

CONFERENCE PROGRAMME

08.30 -09.15 **Registration**

09.15 - 09.30 **Welcome addresses**

Professor Christopher Elliott, Queen's University Belfast, Northern Ireland
Dr James McIntosh, *safe food*

Theme 1: Innovations In Detecting Mycotoxins and Mycotoxin Exposure: Chair Prof Chris Elliott

09.30 - 10.00 **Metabolomics in mycotoxin research: its future and its limitations**

Professor Rudolf Krska
University of Natural Resources and Life Sciences, Vienna, Austria

10.00 - 10.30 **Towards a generic label-free multiplex immunoassay approach for masked mycotoxins using reactive imaging surface plasmon resonance biosensing (riSPR)**

Professor Michel Nielen
Wageningen University, The Netherlands

10.30 - 11.00 **Biomarker development to evaluate human exposure to mycotoxins**

Dr Yun Yun Gong
University of Leeds, United Kingdom

11.00 - 11.40 Morning coffee break / posters & exhibits

Theme 2: Mycotoxin Effects in Farm Animals and Foods: Chair Dr Martin Danaher

11.40 - 12.00 **Introduction to a study on mycotoxins in Irish farm silages**

Mr Cormac McElhinney
Teagasc (Irish Agriculture & Food Development Authority), Ireland

12.00 - 12.30 **The causes and effects of moulds and mycotoxins in horses**

Professor Tom Buckley
Irish Equine Centre, Kildare, Ireland

12.30 - 13.00 **Study of the interspecific inhibition-competition phenomena in-between ochratoxinogenic strains present on coffee**

Dr Didier Montet
CIRAD, Université Montpellier, France

13.00 - 14.00 Lunch Break

Theme 3: Current and Future Threats from Mycotoxins and Plant toxins: Chair Prof Michel Nielen

14.00 - 14.30 **Tracking climate change: lessons from spatial ecology for prediction of mycotoxin geographical prevalence**

Dr Jack Lennon
Queen's University Belfast, Northern Ireland

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- 14.30 -15.00 **Plant Alkaloids: Drugs, Toxins and Psychedelics. Some of nature's threats to food security**
Dr Katrina Campbell
Queen's University Belfast, Northern Ireland
- 15.00 - 15.15 **Mycotoxins in GB & Ireland Animal Feed: How will the industry measure & then practically manage the high loading & challenges during winter 12/13 & beyond?**
Dr Jog Raj
Micron Bio-Systems, Somerset, United Kingdom
- 15.15 - 15.45 Afternoon coffee break / posters & exhibits
- 15.45 - 17.30 **Theme 4: Discussion Forum: Future Research Needs : Chair Prof Chris Elliott & Dr James McIntosh**
- In the context of changing regulations, climate change and the current and future impact of animal and human biotoxin exposure each panel member will present their views on future research needs (5 minutes each).
- Panel Members:** Professor Rudolf Krska, Professor Michel Nielen, Dr Martin Danaher and Professor Tom Buckley
- Conferences closes at 17.30**