MycoKey 2020 Final International Conference on-line

19-21 October 2020

Programme

19 October, Monday

MycoKey 2020 OPENING
Conference presentation: Antonio F. Logrieco, and Antonio Moretti, Italy

10:00 **Welcome: Antonio F. Logrieco, Italy and J. Feng, China**
10:10 **Antonio F. Logrieco, Italy** – The MycoKey Project
10:35 **Zhang Hao, China:** Mycotoxin management for safe food and feed by EU-China cooperation

S1 – Challenges in Mycotoxin Analysis in food and feed
11:00 **Sarah De Saeger, Belgium** - WP3 "Mycotoxin Monitoring: main outcome of Mycokey Project", including Q&A
11:30 **Veronica Lattanzio, Italy** – Development, validation and in field application of multiplex dipstick immunoassay for Fusarium toxins detection in cereals
11:45 **Dandan Kong, China** – DNA aptamer based strip tests for multi-mycotoxin analysis

12:00 – 12:30 Digital Break

S2 – Biodiversity, Fungi Monitoring & Functional Genomics of Toxigenic Fungi
12:30 **Kris Audenaert, Belgium** - WP2 "Monitoring of toxigenic fungi: main outcome from MycoKey Project", including Q&A
13:00 **Meixin Yang, China** Population Genomic Analysis Reveals a Highly Conserved Mitochondrial Genome in *Fusarium asiaticum*
13:15 **John F. Leslie, USA** – Species Clusters in *Fusarium*

I1 - Voices from food and feed industries
13:45 **Yuri Lebedin, Russia, XEMA** – Immunoassay of *Fusarium*: update and applications
13:55 **Ronald Niemeijer**, Germany, R-BIOPHARM – Closing the gap: Smartphone based analytical tools for mycotoxin testing
14:05 **Giulia Rosar, Italy, EUROFINS/TECNA** – Eurofins Technologies brings reliable and smart screening solutions to industries for mycotoxins monitoring
14:15 **Giovanni Galiazzo, Italy, FUTURLAB** – Is there available an automatization simple, versatile and reliable for the quantification of toxins on feed and food matrixes? An easier way to get reliable results

CLOSING OF THE DAY
14:25 **David Miller**, Canada - An unwanted surprise: genetic changes in the populations of important toxigenic fungi
14: 55 - 15.00 **Closure of First Day**

20 October, Tuesday

S3 – Prevention in the field

10:00 **Susanne Vogelgsang, Switzerland** – WP4 "Mycotoxin prevention strategies: main outcomes from the Mycokey project", including Q&A

10:30 **Dimitrios Drakopoulos, Switzerland -** Innovative cropping systems and bio-pesticides to prevent mycotoxins in wheat

10:45 **Lorenzo Stagnati, Italy -** Unravelling the genetic basis of *Fusarium* resistance in different maize populations

11:00 **Ranajit Bandyopadhyay, Nigeria** – Reducing aflatoxin contamination in several African nations through use of commercial atoxigenic biological control products

S4 – Intervention strategies

11:30 **Giuseppe Meca, Spain** – WP5 "Mycotoxin intervention strategies: main outcomes from the Mycokey project", including Q&A

12:00 **Sergii Pugach, Ukraine** − "Mycotoxin intervention strategies: inhibiting effect of ozone"

12:15 **Levent Yasin Kurt, Turkey** – "Mycotoxigenic fungi mitigation through cold plasma treatment"

12:30 **Chen Yun, China** – Integrating fungicides and biocontrol agents to manage Fusarium head blight of wheat in China

13:00 – 13:30 Digital Break

I2 - Voices from food and feed industries

13:30 **Roberto Bassi, Italy, SYNGENTA** – Adepidyn™: step change to control a broad range of *Fusarium* species

13:40 **Luca Alinovi, Kenya AFLAZERO LTD** – The circular economy solution to aflatoxin: Transforming toxic crops into healthy food and feed

13:50 **Anneliese Mueller, Austria, BIOMIN,** - BIOMIN contribution to mycotoxin risk mitigation

14:00 **Olga Averkieva, France, ADISSEO** – ADISSEO a global leader in animal nutrition – With a comprehensive range of feed additives and services

CLOSING OF THE DAY

14.10 **Jean-Lou Dorne, Italy, EFSA** - Risk assessment of combined exposure to multiple chemicals @ EFSA: From guidance documents to applications

14: 40 - 14.50 **Closure of Second Day**

21 October, Wednesday

S5 – Food and feed Remediation & Processing

10:00 **Michelangelo Pascale, Italy** – WP6 "Mycotoxin remediation: main outcomes from the Mycokey project", including Q&A

10:30 **Vito D'Ascanio, Italy** – Development of a new bio-organoclay for mycotoxin decontamination: in vitro and in vivo evidence

10:45 **Yu-Cai Liao, China** - Detoxification of deoxynivalenol in wheat by bacteria and enzymes

11:00 **Michele Suman, Italy** – The Influence of Processing Parameters on the Mitigation of Deoxynivalenol during Industrial Baking

S6 – Modelling & ICT Solutions

11:30 **Paola Battilani, Italy** - Modelling as useful tool for mycotoxin management in the field, including Q&A

12:00 **Theo van Der Lee, The Netherlands** - MycoKey app: an ICT solution to facilitate mitigation of mycotoxin risks, including Q&A

12:30 – 13:00 Digital Break

I3 - Voices from food and feed industries

13:00 **Jog Raj**, **Serbia**, **PATENT CO - PATENT CO DOO**- Company pitch and mycotoxins related activities at PATENT CO.

13:10 **Virginie Marquis**, **France**, **PHILEO-LESAFFRE** – Efficacy assessment and protective effect of yeast fractions in reducing the negative impact of mycotoxins in animals.

13:20 **Marie-Clarisse Techer**, **France**, **MIXSCIENCE** – Biological detoxification of zearalenone by *Bacillus subtilis* strains

13:30 **Gerardo Morantes**, **Switzerland, BUHLER AG** – Advanced grain cleaning solutions for mycotoxin reduction

INSIGHTS FROM EUROPEAN PROJECT AND STRATEGY

13:40 **Rudolf Krska, Austria** – The impact of integrated management strategies as proposed by MyToolBox to control mycotoxins in the food supply chain

14.10 **Alessio Bacchielli, Italy** - European Commission, Belgium – Green Deal Call: from farm to fork

14:30 **Frans Verstraete, Belgium -** European Commission, Belgium - EU policy on mycotoxins in feed and food: Update and outlook

CONFERENCE CLOSING

15:00 - 15:20 **Antonio F. Logrieco, Italy, Closing remarks of the Conference**

INTERNATIONAL SOCIETY FOR MYCOTOXICOLOGY MEETING

15:30 – 16:15 **General Assembly** - **ISM Board:**

Rudolf Krska, Austria, Antonio Moretti, Italy. Sarah De Saeger, Belgium, Antonio F. Logrieco, Italy Communications and future perspectives