



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)

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 Adegnika (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. Eloy 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**