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EUCHINASAFE 中欧食品安全

QUEEN'S UNIVERSITY BELFAST | THE INSTITUTE FOR GLOBAL FOOD SECURITY

THREATS TO OUR FOOD SYSTEM:

The impact of climate change and legislative changes on the control of mycotoxins and antimicrobial agents

Day One (11th May) - Mycotoxins Programme

Theme 1: Challenges that our changing climate and changing legislation will bring

09:00	**Welcome and Introductions** Professor Chris Elliott (Queen's University Belfast) and Dr James McIntosh (***safe***food)
09:10	**Worldwide contamination of food-crops with mycotoxins: validity of the decades old FAO estimate of 25% and how can we mitigate the issue.** Rudolf Krska, (University of Natural Resources and Life Sciences, Vienna (BOKU), Austria)
09:30	**Worldwide contamination in the ASEAN region and its impacts on food safety and international trade.** Awanwee Petchkongkaew, (Thammasat University, Thailand)
09:50	**Low doses of mycotoxin mixtures below EU regulatory limits can negatively affect the performance of broiler chickens: A longitudinal study.** Oluwatobi Kolawole, (Institute for Global Food Security, Queen's University Belfast, UK)

Theme 2: The role rapid diagnostics can play in developing decision support tools for the agri-food industry

10:10	**Emerging technologies.** Michel Nielen, (Wageningen Food Safety Research, Wageningen University, The Netherlands)
10:30	**Coffee Break**
11:00	**Bridging the gap between massive on-site mycotoxin testing and confirmatory instrumental analysis.** Ariadni Geballa Koukoula, (Wageningen Food Safety Research, Wageningen University, The Netherlands)
11:20	**Co-occurrence of mycotoxins in oats grown in Ireland.** Lorenzo De Colli, (Food Safety Department, Teagasc Food Research Centre, Dublin, Ireland)
11:40	**Challenges and opportunities in rapid diagnostics for mycotoxins.** Julie Meneely, (Institute for Global Food Security, Queen's University Belfast, UK)
12:00	**Breakout Sessions** • Mycotoxin mitigation strategies (Chair: Awanwee Petchkongkaew). • Rapid diagnostics for mycotoxins (Chair: Rudolf Krska).
12.30	**Conclusions from breakout sessions**
13:00	**Close**

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Day Two (12th May) - Antimicrobials Programme

Theme 1: Antimicrobial Resistance (AMR) – understanding how farming contributes to the growing issues

09:00	**Welcome and Introduction** Professor Chris Elliott (Queen's University Belfast)
09:10	**Current and emerging threats for the presence of antibiotic resistant bacteria in food for human consumption in the Netherlands.** Bart Wullings, (Wageningen Food Safety Research, Wageningen University, The Netherlands)
09:30	**AMR from Agricultural Sources in the Natural Environment.** Brian Quinn, (Institute for Global Food Security, Queen's University Belfast, UK)
09:50	**Antimicrobial Resistance: Assessing the effectiveness of reducing the use of antimicrobials on the prevalence of antimicrobial resistance and the productivity of swine farms.** Aoibheann Traynor, (Institute for Global Food Security, Queen's University Belfast, UK)

Theme 2: The need for better diagnostics in light of legislative changes

10:10	**Residues of veterinary medicinal products - EU legislation past, present and future.** Wesley Smyth, (Agri-Food and Biosciences Institute, Veterinary Sciences Division, Belfast, UK)
10:30	**Coffee Break**
11:00	**Investigation of florfenicol antibiotic residues in animal tissues and milk.** Dermot Faulkner, (Agri-Food and Biosciences Institute, Veterinary Sciences Division, Belfast, UK)
11:20	**Development of new methodology for the detection of nitrofuran residues in meat by LC-MS/MS.** Gemma Regan, (Food Safety Department, Teagasc Food Research Centre, Dublin, Ireland)
11:40	**Consumer perceptions, attitudes and intention to purchase Pork products with 'Raised without antibiotics' and Responsible antibiotic use food labels.** Hollie Bradford, (Institute for Global Food Security, Queen's University Belfast, UK)
12:00	**Breakout Sessions** • The impact of reducing antimicrobials in livestock farming. (Chair: Moira Dean). • The challenges surrounding diagnostics for antimicrobials in food. (Chair: Chris Elliott).
12.30	**Conclusions from breakout sessions**
13:00	**Close**