FOOD ALLERGY AND SAFETY ASSESSMENT WORKSHOP

11-12 August 2014

Aberdares Room
Kenyatta International Convention Center
Nairobi Central Business District
Nairobi, Kenya

PROGRAM

Workshop Co-Chairs:
- **Dr. Gregory Ladics** (DuPont Pioneer, USA; HESI PATC Co-Chair)
- **Dr. Scott McClain** (Syngenta Crop Protection, LLC, USA; HESI PATC Co-Chair)
- **Prof. Ronald van Ree** (Academic Medical Center / University of Amsterdam, The Netherlands; HESI PATC Co-Chair)

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**DAY ONE**

*Monday, 11 August 2014, 09:00 – 18:00*

09:00  Welcome
       About the HESI Protein Allergenicity Technical Committee (PATC)
       *Dr. Gregory Ladics (DuPont Pioneer, USA)*

**FOOD ALLERGY**

09:30  Introduction
       *Prof. Ronald Van Ree (Academic Medical Center / University of Amsterdam, The Netherlands)*

Session 1. Food Allergy: Mechanisms, Diagnosis and Epidemiology

Session 1 Chairs:
- **Prof. Ronald van Ree** (Academic Medical Center / University of Amsterdam, The Netherlands; HESI PATC Co-Chair)
- **Prof. Michael Levin** (University of Cape Town School of Child & Adolescent Health, Red Cross Hospital, South Africa)
09:40 What is food allergy?  
Prof. Lars K. Poulsen (Copenhagen University Hospital at Gentofte, Denmark)

10:00 How is food allergy diagnosed?  
Dr. Montserrat Fernández Rivas (Allergy Department, Hospital Clínico San Carlos, Spain)

10:20 BREAK

10:40 Food allergy and different socio-economic backgrounds  
Prof. Maria Yazdanbakhsh (Department of Parasitology, Leiden University Medical Center, The Netherlands)

11:00 Specific mammalian allergens and symptoms of allergic disease: Fel d 1 vs. alpha-gal  
Prof. Adnan Custovic (University of Manchester and University Hospital of South Manchester, United Kingdom)

11:20 Q&A

11:50 LUNCH

Session 2. Food and Respiratory Allergy in Eastern Africa

Session 2 Chair:  
Prof. Peter Schmid-Grendelmeier (University Hospital, Switzerland)

13:00 Asthma and allergy-related disease in Uganda  
Prof. Alison Elliott  
Dr. Harriet Mpairwe  
(Medical Research Council / Uganda Virus Research Institute, Uganda)

13:20 Food and respiratory allergy in Kenya  
Dr. Evans Amukoye (Centre for Respiratory Diseases Research, Kenya Medical Research Institute, Kenya)

13:40 Food and respiratory allergy in Tanzania  
Dr. Nohrasco Mang'ondi (Bugando Medical Centre/CUHAS, Tanzania)

14:00 Q&A

Session 3. Food and Respiratory Allergy in Western Africa

Session 3 Chairs:  
• Prof. Gabrielle Pauli (Strasbourg University, France)
14:30  **Food and respiratory allergy in Ghana**  
*Ms. Abena Amoah (Noguchi Memorial Institute for Medical Research, University of Ghana, Ghana)*

14:50  **Risk factors for food adverse reaction reporting in Lambaréné, Gabon**  
*Dr. Ayola Akim Adegniaka (CERMEL, Hôpital Albert Schweitzer, Gabon)*

15:10  Q&A

15:40  BREAK

**Session 4. Food and Respiratory Allergy in Southern Africa**

**Session 4 Chair:**  
Harris Steinman, MBChB, UCT, DCh, SA, DAvMed (Food and Allergy Consulting and Testing Services (FACTS))

16:00  **Food and respiratory allergy in Zimbabwe**  
*Prof. Elopy Sibanda (Asthma, Allergy & Immune Dysfunction Clinic, Zimbabwe)*

16:20  **Food allergy in South Africa**  
*Prof. Michael Levin (University of Cape Town School of Child & Adolescent Health, Red Cross Hospital, South Africa)*

16:40  Q&A

**Roundtable Discussion**

17:10  **Moderator:**  
*Prof. Ronald van Ree (Academic Medical Center / University of Amsterdam, The Netherlands; HESI PATC Co-Chair)*

**Panelists:**
- Dr. Emmanuel Addo-Yobo (Komfo Anokye Teaching Hospital, University of Science and Technology, Ghana)
- Prof. Adnan Custovic (University of Manchester and University Hospital of South Manchester, United Kingdom)
- Prof. Michael Levin (University of Cape Town School of Child & Adolescent Health, Red Cross Hospital, South Africa)
- Prof. Gabrielle Pauli (Strasbourg University, France)
- Prof. Peter Schmid-Grendelmeier (University Hospital, Switzerland)

18:00  Adjourn Day One
DAY TWO
Tuesday, 12 August 2014, 08:30 – 15:30

AGRICULTURAL BIOTECHNOLOGY SAFETY ASSESSMENT

Chair: Dr. Scott McClain (Syngenta Crop Protection, LLC, USA; HESI PATC Co-Chair)

08:30 Introduction
Dr. Scott McClain (Syngenta Crop Protection, LLC, USA)

08:45 Agricultural biotechnology background in Africa
Dr. Jacoba Adriana (‘Kobie’) de Ronde (Syngenta, South Africa)

09:15 Safety assessment process in support of the regulatory approval of agricultural biotech products
Dr. Laura Privalle (Bayer CropScience, USA)

09:45 Crop composition as part of the GM crop safety assessment
Dr. Philip Brune (Syngenta Crop Protection LLC, USA)

10:15 BREAK

10:45 Molecular/protein characterization of GM products
Dr. Scott McClain (Syngenta Crop Protection, LLC, USA)

11:15 Assessment of potential allergenicity of GM crops
Dr. Gregory Ladics (DuPont Pioneer, USA)

11:45 Assessment of potential toxicity of GM crops
Dr. Gregory Ladics (DuPont Pioneer, USA)

12:15 LUNCH

13:15 Regulatory and safety assessment perspectives for GM food in Kenya
Prof. Theophilus Mutui (National Biosafety Authority, Kenya)
13:45  Regulatory and safety assessment perspectives: South Africa
       Dr. Liezel Michelle Gouws (Biosafety South Africa, South Africa)

Roundtable Discussion

14:15  Moderator:
       Dr. Scott McClain (Syngenta Crop Protection, LLC, USA)

Panelists:
- Dr. Philip Brune (Syngenta Crop Protection LLC, USA)
- Dr. Kobie de Ronde (Syngenta, South Africa)
- Dr. Gregory Ladics (DuPont Pioneer, USA)
- Prof. Theophilus Mutui (National Biosafety Authority, Kenya)
- Dr. Liezel Gouws (Biosafety South Africa)
- Dr. Laura Privalle (Bayer CropScience, USA)

15:15  CLOSING REMARKS
- Prof. Ronald Van Ree (Academic Medical Center / University of Amsterdam, The Netherlands)
- Dr. Scott McClain (Syngenta Crop Protection, LLC, USA)

15:30  ADJOURN WORKSHOP