Commission, Joint Research Centre, Italy
16:50—17:00	Summary and conclusions Dr Tomasz Sobański, Scientific Committee Chair, ECHA
17:00—17:30	*Poster exhibition dismantling*