

ISNFF Short Course Series
International Forum and Practical Short Course on

**Antioxidants: Methodologies, Assessments,
Applications, and Health (Track A)**

**Golden Gateway Holiday Inn, Van Ness Avenue,
San Francisco, CA
October 31 and November 1, 2009**

Final Program

Session Moderators: **Dr. Fereidoon Shahidi** (Memorial University, Canada), **Dr. John Finley** (Louisiana State University, USA) and **Dr. Chi-Tang Ho** (Rutgers University, USA)

Day 1, Saturday, October 31, 2009

- 8:25 Welcome and Opening Remarks
- 8:30 Antioxidants and Oxidation Control: How to Move Towards a Unified Assessment System for Antioxidant Measurement
Dr. Edwin Frankel, UC Davis, USA
- 9:00 Sampling and Extraction of Antioxidants: Critical Issues
Dr. Dave Luthria, USDA, USA
- 9:30 Antioxidant Extraction by Supercritical Fluids
Dr. Jose Martinez, Thar Process, Inc., USA
- 10:00 Polyphenols in Nuts, Cereals, Pastas and Snacks: Unexpected Sources of Antioxidants with Potential Health Properties
Dr. Joseph Vinson, University of Scranton, USA
- 10:30 Nutrition Break & Free Discussion**
- 11:00 Antioxidants from Citrus and Other Agricultural By-Products
Dr. Chi-Tang Ho, Rutgers University, USA
- 11:30 Total Phenolic Antioxidants in Superfruits and Beverages: Determination by a New Chemical Method
Dr. Marjorie Medina, ARS, USDA (USA)

12:00 Anthocyanins from Berries and Other Fruits: Antioxidants and Beyond
Dr. Ron Wrolstad, Oregon State University, USA

12:30-2:00 Lunch Break and Free Discussion

2:00 Lutein and Other Carotenoid Antioxidants
Dr. Rong Cao (Tsao), Agriculture and Agri-Food Canada, Canada

2:30 Antihypertensive Effects of Phenolic Antioxidants
Dr. Zhen-Yu Chen, The Chinese University of Hong Kong, China

3:00 Antioxidants and Metabolic Syndrome
Dr. Debasis Bagchi, InterHealth USA, USA

3:30 Nutrition Break & Free Discussion

4:00 Antioxidants from Spices and Herbal Products in Cancer Chemoprevention
Dr. Young-Joon Surh, Seoul National University, Korea

4:30 How to Commercialize Novel Antioxidant Formulations
Dr. William Franke, Rutgers University, USA

5:00 Antioxidants in Health and Inflammatory and Cardiovascular Diseases
Dr. John Finley, Louisiana State University, USA

Day 2 – Sunday, November 1, 2009

8:30 Antioxidants Revisited
Dr. Lester Packer, University of Southern California, USA

9:00 Antioxidants and the ORAC Scale
Dr. Ron Prior, USDA, USA

9:30 Antioxidant Measurements: *In vitro* Assays and Harmonization Challenges
Dr. Darryl Sullivan and **Dr. Wayne Ellefson**, Covance, USA

10:00-10:30 Nutrition Break & Free Discussion

10:30 Assessment of Antioxidants in Cell Lines and *in vivo*
Dr. Rui-Hai Liu, Cornell University, USA

- 11:00 Pitfalls in Measuring Antioxidant Activity
Dr. Karen Schaich, Rutgers University, USA
- 11:30 Polyphenolic Antioxidants: Absorption and Metabolism
Dr. Paul Kroon, Norwich Institute of Health, UK
- 12:00 Clinician- and Consumers-Relevant Clinical Trials with Antioxidants: A How to Primer
Mr. Anthony Almada, IMAGINutrition, USA
- 12:30-2:00 Lunch Break and Free Discussion**
- 2:00 Free Radical Quenching by Antioxidants
Dr. Mogens L. Andersen, University of Copenhagen, Denmark
- 2:30 Antioxidants from Alcoholic and Non-Alcoholic Beverages
Dr. Andrew Waterhouse, UC Davis, USA (TBC)
- 3:00 Effect of Polyphenols on Selected Markers of Vascular Health and Oxidant Defense
Dr. Robert M. Hackman, University of California/Davis, USA
- 3:30 Antioxidants in Cognition and Mental Health
Dr. James Joseph, Tufts University and USDA, USA
- 4:00 Substantiation for Antioxidants Dietary Supplements: the Problem of Bioequivalency
Marilyn Barrett, Pharmacognosy Consulting, USA
- 4:30 Concluding Remarks**

Disclaimer: Speakers and the time of presentation might be Adjusted, if necessary

