



Botanic Gardens Trust
SYDNEY

Science Education
CONSERVATION
Horticulture Recreation

Myco-Globe project

Australia-Europe Symposium on Mycotoxins and Food Safety

Sponsored by the

Italian Embassy in Australia



Integration of Mycotoxin and Toxigenic Fungi
MYCO-GLOBE
Research for Food Safety in Global System



Australia-Europe Symposium in Mycotoxins and Food Safety Program

Wednesday, February 15th, 2006.

AM

- 9:30 Opening by Drs D. Volpicelli and N. Sassanelli (Italian Embassy)
9:40 Welcome and Introduction Dr. Brett Summerell
9.50 Mycoglobe and mycotoxin cluster projects (Dr. A. Visconti-ISPA-CNR, Italy)

Mycotoxins and mycotoxicoses in Australia and Europe

- 10:00 Antonio Logrieco: Emerging mycotoxicological risks in Europe: ochratoxin A in wine, hexadepsipeptides in cereals and aflatoxins on maize.
10:30 Wayne Bryden: Mycotoxins and animal disease: An Australian perspective.
11.00 break
11.30 Alberto Ritieni: Potential mycotoxin risk from less investigated commodities
12.00 Ailsa Hocking: Mycotoxins in the Australian food supply: health, trade and regulatory implications

12.30 Lunch

2:00 Barry Blaney: Managing mycotoxins in maize and other food crops in Australia
2:30 Manfred Gareis: Occurrence of Ochratoxin in Food and the Dietary Intake
3:00 break
3:30 Su-lin Leong: Vineyard ecology - how climatic variation can affect ochratoxin A in grapes
4:00 Damian Moore: Occurrence of mycotoxins in straw used for deeplitter for pigs and related case studies
4:30 Discussion
5:00 Close

Thursday, February 16th, 2006.

Toxigenic Fungi: biodiversity, pathogenicity and detection

- 9:00 Antonio Logrieco: Biodiversity and tools for detection of Toxigenic fungi in Europe.
9:30 John Pitt: Biology and ecology of toxigenic *Penicillium* species.
10:00 Brett Summerell: Biodiversity of *Fusarium* in Australia.
10:30 Break
11:00 Jerzy Chelkowski: Changes of distribution and frequency of *Fusarium graminearum* in wheat scab in Europe.
11.30 Tim Knight: Populations of *Fusarium graminearum* associated with wheat and corn in eastern Australia.
11:45 Lester Burgess: The impact of *Fusarium* species on Australian agriculture.

12:30 Lunch

2:00 Malcolm Reilly: The diversity, occurrence and impact of clavicipitalean fungi in Australia.
2:30 Nai Tran-Dinh: *Alternaria* in Australia: mycotoxin production and molecular tools for taxonomy.
3:00 break
3:30 Sukumar Chakraborty: A comparison of aggressiveness, toxin production and genetic diversity of the *Fusarium* head blight pathogens from the USA and Australia.
4:00 Rolf Geisen: Gene expression as an indicator for mycotoxin biosynthesis.
5:00 Close

6:00 Conference Dinner - Botanic Gardens Restuarant

Friday, February 17th, 2006.

Advances in mycotoxin detection, prevention and control

9:00 Angelo Visconti: Overview of detection methods of mycotoxins
9:30 Peter Varelis: Detection of Ochratoxin A using a novel isotope dilution technique
10:00 Naresh Magan: Ecological interactions, preservatives and mycotoxigenic fungi in food
10:30 Break
11:00 John Pitt: Biocontrol of aflatoxins in Australian peanuts
11:30 Rao CN Rachaputi: Predicting aflatoxin risk in peanut and maize using APSIM model
12:00 Mycotoxicology of sago haemolytic disease in Papua New Guinea - Andrew Greenhill, Barry Blaney, Warren Shipton, Aisak Pue et al.
12.15 A guide to HACCP-based risk management for mycotoxins in Australian maize - Lisa Bricknell, Barry Blaney, Jack Ng.
12:30 Frank Berthiller and R. Krska: Recent developments in mycotoxin analysis: A European report
1.00 Lunch