Program Draft

Program Committee

John Erdman, PhD, University of Illinois at Urbana-Champaign (Chair)
Robert S. Chapkin, PhD, Texas A&M University
Steven K. Clinton, MD, PhD, The Ohio State University
Christine Friedenreich, PhD, Alberta Health Services-Cancer Care
Stephen D. Hursting, PhD, MPH, University of Texas at Austin
Susan T. Mayne, PhD, Yale University School of Medicine
John A. Milner, PhD, National Cancer Institute
Cheryl Rock, PhD, RD, University of California at San Diego
June Stevens, PhD, University of North Carolina at Chapel Hill

Note: Session and talk titles are tentative. Check back regularly for updates.

WEDNESDAY, NOVEMBER 2

5:00pm-7:00pm  Registration and Welcome Reception

THURSDAY, NOVEMBER 3

8:30am  Opening Plenary—Types of Evidence
Co-chairs: Steven Clinton, MD, PhD, & Susan Mayne, PhD

Introduction –Steven Clinton, MD, PhD, & Susan Mayne, PhD

1. Diet and cancer: the role of observational studies
   Ed Giovannucci, MD, ScD, Harvard School of Public Health

2. Diet and cancer: the role of clinical trials
   JoAnn Manson, MD, DrPH, Brigham and Women’s Hospital

3. Diet and cancer: the role of animal and translational studies
   Stephen Hursting, PhD, MPH, University of Texas at Austin

4. Tying it all together
   Susan Mayne, PhD, Yale University

5. Panel discussion
12:00pm  
**Lunch and Roundtable Discussions**

1:30pm  
**Split Session A—Emerging Topics in Diet and Cancer Research**  
Co-chairs: Robert Chapkin, PhD, & Stephen Hursting, PhD, MPH  

1. Molecular mechanisms and physiologic functions of n-3 fatty acids: new insights  
   Robert Chapkin, PhD, Texas A & M University  

2. Clinical and translational studies of the anti-colorectal cancer activity of EPA  
   Mark Hull, PhD, FRCP, University of Leeds  

3. Mimicking the effects of calorie restriction through targeting mTORC1 and other signaling pathways  
   John DiGiovanni, PhD, University of Texas at Austin  

4. New technologies and analytic techniques for dietary assessment  
   Amy Subar, PhD, MPH, RD, National Cancer Institute  

5. Panel discussion  

1:30 pm  
**Split Session B—Cancer Treatment & Survivorship**  
Co-chairs: Cheryl Rock, PhD, RD, & John Milner, PhD  

1. The impact of nutrition intervention in cancer cachexia  
   Carla Prado, PhD, National Institutes of Health  

2. Micronutrient status and the nervous system in cancer: a balance between feeding the host and starving the tumor  
   Ralph Green, MD, PhD, FRCPath, University of California, Davis  

3. Soy and cancer: evidence from animal studies  
   Leena Hilakivi-Clarke, PhD, Georgetown University  

4. Soy food consumption and breast cancer recurrence and prognosis  
   Bette Caan, DrPH, Kaiser Permanente Division of Research  

5. Panel discussion  

5:00pm  
**Poster Session I**
FRIDAY, NOVEMBER 4

7:00am  Breakfast Session— The WCRF/AICR Continuous Update Project
Speakers: Rachel Thompson, PhD, & Martin Wiseman, FRCP, FRCPath, World Cancer Research Fund International

8:30am  Split Session C—Cancer Stem Cells
Co-chairs: John Milner, PhD, & Young Kim, PhD

1. Normal stem cells vs. cancer stem cells: an overview
   Max Wicha, MD, University of Michigan

2. Diet controls normal and tumorous germline stem cells in Drosophila
   Daniela Drummond-Barbosa, PhD, Johns Hopkins University

3. The prostate stem cell as a target for prevention and treatment: vitamin D induced differentiation
   Scott Cramer, PhD, University of Colorado, Denver

4. EGCG and skin cancer stem cells
   Richard Eckert, PhD, University of Maryland

5. Stem cells and dietary cancer prevention
   Shrikant Anant, PhD, The University of Kansas

8:30am  Split Session D—Sedentary Behavior and Physical Activity
Co-chairs: Christine Friedenreich, PhD, & June Stevens, PhD

1. Physical activity in cancer prevention and survival:
   epidemiologic evidence and biologic mechanisms
   Christine Friedenreich, PhD, Alberta Health Services-Cancer Care

2. Role of exercise in cancer rehabilitation and survival
   Lee Jones, PhD, Duke University

3. Sedentary behavior: definitions and distinctions for cancer prevention research
   Neville Owen, PhD, Baker IDI Heart and Diabetes Institute
4. Biologic mechanisms involved in the association between sedentary behavior and cancer
   Charles Matthews, PhD, National Cancer Institute

5. Panel discussion

12:00pm

**Lunch and Poster Session II**

1:30pm

**Closing Plenary — Vitamin D and Cancer**
Co-chairs: Steven Clinton, MD, PhD, & Susan Mayne, PhD

1. Vitamin D and cancer – an overview
   Susan Mayne, PhD, Yale University

2. Vitamin D and cancer - observational epidemiology
   Demetrius Albanes, MD, National Cancer Institute

3. Cellular and molecular actions of vitamin D on cancer cells
   Glenville Jones, PhD, Queen’s University

4. Vitamin D and cancer – experimental models
   James Fleet, PhD, Purdue University

5. Vitamin D and cancer – summary and future needs
   Steven Clinton, MD, PhD, The Ohio State University

4:30 pm

**Conference ends**