

EFSA Scientific Colloquium N° 24

'OMICS in risk assessment: state-of-the-art and next steps'

24-25 April 2018, Berlin, Germany

PROGRAMME

Overall chair

Howard Davies, *Honorary research fellow, James Hutton Institute, Scotland*

Overall rapporteur

Matthew Ramon, *European Food Safety Authority, Italy*

Tuesday, 24 April 2018

08:30-09:00 Registration participants

09:00-13:00 INTRODUCTORY PLENARY SESSION

- 09:00 **Welcome and introduction to the Colloquium**
Howard Davies, *Honorary research fellow, James Hutton Institute, Scotland*
- 09:15 **Objectives of the Colloquium**
Matthew Ramon, *European Food Safety Authority, Italy*
- 09:30 **Taxonomic and toxicogenic potential derived from whole genome sequencing (WGS) information**
Maria José Figueras, *University Rovira i Virgili, Pere Virgili Health Research Institute, Spain*
- 10:10 **Mechanistic modeling of metabolism to understand and predict plant performance: a case study in growing tomato fruits**
Yves Gibon, *INRA Bordeaux, France*
- 10:50 **COFFEE BREAK**
- 11:20 **The value of OMICS to chemical risk assessment**
Tim Gant, *Public Health England, UK*
- 12:00 **Views on the use of genomic and proteomic information in environmental risk assessment**
Christer Hogstrand, *King's College London, UK*

12:40 **Introduction to Discussion Groups**

13:00-14:30 LUNCH

14:30-18:30 DISCUSSION GROUPS (DG)

DG 1 Genomics for the identification and characterization of microbial strains used in food and feed products

Chair: **Lutz Grohmann**, BVL, Germany

Co-chair: **Jaime Aguilera**, European Food Safety Authority, Italy

Rapporteurs: **Lieve Herman**, ILVO, Belgium
Pier Sandro Cocconcelli, Università Cattolica del Sacro Cuore, Italy

DG 2 The use of metabolomics in the comparative risk assessment of GM plants

Chair: **Elisabeth Waigmann**, European Food Safety Authority, Italy

Co-chair: **Fabien Nogué**, INRA, France

Rapporteurs: **Gijs Kleter**, RIKILT, The Netherlands
Federica Barrucci, European Food Safety Authority, Italy

DG 3 The use of OMICS in human risk assessment of chemicals

Chair: **Matt Wright**, Newcastle University, UK

Co-chair: **Georges Kass**, European Food Safety Authority, Italy

Rapporteur: **Nick Plant**, University of Leeds, UK

DG 4 The use of OMICS in environmental risk assessment

Chair: **Christer Hogstrand**, King's College London, UK

Co-chair: **Reinhilde Schoonjans**, European Food Safety Authority, Italy

Rapporteurs: **Nancy Denslow**, University of Florida, USA
Peter Kille, Cardiff University, UK

16:30 **COFFEE BREAK**

19:30 **Networking cocktail**

Wednesday, 25 April 2018

09:00-10:00 CONTINUATION OF DISCUSSION GROUPS

Focus on summarising the main outcome, possible challenges, need for guidance and production of reports to the plenary session

10:00 **COFFEE BREAK**

10:30-13:20 FINAL PLENARY SESSION

10:30 **Report back from DG 1 and discussion**

Lieve Herman, ILVO, Belgium

Pier Sandro Cocconcelli, Università Cattolica del Sacro Cuore, Italy

11:05 **Report back from DG 2 and discussion**

Elisabeth Waigmann, European Food Safety Authority, Italy

Fabien Nogué, *INRA Versailles, France*

11:40 **Report back from DG 3 and discussion**
Nick Plant, *University of Leeds, UK*
Georges Kass, *European Food Safety Authority, Italy*

12:15 **Report back from DG 4 and discussion**
Nancy Denslow, *University of Florida, USA*
Peter Kille, *Cardiff University, UK*

12:50 **Take-home messages**
Howard Davies, *Honorary research fellow, James Hutton Institute, Scotland*

13:20 **COLLOQUIUM ADJOURNS**

Organising Committee

Jaime Aguilera, *European Food Safety Authority, Italy*
Margarita Aguilera-Gomez, *European Food Safety Authority, Italy*
Howard Davies, *Honorary research fellow, James Hutton Institute, Scotland*
Georges Kass, *European Food Safety Authority, Italy*
Matthew Ramon, *European Food Safety Authority, Italy*
Reinhilde Schoonjans, *European Food Safety Authority, Italy*
Elisabeth Waigmann, *European Food Safety Authority, Italy*