

NIGERIA MYCOTOXIN AWARENESS AND STUDY NETWORK (NMASN)  
4<sup>TH</sup> ANNUAL CONFERENCE/WORKSHOP  
"QUARANTINE 2009"  
April 27-29, 2009

PROGRAMME OF EVENTS

====Day 1

VENUE Nigeria Agricultural Quarantine Service (NAQS)  
Moor Plantation, Ibadan.

*1<sup>st</sup> SESSION*

9 00 – Registration

9.40 - 9.45am Opening prayer  
9.45-10.00 am Recognition of Invited Guests

10.00 -10.05 am Welcome address by Executive Director NAQS –  
Dr Mamman Magaji  
10.05 –10.15am Welcome address by the President NMASN -  
Prof SO Fapohunda

10.15-10.25am Speech the Hon. Minister of Agriculture and  
Water Resources, Dr Sayyadi Abba Ruma  
10.25—10.35am - Announcements  
10.35- 11am - Tea break

11.00-11.10am - Chairman *Mrs Margaret Eshiet*  
Citation of Guest Speaker- Dr Olusegun Atanda  
11.05-11.45am- Lecture: Dr Antonio Logrieco, ISFP, Bari  
Italy and Vice President, International  
Society for Mycotoxicology.  
Topic - " EU MycoRed project": Novel integrated strategies  
for worldwide mycotoxin reduction in food and feed chains

11.45-12-15pm - Interactions on Lecture  
12.15-12.30pm- Solidarity Messages from Stakeholders on  
Mycotoxin Research  
12.30-1pm- Interaction with food, feed industries, farmers etc .  
-*Mr J Ikeorah, Mrs T Ethan, Mr A Chineke*

1- 1.40pm- *Scientific Session*

Chairman = *Dr F Oyebanji*  
Presenter - Dr Peter Cotty, Research Plant Pathologist, USDA (ARS),  
University of Arizona, USA

Title- Aflatoxin Producing Fungi: "Diversity,  
Distribution, and Management."

1.40-2.25 pm-----LUNCH

2<sup>nd</sup> SESSION (WORKSHOP---Elster Vermeulen, Ogunbanwo B F, Imafidon T)

2.25-4.25 pm: Microsep (South Africa) /NMASN team - Sample preparation, extraction, fluorometry, Aflatest strip

=====DAY 2 = *Scientific Sessions*

VENUE: Conference Room, NAQS, Ibadan

1<sup>st</sup> SESSION

9.00-11.30am

*Chairman--- Dr Lelia Dongo*

J Atehnkeng , PS Ojiambo, M Donner, T Ikotun, PJ Cotty, and R Bandyopadhyay:= Evaluation of substrates as carrier of atoxigenic strains of *Aspergillus flavus* for field application to control aflatoxin in maize

JA Aina and O E Usanga =SURVEY OF GRAINS FOR AFLATOXIN B1 CONTAMINATION IN SOME MAJOR MARKETS IN LAGOS METROPOLIS

J T Ogunlade , Ewuola EO, Gbore FA and Egbunike GN =Fumonisin B<sub>1</sub>: Its implication on growth and egg quality characteristics of laying hens

S O FAPOHUNDA, C. N. EZEKIEL, O. T. AKINTEWE AND O. A. OLARINMOYE Anti-Aflatoxigenic Activity of the Methanolic and Ethanolic Extracts of Two African Herbs – *Phyllanthus niruri* and *Pseudoceadrela kotschy*

11.30am---1.20pm

*Chairman—Mrs Stella Denloye*

A O Adeyina and O Ahmed= Implications of mycotoxins in milk and milk related products - a review

O I Akogun Ikhenebome D, R. Dosunmu and T.T. Arannilewa= Relevance of exposure assessment in standards setting for mycotoxins in foods

KO Idahor, IM Ogara and CW Nkuju=Review of occurrence of fumonisins and their effects on farm animals

O.O. Akinbade, Manjula Kumar, Atehnkeng Joeseeph G.O. Adegoke, P. Lava Kumar and R. Bandyopadhyay<sup>1</sup> Incidence of *Aspergillus* section Flavi strains and aflatoxin production in some market samples of *Dioscorea* yam chips from various towns in Nigeria  
O O Awosusi, ; Chineke, A; Ogunfunmilayo A.O.; Wintola A.P.O, Kazeem S.A.; Ogunsola K.E and Koyaolu-Salami O= Mycotoxin regulation in Nigeria's trade: need for collaborative effort of major SPS regulatory agencies

C.N Kwanashie, J.U Umoh, P.A Abdu and H.M Kazeem = Fungi associated with dead-in-shell embryonated chicken eggs in Zaria and Kaduna, Nigeria

1.20—2.00pm -----LUNCH

2.00--4.00 pm - WORKSHOP----- Mycotoxin Analysis Fluorometry, Aflatest  
Microsep/ NMASN team

