



## Program

### Workshop on “Engaging the Health and Nutrition Sectors in Aflatoxin Control in Africa”

March 23 – 24, 2016

at

African Union Commission Headquarters,

Addis Ababa, Ethiopia

*Theme: Mitigating the Health and Nutrition Impacts of Aflatoxins in Africa through Uncommon Partnerships*



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## GOAL, OBJECTIVES and EXPECTED OUTCOMES

### a. Goal:

To foster and reinforce multi-sectoral engagements for aflatoxin control, particularly addressing health and nutritional hazards in Africa

### b. Objectives:

- Highlight current situation of health and nutritional effects due to aflatoxin exposures among the African populace, and elucidate on the role of nutrition in health-based aflatoxin research.
- Catalogue interventions targeting human and animal health as well as nutrition initiatives and actors in countries.
- Create a platform (proposed as: *Africa Aflatoxin Health and Nutrition Forum*) that would link actors across the three sectors impacted by aflatoxins (with special emphasis on health and nutrition).
- Identify gaps (especially as related to the nutrition sub-component) on current responses in line with the health component of the PACA strategy.
- Develop a roadmap to address the gaps and/or implement the health and nutrition component of the PACA strategy.

### c. Expected Outcomes:

- Increased awareness among health and nutrition professionals on the burden of aflatoxins in Africa and the role of nutrition in health-based research focused on aflatoxins.
- Authoritative recommendations on integrated approaches or interventions for the health and nutrition sectors in the control of aflatoxin in African countries.
- The *Africa Aflatoxin Health and Nutrition Forum* created.
- Enhanced partnerships and commitments to address implementation gaps in aflatoxin control in the health sector.
- An action plan for the health and nutrition sector response and cross-sectoral engagement developed.



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## PROGRAM

DAY I – 23 MARCH, 2016		
8:00 – 8:30	<b>Registration</b>	Moderators
8:30 – 9:15	<p><b>Opening Session:</b>  <i>Welcome note:</i> Dr. Amare Ayalew (<i>Program Manager, PACA-AUC</i>)</p> <p><i>Remarks:</i> Dr. Joachim Osur (<i>Amref Health Africa</i>)</p> <p><i>Key Note Address:</i> Prof. David Miller (<i>Carleton University, Canada</i>)</p> <p><i>Official Opening:</i> Dr. Janet Edeme (<i>Acting Director, Rural Economy and Agriculture, AUC</i>)</p> <p><i>Meeting Objectives:</i> Wezi Chunga-Sambo</p>	Jane Badham
9:15 – 9:55	<p><b>Session I: Background Presentations</b></p> <ul style="list-style-type: none"> <li>Aflatoxins &amp; public health: <i>The challenges</i> – Dr. Sylla Thiam (<i>Amref Health Africa</i>)</li> <li>PACA's efforts at mitigating the aflatoxin problem on the continent: <i>Adopting a holistic approach</i> – Dr. Chibundu N. Ezekiel (<i>PACA-AUC</i>)</li> </ul> <p><i>Q&amp;A – Plenary Discussions</i></p>	Dr. Cris Muyunda ( <i>PANAAC</i> )
9:55 – 10:10	<b>Group Photo &amp; Health Break</b>	Jane Badham
10:10 – 11:35	<p><b>Session II: Aflatoxin Exposure and Associated Health Risks – insights from surveillance and epidemiological studies in Africa</b></p> <ul style="list-style-type: none"> <li>Acute aflatoxin exposure &amp; impacts: <i>The Kenyan example &amp; Response towards outbreaks</i> – Dr. David Githanga (<i>Kenya Pediatric Association</i>) &amp; Mrs. Abigail Obura (<i>CDC, Kenya</i>)</li> <li>Chronic aflatoxin exposure &amp; impacts: <i>An overview</i> – Dr. Ramou Njie (<i>WHO-IARC, France at MRC The Gambia Unit</i>)</li> <li>The impact of aflatoxin exposure on infectious disease: <i>Immune function, malaria and HIV-AIDS</i> – Dr. Michael Routledge (<i>University of Leeds, UK</i>)</li> <li>Aflatoxins and animal health: <i>Case studies from Africa</i> – Dr. Johanna Lindahl (<i>ILRI, Kenya</i>)</li> </ul> <p><i>Q&amp;A – Plenary Discussions</i></p>	Dr. Florence Temu ( <i>Amref</i> )
11:35 – 11:40	<b>Unwinding</b>	
11:40 – 12:45	<p><b>Session II (continued): Aflatoxin Exposure and Associated Health Risks</b></p> <ul style="list-style-type: none"> <li>Maternal aflatoxin exposure, infant nutrition and child health: <i>Case studies in Africa</i> – Dr. Paul C. Turner (<i>MIAEH, University of Maryland, USA</i>)</li> </ul>	Greg S. Garrett ( <i>GAIN</i> )





