Wednesday, 4 September 2013

13.00–13.15
Welcome and Opening Remarks
Andreas Hensel (Federal Institute for Risk Assessment, BfR)
Ted Elkin (Food and Drug Administration, FDA)

13.15–13.45
Governmental Perspective concerning the Development of Tools for Food Defense in Germany
Katrin Sassen (Federal Ministry of Food, Agriculture and Consumer Protection, BMELV)

13.45–14.30
Food Safety and Food Defense from the US perspective
Ted Elkin, Yuhuan Chen (FDA)

14.30–15.15
Food Safety, Security and Food Defense from the Global Perspective
Peter Ben Embarek (World Health Organization, WHO)

15.15–15.45 *Coffee Break*

15.45–16.15
Research on Food Defense in D and the EU
Bernd Appel (BfR)

16.15–16.45
Threat and Risk Assessment Issues
Juliane Bräunig (BfR)

16.45–17.15
Quantitative Microbial Risk Assessments – The need for tools and the challenge of harmonisation
Maarten Nauta (National Food Institute of the Danish Technical University, DTU)

17.15–17.45
Industrial Perspectives and Needs: In Defense of Common Sense

Arnim von Friedeburg (German Foods North America)

17.45–18.15
Discussion

Get together

Informal Dinner will be held in the BfR lobby.

Workshop 1:
"Tools for Food Defense" – powered by FDA

Day 1: Thursday, 5 September 2013

09.00–12.00 (incl. *Coffee Break*)
US Regulatory Update *(FDA)*
Food Defense in Germany *(BfR)*
Food Defense Background *(FDA)*
Food Defense Government Perspectives *(FDA)*

12.00–13.00 *Lunch*

13.00–17.00 (incl. *Coffee Break*)
Food Defense – U.S. Industry Perspective *(FDA)*
Food Defense Plan Builder Tool Overview *(FDA)*
Broad Mitigation Strategies incl. Exercise *(FDA)*

Day 2: Friday, 6 September 2013

09.00–12.00 (incl. *Coffee Break*)
Vulnerability Assessments incl. Exercise *(FDA)*
Focused Mitigation Strategies incl. Exercise *(FDA)*

12.00–13.00 *Lunch*

13.00–17.00 (incl. *Coffee Break*)
Focused Mitigation Strategies continuation *(FDA)*
Action Plan, Emergency Contacts, & Reports Overview incl. Exercise *(FDA)*
Scenario discussion *(FDA)*
Recap, Conclusion and Outlook *(FDA)*

Workshop 2:
"Tools for Food Safety" – powered by BfR
(Workshop will be held without translation)

Day 1: Thursday, 5 September 2013

09.00–17.00 (incl. *Coffee / Lunch Breaks*)
Software tool presentations:
sQMRA *(RIVM)*
FDA-iRISK *(FDA and RSI)*
MicroHibro *(University of Cordoba)*
rrisk *(BfR)*
PMM-Lab *(BfR)*
STEM *(IBM Research)*
FoodChain-Lab *(BfR)*
ICRA *(DTU/National Institute of Public Health and the Environment, RIVM)*

Day 2: Friday, 6 September 2013

09.00–15.00 (incl. *Coffee / Lunch Breaks*)
Synergy generation and harmonization: Field reports from other domains
Open Innovation - the Eclipse experience *(Eclipse Foundation, Inc.)*

Integration of Scientific Software Tools – KNIME experiences from the field of virtual drug design *(KNIME.com AG)*

Experiences from Standardization in Computational & Systems Biology: SBML *(University of Heidelberg)*

Development of Community Standards – How can virtual research environments (VRE) provide support? *(Humboldt University of Berlin)*

Working groups

Plenary discussion
Moving towards a community library of food safety models - Synergy generation and joint initiatives

BfR / FDA-Workshop Series on Tools for Food Defense and Safety

This internationally orientated meeting on tools for food defense and food safety is being organized by the Federal Institute for Risk Assessment (BfR) in cooperation with the Food and Drug Administration (FDA). The event focuses on the tools which could be used to maintain food safety by using them for risk assessment, food safety modelling and food defense.

On the first day, internationally renowned experts will deliver overview lectures on the current state of knowledge on "food safety", "food defense" and "risk assessment" and the perspectives and needs of governmental and industrial stakeholders. This introductory part will be followed by two separate workshops in which international specialists will present the latest advances and developments from government institutions and research projects.

Scope **"Workshop on Tools for Food Safety"**: Day one will give an overview of state of the art software solutions and tools which support food safety modelling and risk assessment tasks. Lectures and round table discussions on day 2 will focus on the experiences, ideas and new technologies which are helping to establish open community QMRA model and module repositories.

Scope "**Workshop on Tools for Food Defense**": The food defense workshop will provide food producers, traders and government bodies with an understanding of food defense and the available tools and resources and will walk the participants through a series of exercises on how to create a food defense plan for their facilities. The FDA's Food Defense Plan Builder (FDPB) Tool will be used to assist participants in developing a food defense plan. Participants will be guided through a series of exercises using the tool. Presentations, open discussions and Q&A sessions will be running throughout the day.

Joint dinner:

A joint get together with an informal dinner has been organized for Wednesday, 4 September.

Venue:

Federal Institute for Risk Assessment (BfR)
Diedersdorfer Weg 1
12277 Berlin

www.bfr.bund.de/en/location_marienfelde-5533.html

Registration:

Please register by 03 September 2013 using the Internet form available under the menu item "Workshop Series" at http://www.bfr.bund.de
The Conference is open to registered participants only. The number of participants is limited. The workshop is free of charge.

Language:

The workshop will be held in English with simultaneous translation of some parts into German.

Host:

Federal Institute for Risk Assessment
Max-Dohrn-Strasse 8–10, 10589 Berlin
Tel. 0049 30-18412-0, Fax 30-18412-4741
www.bfr.bund.de

BUNDESINSTITUT FÜR RISIKOBEWERTUNG

BfR/FDA-Workshop Series on Tools for Food Defense and Safety

4 to 6 September 2013

FDA

BfR
Bundesinstitut für Risikobewertung