2<sup>nd</sup> SESSION

4.00--5.20.pm

Chairman—*Prof R N Okigbo*

OM Samuel Aikore, D Eruvbetine, AM Bamigbose, MA Oyekunle, J Atehnkeng and R Bandyopadhyay = Inhibition effect of feed additive (Sim®Wall) on sporulation of *Aspergillus flavus*, aflatoxin production and *in vitro* binding of AFB<sub>1</sub>

T A Olopade and Atanda OO = Effect of different lemon grass treatments on aflatoxigenic *A. flavus* (SGS-421) and aflatoxin B<sub>1</sub> contamination of maize grains

A M Omemu and Bankole M.O. = Fungal microbiota in stored *ogi*-a fermented maize product used as weaning, food for convalescence adults and the aged in Nigeria

====DAY 3

*Scientific session*

VENUE ===== Conference Room NAQS,Ibadan

9 30-11.00am

Chairman- *Dr M Edema*

Okigbo RN and Ezebo RO= Incidence of mycotoxins in cassava and yam chips from Anambra and Abia States

Ewuola, EO, Ogunlade JT, Gbore, FA and Egbunike, GN = Toxicological effects of dietary Fumonisin B<sub>1</sub> on blood profile of pubertal rabbit bucks

Onifade AK, Adesida RA and Jeff-Agboola YA= Effect of Neem (*Azadirachta indica*) essential oil on mycoflora and aflatoxigenic moulds from poultry finished feeds

Olaitan C. Okechukwu, Joseph Atehnkeng, Ephraim JA Ekpo, and Ranajit Bandyopadhyay= Aflatoxin production by *Aspergillus* species in stored cassava chips in Nigeria

11am-1.00pm - Workshop (Microsep/NMASN team)

1.00-1.15pm- Distribution of Certificates

1.15-2.30pm- AGM

2.30- 3.30pm- LUNCH

3.30pm - Departure



SECRETARIAT

Central Laboratory, Complex NAFDAC  
Oshodi, P M B 21482 Ikeja Lagos..

[www.mycotoxin-ng.org](http://www.mycotoxin-ng.org)

## "QUARANTINE" 2009

### 4<sup>th</sup> ANNUAL CONFERENCE OF THE NIGERIA MYCOTOXIN AWARENESS AND STUDY NETWORK

**Venue :** Nigeria Agricultural Quarantine Service(NAQS). Moor-Plantation, Ibadan. Oyo-State

**Date :** 27-29, April 2009

## COMMUNIQUE

The conference was attended by participants from Universities, Polytechnics, Research institutes, Regulatory agencies, Farmers, Feed millers, and other stakeholders and had the following guests in attendance:

- Hon Minister of Agriculture and Water Resources -represented by Engr Funso Akilapa
- Guest speaker- Dr Antonio Logrieco, Vice President, International Society for Mycotoxicology, Italy.
- Dr Peter Cotty, FDA(ARS), University of Arizona, USA.
- Dr Ranajit Bandyopadhyay, IITA, Ibadan
- Mr Elster Vermeulen - Microsep/Vicam from South Africa
- Dr Mamman Magaji, Executive Director NAQS, Abuja

Two international companies-Community of Science (COS), USA and Tecna , Italy sent in advertisement materials and so were allotted stands like others.

The meeting recognized the facts that mycotoxins particularly aflatoxins and ochratoxins, are rampant in Nigerian crops (food and cash) and feeds and agreed that NIMASN should:

- Intensify efforts to make the people stop the consumption of visibly mouldy items like maize, peanuts, beans, melon, guinea corn , soya beans, cassava and their products.
- Partner with relevant bodies to prepare a mycotoxin map of Nigeria
- Explore the possibility of continental/regional cooperation that will bring together stakeholders from Nigeria , Benin, Togo , Ghana, Sierra Leone the Gambia, Senegal, and Cameroun considering the similar climatic regimes that unite us which also expose us to equal intensity of prevalence of fungal toxins
- Take steps to coordinate the formulation of permissible limits on food and feedstuff and enforcement of same as part of the proposed National Policy on Mycotoxins.
- Advise the Federal Government to set up a Centre for Mycotoxin Research and get more involved in the crusade. Relevant government regulatory agencies and research institutes are to be adequately funded to acquire globally-accepted analytical equipment and procedures
- Collaborate with International Society for Mycotoxicology (ISM) and other relevant International bodies in order to fulfil the aims of the Network particularly in capacity-building programmes
- Ensure that subsequent workshops continue to involve practical training sessions that will be farmer- and trader-friendly

The 5<sup>th</sup> Conference and workshop will hopefully be in April 2010

**Stephen O Fapohunda Ph.D.**  
President

**Lelia Dongo Ph.D.**  
Secretary

Dated 30 April, 2009