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	<ul style="list-style-type: none"> <li>The link between aflatoxin exposure and poor child growth in Tanzania – Dr. Martin Kimanya (<i>Nelson Mandela African Institution of Science &amp; Technology, Arusha</i>)</li> <li>Occupational health exposures and potential risks – Dr. Flora Oluwafemi (<i>Federal University of Agriculture, Abeokuta, Nigeria</i>)</li> </ul> <p><i>Q&amp;A – Plenary Discussions</i></p>	
12:45 – 12:55	<p><b>Spotlight report on</b> Establishing a Platform for Research, Innovation and Collaboration in Global Food Safety: <i>BPNR, the Business Platform for Nutrition Research</i> – Mr. Penjani Mkambula (<i>GAIN, UK</i>).</p>	Jane Badham
13:00 – 14:15	<p><b>Lunch and networking – visit the exhibition stands</b></p> <p><b>Introductions on parallel breakout groups</b></p>	Jane Badham
14:20 – 15:40	<p><b>Session III: Interventions for Combating Aflatoxin Health Risks</b> <i>Parallel breakout session and discussion:</i> Group 1: Health interventions: <i>Targeting Hepatitis B virus (HBV) vaccination &amp; other control options</i></p> <ul style="list-style-type: none"> <li>Highlights of health interventions towards aflatoxin control – Mrs. Abigael Obura Awuor (<i>CDC, Kenya</i>)</li> </ul>	Dr. Joachim Osur ( <i>Amref</i> ) & Mrs. Abigael Obura Awuor ( <i>CDC</i> )
	<p><b>Session III: Interventions for Combating Aflatoxin Health Risks</b> <i>Parallel breakout session and discussion:</i> Group 2: Agriculture Interventions: <i>Pre-harvest practices, post-harvest interventions for reducing aflatoxin contamination and consequent human exposures</i></p> <ul style="list-style-type: none"> <li>Mitigating aflatoxin health risks: <i>Insights from the aflasafe project</i> – Mr. Adebawale Akande (<i>IITA, Nigeria</i>)</li> <li>Mitigating aflatoxin risk through value chains in Ghana and Kenya – Dr. Vivian Hoffmann (<i>IFPRI, USA</i>)</li> </ul>	Dr. George Mahuku ( <i>IITA</i> ) & Dr. Limbikani Matumba ( <i>LUANAR</i> )
	<p><b>Session III: Interventions for Combating Aflatoxin Health Risks</b> <i>Parallel breakout session and discussion:</i> Group 3: Nutrition Interventions: <i>Mitigating aflatoxins in food fortification supply chains for reducing human exposures; including household targeted interventions (dietary diversification)</i></p> <ul style="list-style-type: none"> <li>Selected dietary approaches to counteract aflatoxin exposure associated health hazards – Dr. Murphy LY Wan (<i>The University of Hong Kong, Hong Kong</i>)</li> </ul>	Mr. Alem Abay ( <i>GAIN</i> )
	<p><b>Session III: Interventions for Combating Aflatoxin Health Risks</b> <i>Parallel breakout session and discussion:</i> Group 4: Awareness: <i>Role of awareness creation in minimizing aflatoxin exposures and consequent impacts</i></p> <ul style="list-style-type: none"> <li>Highlights of awareness options for reducing aflatoxin exposures – Dr.</li> </ul>	Dr. Rose Omari ( <i>Science and Technology Policy Research Institute</i> ) & Ms. Angel Navuri ( <i>The</i>



