

"Actual Problems of Risk Assessment in Food Safety"



Actual Problems of Risk Assessment in Food Safety

Welcome participants and presenting the invited speakers



Andreas Hensel
Anja Buschult
Ulrike Pabel
Ralph Pirrow
Anna Kolbaum
Alexandra Fetsch
Mark Lohmann



Paulo Ferreira
(Secretary of State)



Helena Florêncio
(Scientific Council)



Pedro Portugal Gaspar
Filipa Melo de
Vasconcelos
M^a Manuel Mendes
Mafalda Costa



Hélder Muteia
(represents FAO in Portugal and CPLP)



Lisbon 21-22.03.2016



Actual Problems of Risk Assessment in Food Safety

Risk Assessment in Portugal

Scientific Council Role



Maria Helena Florêncio



Filipa Melo de Vasconcelos

PNCA – Portuguese National Sampling Control Plan



Maria Manuel Mendes
Ana Mafalda Costa



Lisbon 21-22.03.2016

“Food Safety and Risk Assessment in the European and Global Context”

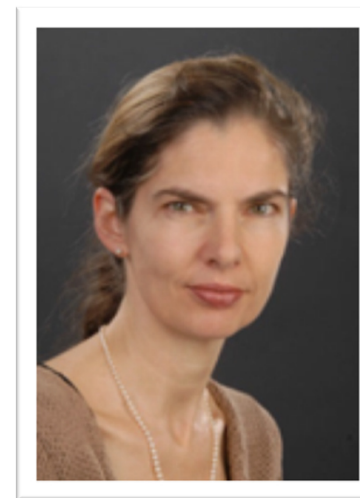
- BfR Structure,
- remit,
- stakeholders,
- hot topics



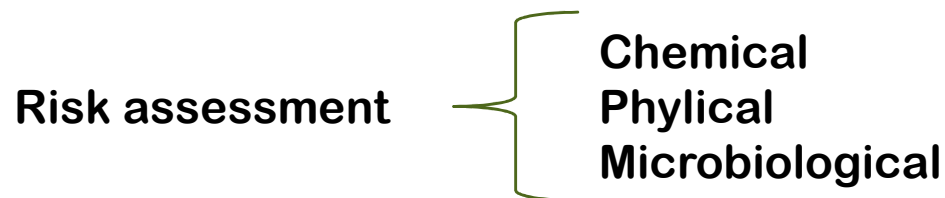
Andreas Hensel

Concepts and Terminology in microbiological and chemical risk

Anja Buschulte



Definition and legal framework of risk analysis



Characterization of risk

Dietary Exposure Assessment

Anna Kolbaum



The importance of exposure assessment to quantify the risk

Brief characterization of methods used in Food consumption surveys

Data sources for dietary exposure assessment

Variability vs. Representiveness

Taking a closer look: Examples for microbiological risk assessments

Identification

Organization

Risk analysis

Information



Alexandra Fetsch

Exemples

EU-wide outbreak of *Salmonella* Enteritidis 2014

E. coli O104:H4 outbreak Germany 2011

Taking a closer look: Examples for Chemical risk assessments

Toxicokinetic vs Toxicity

Contaminants

DDT

Mycotoxins

Dioxins

Heavy metals

PCBs

Exemple

Occurrence of inorganic arsenic in rice

Ulrike Pabel



Ralph Pirow



Risk Communication

Mark Lohmann



Guidelines for communicating risks

Challenges in Risk Communication: Variety of Expert Opinions

Influence of social media on risk perception

Methods for assessing subjective risk perception

Actual Problems of Risk Assessment in Food Safety



Special Thanks:

Nicole Gollnick – BfR
Catarina Mendes Leal – ASAE
Cristina Rodrigues
Carla Francisco

