



ILSI Health and Environmental
Sciences Institute



ILSI

International Food
Biotechnology
Committee

HESI PATC AND IFBiC BIOTECHNOLOGY UPDATE SYMPOSIUM 2013

7-8 May 2013

Salons 5-6
Renaissance Arlington Capital View Hotel
Arlington, VA

TUESDAY, 7 MAY 2013

8:00 am Continental breakfast

8:30 am Welcome, introductions, meeting objectives
Dr. Gregory Ladics, Dupont Pioneer (HESI PATC Co-Chair)
Dr. Kevin Glenn, Monsanto Company (IFBiC Chair)

8:45 am Overview: HESI Protein Allergenicity Technical Committee (PATC)

- PATC research, workshops, and other activities
Dr. Gregory Ladics, Dupont Pioneer (HESI PATC Co-Chair)
- Rice Omics Project
Dr. Christal Bowman, Bayer CropScience
- Soybean protein characterization methods using MS
Dr. Scott McClain, Syngenta (HESI PATC Co-Chair)
(for Dr. Severin Stevenson, PepPro Analytics, LLC)
- Outreach activities
Dr. Scott McClain, Syngenta (HESI PATC Co-Chair)

10:30 BREAK

10:45 am Overview: ILSI International Food Biotechnology Committee (IFBiC)

- IFBiC research, workshops, and other activities
Dr. Kevin Glenn, Monsanto (IFBiC Chair)
- Crop Composition Workshop
 - *Dr. Angela Hendrickson Culler, Monsanto (ILSI Crop Composition Issues Task Force Co-chair)*
 - *Dr. Phil Brune, Syngenta*
- Transcription factors and RNAi
Dr. Wayne Parrott, University of Georgia
- Intractable Proteins
Dr. Dean Bushey, Bayer CropScience

- Outreach activities
Dr. Ray Shillito, Bayer CropScience

12:30 pm LUNCH AND POSTER SESSION

2:00 pm Interpretation of composition data for feed
Dr. Bill Price, private consultant and retired US FDA

2:20 pm North American government perspectives

- **United States**
 - **Department of Agriculture**
Dr. Andrea F. Huberty, USDA APHIS Biotechnology Regulatory Services
 - **Food and Drug Administration**
Dr. Jeremiah Fasano, US FDA CFSAN
 - **Environmental Protection Agency** (*see Wednesday morning*)
- **Mexico**
 - **Intersecretarial Commission of Biosafety and Genetically Modified Organisms (CIBIOGEM)**
Dr. Reynaldo Ariel Alvarez Morales
- **Canada**
 - **Canadian Food Inspection Agency (CFIA)**
Dr. Jaimie Schnell, Plant and Biotechnology Risk Assessment Unit
 - **Health Canada**
Mr. Jordan Bean, Novel Foods Section, Food Directorate

4:30 pm Group discussion

5:00 pm ADJOURN DAY ONE

6:00 pm – 7:30 pm
RECEPTION FOR ALL PARTICIPANTS
(dinner on your own)

WEDNESDAY, 8 MAY 2013

8:00 am Continental breakfast

8:30 am Welcome

Dr. Gregory Ladics, Dupont Pioneer (HESI PATC Co-Chair)

8:45 am US EPA STAR Grant Program

- Overview
Dr. Cynthia McOliver, US EPA / ORD / NCER
- Predicting the Allergenicity of Proteins with Software Tools in the Structural Data Base of Allergenic Proteins (SDAP)
Dr. Werner Braun (University of Texas Medical Branch)
- Consensus Properties of Allergens Causing Clinically Significant Cross-Reactivity between Peanut and Tree Nut Allergens
Dr. Catherine H. Schein (University of Texas Medical Branch)
- Evaluation of a Mouse Model of Food Allergy for Determination of Oral Elicitation Threshold Doses of Hazelnut
Dr. Venu Gangur (Michigan State University)
- Comparison of Gnotobiotic and Conventional Mice for Predicting the Allergenic Potential of Proteins Introduced into Genetically Engineered Plants
Dr. Joseph Baumert (University of Nebraska-Lincoln)

10:15 am BREAK

10:30 am US EPA STAR Grantee presentations, continued

11:30 am Group Discussion

12:15 pm Summary / Wrap Up

Dr. Gregory Ladics, Dupont Pioneer (HESI PATC Co-Chair)

Dr. Kevin Glenn, Monsanto Company (IFBiC Chair)

12:30 pm ADJOURN SYMPOSIUM