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	Rose Omari ( <i>Science and Technology Policy Research Institute, Ghana</i> )	<i>Guardian</i> )
15:40 – 16:00	<b>Health Break</b>	
16:00 – 16:25	<b>Report back and presentations from group discussions</b>	<i>Jane Badham</i>
16:25 – 17:15	<b>Session IV: Towards Diagnosing Aflatoxin Exposure in Africa</b> – Dr. Paul Turner ( <i>MIAEH, University of Maryland, USA</i> ), Dr. Michael Routledge ( <i>University of Leeds, UK</i> ), Dr. Ramou Njie ( <i>WHO-IARC, France at MRC The Gambia Unit</i> ), Ms. Martha Byanyima ( <i>COMESA</i> ), Ms. Katherine Dennison ( <i>USAID/Bureau for Food Security, USA</i> ), Mr. Penjani Mkambula ( <i>GAIN, UK</i> )  <i>Panel discussions</i>	<i>Jane Badham</i>
17:15 – 17:30	<b>House keeping and announcements and adjourn for the day</b>	<i>Jane Badham</i>
	<b>Day II – 24 MARCH, 2016</b>	
8:30 – 8:45	<i>Recap and scene setting for the day</i> • <i>Video from Prof. Chris Wild (WHO-IARC Director)</i>	<i>Jane Badham</i>
8:45 – 9:50	<b>Session V: Understanding Health and Nutrition Policies</b> Role of policy in the fight against aflatoxins – food safety policies, nutrition policies, health policies, laws, standards and regulations - how to influence change and create enabling environment –  Prof. Amadou Diouf ( <i>Codex Focal Point, Senegal</i> ), Mr. Ernest Aubee ( <i>ECOWAS</i> ), Ms. Brendah Obura ( <i>Kenya Ministry of Health, Food Safety Unit</i> ), Dr. Vincent Assey ( <i>Ministry of Health, Tanzania</i> ), Dr. Sindura Ganapathi ( <i>Global Health, Bill &amp; Melinda Gates Foundation</i> ), Dr. Habiba Hassan-Wassef ( <i>Horizon 2020 Bio NCP, Egypt</i> ), Dr. Amare Ayalew ( <i>PACA-AUC</i> )  <i>Panel discussions</i>	Dr. Akoto Osei ( <i>Social Affairs, AUC</i> )
9:50 – 9:55	<b>Introductions on parallel breakout groups</b>	<i>Jane Badham</i>
9:55 – 11:35	<b>Session VI: Breakout session to develop action plan for mitigating health and nutrition impacts of aflatoxins on the continent</b> <i>Parallel breakout session:</i> Group 1: Actions targeting nutrition: <i>Food processing, food quality and safety</i>	Felistus Mutambi ( <i>GAIN</i> )
	<b>Session VI: Breakout session to develop action plan for mitigating health and nutrition impacts of aflatoxins on the continent</b> <i>Parallel breakout session:</i> Group 2: Health targeted actions: <i>Surveillance and biomonitoring</i>	Dr. Florence Temu ( <i>Amref</i> ) & Mrs. Abigael Obura Awuor ( <i>CDC</i> )
	<b>Session VI: Breakout session to develop action plan for mitigating health and nutrition impacts of aflatoxins on the continent</b> <i>Parallel breakout session:</i> Group 3: Actions targeting occupational exposure/risks and animal health	Dr. Flora Oluwafemi ( <i>FUNAAB</i> )
	<b>Session VI: Breakout session to develop action plan for mitigating health</b>	Dr. David



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	<p><b>and nutrition impacts of aflatoxins on the continent</b></p> <p><i>Parallel breakout session:</i></p> <p>Group 4: Actions towards targeted health and nutrition awareness: <i>Education and medical consultations</i></p>	Githanga (KPA)
	<p><b>Session VI: Breakout session to develop action plan for mitigating health and nutrition impacts of aflatoxins on the continent</b></p> <p><i>Parallel breakout session:</i></p> <p>Group 5: Aflatoxins and health policies</p>	Dr. Habiba Hassan-Wassef (Horizon 2020 Bio NCP)
11:35 – 11:50	<b>Health Break</b>	
11:50 – 13:15	<p><b>Report back and presentations from group discussions</b></p> <p><i>Q&amp;A- Plenary Discussions</i></p>	Jane Badham
13:15 – 14:15	<b>Lunch</b>	
14:15 – 16:00	<p><b>Session VII: Way Forward</b></p> <p><i>Plenary session:</i></p> <ul style="list-style-type: none"> <li>Multi-stakeholder approach towards combating the aflatoxin menace – presentation and endorsement of an action plan/roadmap for mitigating impacts on aflatoxins on nutrition and public health - Dr. Cris Muyunda (PANAAC, Zambia)</li> <li>Building the “Africa Aflatoxin Health and Nutrition Network” – Dr. Chibundu Ezekiel (PACA-AUC)</li> </ul>	Jane Badham
16:00 – 16:15	<b>Health Break</b>	
16:15 – 16:45	<b>Wrap up and closing remarks: GAIN, PACA-AUC and AMREF</b>	Jane Badham