



19<sup>th</sup> International Akademie Fresenius Conference

# Food Safety and Dietary Risk Assessment

+++ ONLINE CONFERENCE +++

29 and 30 April 2021

## Highlights

### Cumulative Dietary Risk Assessment

- EU Commission on future challenges
- Update from EFSA on the development of cross-cutting methodologies and examples of cumulative risk assessments
- The prioritisation exercise
- Cumulative dietary exposure: Results from the Netherlands

### Dietary Risk Assessment and Evaluation of Metabolites

- Revision of the OECD Guidance Document on the residue definition
- Dietary exposure assessment in Australia and New Zealand

### Guideline Developments

- EFSA on the implementation of the OECD Guidance Document on Residues in Rotational Crops
- Revision of the EU Extrapolation Guidance Document
- Estimating the transfer of professionally used biocides into foods

### Regulatory Framework

- Developments regarding pesticide residues in the EU: Update from the EU Commission
- Brexit, Refit, General Food Law and Farm to Fork – impact on consumer risk assessment and MRL setting



## The Experts

**Almut Bitterhof** European Commission | **Alan R. Boobis** Imperial College London | **Polly Boon** Dutch National Institute for Public Health and the Environment (RIVM) | **Monika Bross** BASF | **Dee Clarke** Syngenta | **Cheryl Cleveland** BASF | **Michael Doherty** U.S. Environmental Protection Agency (EPA) | **Jean Lou Dorne** European Food Safety Authority (EFSA) | **Kathrin Gottlob** German Federal Institute for Risk Assessment (BfR) | **Tracy Hambridge** Food Standards Australia New Zealand (FSANZ) | **Caroline Harris** Exponent | **Karsten Hohgardt** German Federal Office of Consumer Protection and Food Safety (BVL) | **Stephanie Melching-Kollmuss** BASF | **Luc Mohimont** European Food Safety Authority (EFSA) | **Christian Prohaska** Austrian Agency for Health and Food Safety (AGES) | **Hermine Reich** European Food Safety Authority (EFSA) | **Claire Stephenson** CropLife Europe (CLE) | **Agnieszka Szturc-Koetsier** Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb) | **Jacob van Klaveren** Dutch National Institute for Public Health and the Environment (RIVM)

## Morning Session 10:30 - 13:00 CEST

### Welcome address by Akademie Fresenius and introduction by the Chairs

**Monika Bross**, BASF, Germany

**Caroline Harris**, Exponent, United Kingdom

## Dietary Risk Assessment and Evaluation of Metabolites

### Dietary exposure assessments in Australia and New Zealand

- Food regulatory system
- Data and methodologies used
- Examples

**Tracy Hambridge**, Food Standards Australia New Zealand (FSANZ), Australia

## Guideline Developments

### Revision of the EU Extrapolation Guidance Document

- Main changes in the text
- Changes in tables
- Entry into force

**Karsten Hohgardt**, Federal Office of Consumer Protection and Food Safety (BVL), Germany

### Implementation of the OECD Guidance Document on Residues in Rotational Crops

- In which cases do we need to consider residues in rotational crops?
- How do we take residues in rotational/succeeding crops into account in MRL setting and risk assessment?
- Practical implementation of the OECD Guidance Document in the EU

**Hermine Reich**, European Food Safety Authority (EFSA), Italy

### Estimating the transfer of professionally used biocides into foods

- Relevant scenarios
- Assessment approaches
- Examples

**Kathrin Gottlob**, German Federal Institute for Risk Assessment (BfR), Germany

### Q&A session

## Afternoon Session 14:00 - 16:30 CEST

### Follow-up on the assessment of stereoisomers – authority view

- Implementation of the EFSA Guidance on stereoisomers
- Exchange of experience on the assessment of stereoisomers

**Agnieszka Szturc-Koetsier**, Board for the Authorisation of Plant Protection Products and Biocides (Ctgb), The Netherlands

### Assessing stereoisomers – industry perspective

**Claire Stephenson**, CropLife Europe (CLE), Belgium

## Dietary Risk Assessment and Evaluation of Metabolites

### Update on the revision of the OECD Guidance Document on the residue definition

**Dee Clarke**, Syngenta, United Kingdom

**Michael Doherty**, U.S. Environmental Protection Agency (EPA), United States of America

### Insights into dietary risk assessment using US models

- Canvassing exposure inputs for tiered risk assessments
- What is so special about USDA PDP monitoring programme?
- Dietary models: DEEM-FCID vs CARES NG

**Cheryl Cleveland**, BASF, United States of America

### Q&A session

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## Morning Session 10:30 - 13:00 CEST

### Experience of JMPR in assessing dietary risk of metabolites and degradation products of pesticides

- Recent developments at JMPR
- Harmonisation of approaches
- Update on the WHO EHC 240 guidance on assessing genotoxicity
- Some recent examples of use of approach by JMPR

**Alan R. Boobis**, Imperial College London, United Kingdom

## Regulatory Framework

### Developments on pesticide residues in the EU

**Almut Bitterhof**, European Commission, Belgium

### What comes next? A look into the crystal ball...

- Brexit, Refit, GFL and Farm to Fork – impact on consumer risk assessment and MRL setting

**Christian Prohaska**, Austrian Agency for Health and Food Safety (AGES), Austria

## Cumulative Dietary Risk Assessment

### Cumulative risk assessment for pesticide residues: Future challenges from a risk management perspective

**Almut Bitterhof**, European Commission, Belgium

### Q&A session

## Afternoon Session 14:00 - 16:30 CEST

### Risk assessment of combined exposure to multiple chemicals at EFSA: A horizontal perspective and experience with pesticide residues

- EFSA activities on the development of cross-cutting methodologies
- Examples of cumulative risk assessments from dietary exposure to pesticides
- Future wider perspectives in the area

**Jean Lou Dorne** and **Luc Mohimont**, European Food Safety Authority (EFSA), Italy

### The prioritisation exercise/MCRA software

- How cumulative assessment groups can be derived more efficiently
- MCRA software version 9.1
- How MCRA can be used in prospective risk assessment of single pesticides

**Jacob van Klaveren**, National Institute for Public Health and the Environment (RIVM), The Netherlands

### Prioritisation criteria for cumulative risk assessment – CLE perspective

- Prioritisation criteria for grouping of compounds with effects on liver and reproduction toxicity
- Applying stringent grouping criteria vs doing complex uncertainty analysis
- Accuracy and refinement of exposure assessments
- Views on prospective cumulative risk assessments

**Stephanie Melching-Kollmuss**, BASF, Germany

### Cumulative dietary exposure to pesticides in the Netherlands

- Acute cumulative dietary exposure to two groups of pesticides with an effect on the nervous system
- Combining monitoring results of 2016-2018 and food consumption data of 2012-2016
- Exposure estimates of children and adults
- Probabilistic approach as established by EFSA

**Polly Boon**, National Institute for Public Health and the Environment (RIVM), The Netherlands

### Q&A session

### End of the online conference

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## Participation Fee: € 895.00 plus VAT

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## Do you have any questions?



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### Professionals working in the fields of:

- ✓ Quality assurance & control
- ✓ Product safety
- ✓ Legal & regulatory affairs
- ✓ Registration & authorisation
- ✓ Toxicology
- ✓ Risk assessment
- ✓ Research & development

### Sectors taking part:

- ✓ Food industry
- ✓ Food retailing
- ✓ Agrochemical industry
- ✓ Authorities (e.g. agricultural and food inspection offices, registration and control authorities)
- ✓ Laboratories
- ✓ Research institutes
- ✓ Professional associations

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