

SYMPOSIUM SCHEDULE

DAY 1: Monday, June 11

Registration - 8:00 am (Gallery, LaSells Stewart Center)

Presentations - 8:30 am - 5:00 pm (Austin Auditorium, LaSells Stewart Center)

ANTHOCYANINS AND HEALTH:

Moderator: Balz Frei

- 8:30 – 9:15** **Michael Lefevre - Pennington Biomedical Research Center**
“The Effects of Anthocyanins on Gene Regulation and Energy Metabolism”
- 9:15 – 10:00** **Tony K. McGhie - The Horticulture and Food Research Institute of New Zealand**
“The In Vitro and In Vivo Antioxidant Properties of Berry Fruit”

CARDIOVASCULAR DISEASE:

Moderator: Balz Frei

- 10:00 – 10:45** **Giuseppe (Joe) Mazza - Agriculture and Agri-Food Canada**
“Anthocyanins and Heart Health”
- 10:45 – 11:00** **Break - Gallery, LaSells Stewart Center**
- 11:00 – 11:45** **Raika Koli - Biomarker Laboratory, National Public Health Institute (KTL), Finland**
“The Health Effects of Berry Consumption in Subjects at Risk for Cardiovascular Disease”
- 11:45 – 12:30** **Jess D. Reed – University of Wisconsin, Madison**
“Cranberry Proanthocyanidins and Cardiovascular Health”
- 12:30 – 1:30** **Lunch - Ballroom, CH2M HILL Alumni Center**

OBESITY:

Moderator: Robert Martine

- 1:30 – 2:15** **Takanori Tsuda - Chubu University, Japan**
“Regulation of Adipocyte Function by Anthocyanins; Possibility of Preventing the Metabolic Syndrome”
- 2:15 – 3:00** **Ronald L. Prior - USDA-ARS, Arkansas Children’s Nutrition Center, University of Arkansas**
“Anthocyanin Absorption, Metabolism and Obesity”

CANCER:

Moderator: Robert Martine

- 3:00 – 3:45** **Gary Stoner - Ohio State University**
“Prevention of Gastrointestinal Tract Cancers With Berries”
- 3:45 – 4:00** **Break - Gallery, LaSells Stewart Center**
- 4:00 – 4:45** **Laura Kresty - Ohio State University**
“A Cranberry Extract Modulates Apoptosis, Cell Cycle and MAPK Pathways in Human Esophageal Cancer Cells”

SYMPOSIUM SCHEDULE

7:00 **Keynote Dinner - Ballroom, CH2M Alumni Center**
Dr. David Heber – UCLA
“What Color is Your Berry?”
Moderator: Ron Wrolstad

Dr. David Heber, Director of the UCLA Center for Human Nutrition at the University of California, Los Angeles and author of “What Color is Your Diet?” and the “L.A. Shape Diet” will present the Keynote Address - *“What Color Is Your Berry? The Rainbow of Berry Health”*

Blueberries, Raspberries, Blackberries, Strawberries, Cranberries and other lesser known berries make unique contributions to our health. The presentation will focus on how we move into the modern era of agriculture and nutrigenomics and take advantage of these sources of phytonutrients to stem the global epidemics of obesity and chronic disease.

DAY 2: Tuesday, June 12

Presentations - 9 am -5:00 pm (Austin Auditorium, LaSells Stewart Center)

BERRIES AND PERFORMANCE:

Moderator: Bob McGorin

- 9:00 – 9:45** **Mary Ann Lila - University of Illinois**
“Dietary Berries and Performance Enhancement”
- 9:45 – 10:30** **Wilhelmina Kalt - Agriculture and Agri-Food Canada**
“Distribution of Anthocyanins in Body Tissues After Long-Term Blueberry Feeding”
- 10:30 – 10:45** **Break - Gallery, LaSells Stewart Center**
- 10:45 – 11:30** **James A. Joseph – USDA Human Nutrition Research Center on Aging, Tufts University**
“The Beneficial Effects of Berry Fruit on Behavioral and Neuronal Aging: Beyond Antioxidants”

PROCESSING EFFECTS:

Moderator: Bob McGorin

- 11:30 – 12:15** **Luke Howard - University of Arkansas**
“Processing Effects on Berry Polyphenolics”
- 12:30 – 1:30** **Lunch - Ballroom, CH2M HILL Alumni Center**

BERRY PHENOLICS: COMPOSITION AND HEALTH EFFECTS

Moderator: Bob McGorin

- 1:30 – 2:15** **Riitta Puupponen Pimiä - VTT Biotechnology, Finland**
“Therapeutically Active Berry Compounds - In Vitro and In Vivo Effects on Human Health”

SYMPOSIUM SCHEDULE

- 2:15 – 3:00** **Navindra Seeram - UCLA**
“Bioavailability and Bioactivity of Strawberry Phytochemicals in Animals and Human Subjects”
- 3:00 – 3:15** **Break - Gallery, LaSells Stewart Center**
- 3:15 – 4:00** **Maurizio Battino - Università Politecnica delle Marche, Italy**
“Characterization of Biologically Active Compounds and Commercial Fruit Quality in Different Strawberry Genotypes: A Study on Antioxidant Capacity of Bioactive Compounds and Their Role In Vitro and In Vivo”
- 4:00 – 4:45** **Alan Crozier - University of Glasgow, Scotland**
“Berry Phenolics and Their Fate Within the Body After Ingestion”
- 5:30 – 6:30** **Vines and Wines Tour - LaSells Stewart Center**
7:00 – 10:00 \$45 per person, pre-registration required. Includes: guided tour, transportation, and BBQ dinner.

Tours depart from LaSells Stewart Center promptly at 5:30. Tour time is approximately 1-hour.

Dinner begins at 7:00pm at the LaSells Stewart Center.