ILSI Health and Environmental Sciences Institute  
Protein Allergenicity Technical Committee  

November 16-17, 2009, Paris Workshop on  
Evaluating Biological Variation in Non-Transgenic Crops  

Radisson Ambassador Paris Opera  
16, boulevard Haussmann, 75009 Paris  
FR – 75009 Paris, France  

FINAL DRAFT PROGRAM  

Monday, November 16, 2009 (Vendôme)  

9:00  Welcome and introduction  
Gregory Ladics, PhD, DABT (DuPont, USA)  

9:10  Gene expression profiling: examples in potato and maize  
Jeroen P. van Dijk, PhD (Wageningen University and Research Centre, The Netherlands)  

9:45  Plant natural variability: a point to consider in the safety assessment process  
Rita Batista, PhD (National Institute of Health, Portugal)  

10:20  Quantitative characterization of plant proteome dynamics  
Dr. Sacha Baginsky (Institute of Plant Sciences, Switzerland)  

10:55  BREAK (Galerie)  

11:30  Evaluating natural variability of soybean proteins by proteomic tools  
Dr. Savithiry S. Natarajan (US Department of Agriculture)  

12:05  2D-PAGE analysis of rice proteins from different cultivars  
Reiko Teshima, PhD (National Institute of Health Sciences, Japan)  

12:20  LUNCH (Mogador / Garnier)  

13:30  Relative and absolute quantitation of ten allergens from twenty commercial soybean accessions using tandem mass spectrometry  
Jay Thelen, PhD (University of Missouri-Columbia, USA)  

14:05  Proteomic analysis of allergens  
Dr. Ana Sancho (Institute of Food Research, United Kingdom)  

14:40  Investigation of endogenous food allergens in soybean - a proteomic approach by 2-dimensional gel electrophoresis analyses  
David Rouquié, PhD (Bayer CropScience)  

15:15  BREAK (Galerie)  

15:45  *The use of metabolomics for evaluating biological variation in non-transgenic crops*
John A. Ryals, PhD (Metabolon, Inc.)

16:20  *Metabolome variability in crop plant species – when, where, how much, and so what?*
Professor Howard Davies (Scottish Crop Research Institute, Scotland)

16:55  *Assessing natural variability in crop composition*
William P. Ridley, PhD (Monsanto Company, USA)

17:30  *Closing remarks; Day One adjournment*
Gregory Ladics, PhD (DuPont, USA)

18:30  *Reception* (Galerie, 6:30 pm – 8:30 pm)

**Tuesday, November 17, 2009** (Vendôme)

9:00  *Opening remarks, Day Two*
Gregory Ladics, PhD (DuPont, USA)

9:10  *Can –omics inform a food safety assessment?*
Professor Bruce M. Chassy (University of Illinois at Urbana-Champaign, USA)

9:45  *Roundtable discussion*

10:45  *BREAK* (Galerie)

11:15  *Roundtable discussion, continued*

12:30  *Closing remarks; workshop adjournment*