



HESI

H E S I

ILSI Health and Environmental Sciences Institute

ASSESSING THE EFFECT OF FOOD PROCESSING ON ALLERGENIC POTENTIAL WORKSHOP

JOINTLY HOSTED BY ILSI HESI, ILSI RESEARCH FOUNDATION,
ILSI IFBiC, AND ILSI EUROPE,

JUNE 19-21, 2006

ESTORIL, PORTUGAL

WORKSHOP PROGRAM

June 20, 2006

Session I: Welcome, Background, and Overview

8:15	Welcome and Introductions	Mr. Karluss Thomas HESI
8:30	Food Processing Review	Dr. Shri Sathe Florida State University

Session II: How Processing Alters Allergens in Food

9:00	Potential Biochemical Properties of Food Allergens; Physical Aspects of Food Processing	Dr. Clare Mills Institute of Food Research
9:35	Chemical and Biochemical Aspects of Food Processing and Its Effect on Allergen Structure and the Food Matrix	Dr. Angelika Paschke University of Hamburg

10:10 Break

10:25	Biophysical Approaches to Assess the Stability of Allergens	Dr. Stef Koppelman HAL Allergy
11:00	Session II Questions and Discussion	

12:00	Lunch	
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Session III: Effects of Processing on Sensitization

1:15	Digestion and Uptake-Physiological Overview	Dr. Simon Murch Warwick Medical School
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1:50	Antigen Presenting Cells and T-Cell Interactions in the GI Tract	Professor Tom MacDonald Institute of Cell and Molecular Science
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2:25 Break

2:40	In Vitro Digestion Methods for Assessing the Effect of Food Structure on Allergen Breakdown	Dr. Martin Wickham Institute of Food Research
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3:15	Utility of Animal Models for Evaluating Allergenicity	Dr. Leon Knippels TNO Quality of Life
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3:50	Session III Questions	
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4:50	Adjourn	
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6:30	Workshop Reception	
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June 21, 2006

8:00	Day 1 Summary / Expectations for Day 2	Dr. Gregory Ladics DuPont
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Session IV: Effects of Processing on Elicitation

8:15	Assessing the Effects of Processing on Clinical Reactivity In Vitro	Dr. Stefan Vieths Paul-Ehrlich-Institut
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8:50	In Vivo	Dr. Barbara Ballmer-Weber Universitätsspital Zürich
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9:25 Break

9:40	Assessing the Effects of Processing on IgE Binding	Dr. Jean-Michel Wal Service de Pharmacologie et Immunologie
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10:15	Utility of Animal Models for Evaluating Hypoallergenicity	Dr. Rodolphe Fritsche Nestlé Research Center
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10:50	Session IV Questions	
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11:50 **Lunch**

Session V: Processing Effects on Bioavailability of Allergens to the Immune System

1:00 How can Effects of Processing be Factored into Hazard Identification and Risk Assessment of Novel Proteins?
What are the potential data gaps? Dr. Geert Houben
TNO Quality of Life

1:35 Impact of Food Processing on Thresholds of Elicitation Dr. Rene Crevel
Unilever

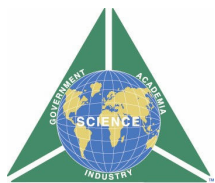
2:10 Session V Questions

2:45 **Break**

3:00 Moderated Group Discussion

5:00 Wrap-up / Next Steps

5:30 Adjourn



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