

# Conference Agenda

## 44th Mycotoxin Workshop 2023

Date: Wednesday, 07/June/2023

9:00am Registration III

9:15am Analysis / Fungi I

10:30am 9:15am - 9:30am

### LC-QToF-HRMS as an Effective Tool for Detecting of Co-Contamination of Mycotoxins and Transformation Products

Marcus Trentzsch, Stefan Weigel, Christoph Hutzler

German Federal Institute for Risk Assessment (BfR), Germany

9:30am - 9:45am

### Acceleration of an HPLC-MS / MS multi-class method for the analysis of >1200 biotoxins, pesticides, and veterinary drugs

Lidija Kenjeric<sup>1</sup>, Michael Sulyok<sup>2</sup>, Rudolf Krska<sup>2,3</sup>, Kristyna Pavelicova<sup>4</sup>, Alexandra Malachova<sup>1</sup>

1: Austrian Competence Centre for Feed and Food Quality, Safety & Innovation, Austria; 2: University of Natural Resources and Life Sciences Vienna (BOKU), Department of Agrobiotechnology (IFA-Tulln), Institute of Bioanalytics and Agro-Metabolomics, Konrad-Lorenz-Straße 20, 3430 Tulln an der Donau, Austria; 3: Institute for Global Food Security, School of Biological Sciences, Queens University Belfast, University Road, Belfast, BT7 1NN, Northern Ireland, United Kingdom; 4: Department of Chemistry and Biochemistry, Faculty of Forestry and Wood Technology, Mendel University in Brno, Zemedelska 1, Brno, Czech Republic

9:45am - 10:00am

### IR spectroscopy combined with LC-MS/MS analysis for rapid mycotoxin screening

Stephan Freitag, Michael Sulyok, Rudolf Krska

Institute of Bioanalytics and Agro-Metabolomics, Department of Agrobiotechnology, IFA Tulln, University of Natural Resources and Life Sciences, Vienna

10:00am - 10:15am

### Disarmed mycotoxins from *Stachybotrys chartarum*: insights into metabolism and biological activity of phenylspirodrimanones

Alica Fischle, Katharina Steinert, Viola Haupt, Felix Schimang, Hans-Ulrich Humpf, Svetlana A. Kalinina

Institute of Food Chemistry, University of Münster, Münster, Germany

10:15am - 10:30am

### Effect of Deoxynivalenol on soil nitrification

Sven Korz, Katherine Munoz

RPTU, Institute for Environmental Sciences, Landau, Germany

10:30am Coffee break V

11:00am

11:00am Fungi II

11:45am 11:00am - 11:15am

### Influence of the velvet complex on development, secondary metabolism, aggressiveness and defense of *Penicillium expansum*

Chrystian Zetina Serrano, Nadia Tahtah, Ophélie Rocher, Selma Snini, Yannick Lippi, Emilien L. Jamin, Isabelle P. Oswald, Olivier Puel, Sophie Lorber

INRAE, ToxAlim (Research Centre in Food Toxicology), Toulouse, France

11:15am - 11:30am

### Linking distinct extrolite profiles to the different genetic populations within *Penicillium roqueforti*

Ewen Crequer<sup>1,2</sup>, Jean-Luc Jany<sup>1</sup>, Gwennina Cueff<sup>1</sup>, Jeanne Ropars<sup>2</sup>, Thibault Caron<sup>2</sup>, Jens Frisvad<sup>3</sup>, Johan Christiansen<sup>3</sup>, Antoine Branca<sup>2</sup>, Tatiana Giraud<sup>2</sup>, Emmanuel Coton<sup>1</sup>, Monika Coton<sup>1</sup>

1: Univ. Brest INRAE, Laboratoire Universitaire de Biodiversité et Ecologie Microbienne, F-29280 Plouzané, France; 2: Université Paris-Saclay, CNRS, AgroParisTech, Laboratoire Ecologie Systématique et Evolution, UMR 8079, France; 3: Department of Biotechnology and Biomedicine, Technical University of Denmark, DK-2800 Kgs. Lyngby, Denmark

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**11:30am - 11:45am**

**Environmental influences on the production of Alternariol-Sulfate by *Alternaria alternata***

**Adetoye Adeyemo, Markus Schmidt-Heydt**

Max Rubner-Institute, Germany

**11:45am Closing**

**12:00pm**

**Excursion (free, limited, [registration required](#))**

**12:30pm Bus departure for a visit Bruker Daltonics in Bremen (free, limited, [registration required](#)).**

Free bus tour to the factory of Bruker Daltonics in Bremen. After the event no transfer back to Celle but to Bremen main station and airport.

**2:30pm**

**Visit of the Bruker Daltonics factory of mass spectrometers (free, limited, [registration required](#))**

**4:15pm**

Guided tour through the production factory and visit of the demo labs showing the latest developments of Bruker Daltonics.

For individual arrival: Meeting point in front of the main building, Fahrenheitstraße 4, 28359 Bremen

**4:15pm**

**Snacks, drinks and discussions / Shuttle transfer to Bremen station and airport**

Free drinks and snacks. Opportunity to discuss with experts from Bruker.  
Flights at 17:30 from Bremen to Munich or 19:10 to Frankfurt will be reached.