

EFSA Scientific Colloquium N°21
*Harmonisation of human and ecological risk assessment
of combined exposure to multiple chemicals*
11-12 September 2014 | Edinburgh, UK

Programme

Overall chair

Diane Benford, Food Standards Agency, UK

Overall rapporteur

David Spurgeon, Centre for Ecology and Hydrology, UK

Thursday, 11 September 2014

08:30-09:00 **Registration participants**

08:15-08:45 *Briefing meeting with all chairs and rapporteurs*

09:00-12:40 **SESSION 1: INTRODUCTORY PLENARY SESSION**

09:00-09:10 **Welcome and introduction to EFSA**

Juliane Kleiner, European Food Safety Authority, Italy

09:10-09:25 **Objectives of the Colloquium**

Diane Benford, Food Standards Agency, UK

09:25-09:55 **The WHO Framework for Combined Exposures; Implications for Combined Exposures Assessment**

Bette Meek, University of Ottawa, Canada

09:55-10:25 **Harmonising approaches for mixture assessment in toxicology and ecotoxicology and between different EU regulations: possibilities and pitfalls**

Thomas Backhaus, University of Gothenburg, Sweden

10:25-10:55 **COFFEE / TEA BREAK**

10:55-11:25 **Ecological Risk Assessment of Multiple chemicals: where are we?**

Marco Vighi, University of Milano Bicocca, Italy

11:25-11:55 **Uncertainty in Mixtures and Cumulative Risk Assessment**

John Lipscomb, U.S. Environmental Protection Agency, USA

11:55-12:25 **Harmonisation of human and ecological risk assessment of combined exposure to multiple chemicals**

Andreas Kortenkamp, Brunel University, UK

12:25-12:35 **General discussion**

12:35-12:40 **Introduction to Discussion Groups**

Andrea Germini, European Food Safety Authority, Italy

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12:40-14:00 LUNCH

14:00-18:00 SESSION 2: DISCUSSION GROUPS (DG)

DG1	Tiered approaches in hazard assessment of combined exposure to multiple chemicals in human and ecological risk assessment: from default assumptions to mechanistic models	Chair:	<i>Susanne Hougaard Bennekou</i> , <i>The Danish EPA, Denmark</i>
		Rapporteur:	<i>David Bell</i> , <i>European Chemicals Agency, Finland</i>

DG2	Harmonisation of combined exposure assessment to multiple chemicals in humans and the environment: from environmental fate to internal dose	Chair:	<i>Ryszard Laskowski</i> , <i>Jagiellonian University, Poland</i>
		Rapporteur:	<i>Richard Brown</i> , <i>WHO, Switzerland</i>

DG3	Applying biologically-based models and in silico tools and OMICs to human and ecological risk assessment of combined exposure to multiple chemicals	Chair:	<i>Qasim Chaudhry</i> , <i>FERA, UK</i>
		Rapporteur:	<i>Harvey Clewell</i> , <i>The Hamner Institute, USA</i>

DG 4	Harmonisation of uncertainty factors and risk characterisation for human and ecological risk assessment using mechanistic descriptors	Chair:	<i>Jan Alexander</i> , <i>Norwegian Institute of Public Health, Oslo, Norway</i>
		Rapporteur:	<i>Karen Ildico Hirsch-Ernst</i> , <i>BfR, Germany</i>

16:00 COFFEE/TEA BREAK

18:00 End of Discussion Groups

20:00 DINNER

Friday, 12 September 2014

09:00-10:00 SESSION 3: CONTINUATION OF DISCUSSION GROUPS
Including discussion on the outcomes of the discussion groups and the production of reports to the plenary session

10:00-10:30 COFFEE/TEA BREAK

10:30-13:30 SESSION 4: FINAL PLENARY SESSION

10:30-10:50	Report back from Discussion Group 1	<i>David Bell</i> , <i>European Chemicals Agency, Finland</i>
10:50-11:10	Discussion	

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11:10-11:30	Report back from Discussion Group 2	Richard Brown , WHO, Switzerland
11:30-11:50	<i>Discussion</i>	
11:50- 12:10	Report back from Discussion Group 3	Qasim Chaudhry , FERA, UK
12:10-12:30	<i>Discussion</i>	
12:30-12:50	Report back from Discussion Group 4	Karen Ildico Hirsch-Ernst , BfR, Germany
12:50-13:10	<i>Discussion</i>	
13:10-13:30	Take-home messages	David Spurgeon , Centre for Ecology and Hydrology, UK

13:30 **COLLOQUIUM ADJOURNS**

Organising Committee

Diane Benford, Food Standards Agency, UK
Marco Binaglia, EFSA, Italy
Jean Lou Dorne, EFSA, Italy
Georges Kass, EFSA, Italy
Andrea Germini, EFSA, Italy
Tobin Robinson, EFSA, Italy
Josef Schlatter, Switzerland
David Spurgeon, Centre for Ecology and Hydrology, UK
Jose Tarazona, EFSA, Italy
Andrea Terron, EFSA, Italy