



2012 | 2013
German-South African
Year of Science
Deutsch-Südafrikanisches
Jahr der Wissenschaft



science
& technology
Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



Federal Ministry
of Education
and Research

Mycotoxins in Food and Feed

Second announcement



26 February 2013
Stellenbosch Institute for
Advanced Studies (STIAS)
Wallenburg Centre
Stellenbosch
South Africa

Important Date:
Final registration:

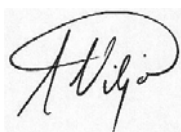
31 January 2013

Message from the conveners

Mycotoxins are toxic metabolites produced by fungi that occur in food, feed, grains, fruits, wine and juice. Their consumption is of concern to national and international regulatory authorities, as high levels of mycotoxins could be detrimental to the well-being of humans and animals. Almost 25% of the food we eat is contaminated with mycotoxins, but the level of contamination is controlled to ensure that it is safe for consumption. Still, the oblivious consumption of mycotoxin-contaminated food and feed continues to occur, especially in Africa where the capacity to detect and control it often does not exist. Aflatoxins have resulted in acute liver poisoning and the death of many Africans following poor storage conditions, while the contamination of grain crops and nuts with mycotoxins has resulted in strict regulation of their exportation to Europe and the USA.

To celebrate the 10th anniversary of scientific collaboration between South Africa and Germany, a delegation of German scientists will be visiting their South African counterparts in February 2013 to discuss international developments and collaboration on the importance, detection and control of mycotoxins in food and feed. As part of this event, a 1-day workshop will be held in Stellenbosch to share information and to stimulate discussions on the status of mycotoxin contamination of food and feed and about recent research developments. People that will benefit from this workshop are those working in the agricultural sector, the food and feed processing industries, the health sector, government officials and policy makers, private business and exporters, as well as scientists and analytical laboratories.

As coordinators of the South African and German research groups, we would like to invite you to participate in this unique event, and to familiarize yourselves with the challenges, opportunities and future directions of mycotoxin research in South Africa, Germany, and on a global scale.



Prof. Altus Viljoen
South African coordinator



Prof. Hans-Ulrich Humpf
German coordinator

Programme

08:30 Registration

09:00 Welcoming and goals of the meeting
Proffs. Altus Viljoen and Hans-Ulrich Humpf

Session 1: Impact of Mycotoxins

09:10 Opening address: The South African grain industry: Challenges in feeding South Africans with sufficient and healthy food
Mr. Jannie de Villiers: CEO Grain South Africa

09:30 Perspectives on mycotoxin research in South Africa
Prof. Piet Steyn (The Maize Trust, South Africa)

09:50 The situation on mycotoxins in food and feed in Germany
Prof. Hans-Ulrich Humpf (University of Muenster, Germany)

10:10 Coffee and Tea

Session 2: Accurate detection and legislation

10:30 Mycotoxins in Europe: Legislation and official control
Dr. Sabine Kemmlein (Federal Institute for Risk Assessment, Berlin, Germany)

10:50 Modern methods in mycotoxin analysis
Dr. Benedikt Cramer (University of Muenster, Germany)

11:10 Occurrence and relevance of masked mycotoxins
Dr. Henning Harrer (University of Muenster, Germany)

11:30 General discussion

Session 3: Human and animal health

12:00 Chronic and sub-acute effects of mycotoxins
Prof. Wentzel Gelderblom (Medical Research Council, South Africa)

12:20 Human biomonitoring of mycotoxins: Current status
Prof. Gisela Degen (IfADo - TU Dortmund, Germany)

12:40 Lunch

13:30 Risk analysis of mycotoxins
Dr. Gordon Shephard (Medical Research Council, South Africa)

13:50 The relevance of mycotoxins to farm animals and carry-over in animal products
Prof. Sven Dänicke (Federal Research Institute for Animal Health, Braunschweig, Germany)

14:10 General Discussion

Session 4: Mycotoxin reduction in food and feed

14:30 Management strategies of mycotoxins in the supply chain: From producer to processing

Prof. Bradley Flett (Agricultural Research Council, South Africa)

14:50 Mycotoxin problems in remote rural grain production areas of South Africa

Mr. Edson Ncube (Agricultural Research Council, South Africa)

15:10 Coffee and Tea

15:30 The use of molecular biology and biotechnology for mycotoxin detection and prevention

Prof. Altus Viljoen (Stellenbosch University, South Africa)

15:50 Management of mycotoxins in Germany

Prof. Petr Karlovsky (University of Göttingen, Germany)

16:10 General Discussion

Proffs. Altus Viljoen and Hans-Ulrich Humpf

16:30 Wrap-up and closing of workshop

17:00 Cheese and wine



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REGISTRATION FORM
Mycotoxins in food and feed
26 February 2013

NAME	
SURNAME	
TITLE	
INSTITUTION	
COUNTRY	
EMAIL ADDRESS	
POSTAL ADDRESS	
TELEPHONE NUMBER	
FAX NUMBER	

REGISTRATION: The meeting is fully sponsored by the German-South African year of Science, and no registration fee will be charged
Attendance will be limited to the first 80 participants
Final registration date 31 January 2013

MEAL REQUIREMENTS: please tick appropriate box

Vegetarian	
Halaal	
If other, please specify	

CANCELATION POLICY: Cancellations must be notified in writing to Ms Lizeth Swart (email: ls3@sun.ac.za) by 15 February 2013

ACCOMMODATION: Accommodation in Stellenbosch must be booked by delegates
For information on accommodation, visit:
<http://www.sa-venues.com/accommodation/stellenbosch.php>

SUBMIT REGISTRATION FORM TO: ls3@sun.ac.za or fax to 021-8084956