All sessions eligible for CME credit unless otherwise noted.

**Sunday, November 7, 2010**

10:00 a.m.-11:30 a.m.  Educational Sessions 1-2

Metabolomics: An Emerging Tool for Defining Complex Biological Systems in Health
Chairperson: Steven S. Gross, Room 201C, p. 26

Trends in Molecular Epidemiology Research
Chairperson: Gloria M. Petersen, Room 201B, p. 26

11:30 a.m.-1:00 p.m.  Professional Advancement Series Session*

Professional Advancement Series Session for Young Investigators
Chairperson: Margaret R. Spitz, Room 201A, p. 27

1:00 p.m.-2:30 p.m.  Educational Sessions 3-4

Epigenetics
Chairperson: Ari M. Melnick, Room 201C, p. 28

Team Science and Transdisciplinary Approaches to Cancer Prevention Research Within and Across Institutions
Chairperson: Sarah Gehlert, Room 201B, p. 28

2:45 p.m.-4:15 p.m.  Educational Sessions 5-6

Clinical Trial Novel Design: Retooling Drugs for Prevention
Chairperson: Andrea U. DeCensi, Room 201C, p. 29

The Indigenous Gut Microbiota in Colon Cancer
Chairperson: Vincent B. Young, Room 201B, p. 29

4:30 p.m.-5:15 p.m.  Special Session

View from the NCI
Chairpersons: Peter Greenwald and Robert T. Croyle, Room 201A, p. 30

**Monday, November 8, 2010**

6:00 p.m.-7:30 p.m.  Opening Plenary Session
Ballroom A, p. 31

Welcome and Remarks
Margaret Foti and Eva Szabo

Keynote Address
Telomere biology and cancer
Elizabeth H. Blackburn

Distinguished Lecture on Targets for Cancer Prevention
Inflammation and cancer: Interweaving microRNA, innate immune, and p53 pathways
Curtis C. Harris

7:30 p.m.-9:00 p.m.  Opening Reception
Grand Hall

8:30 a.m.-10:00 a.m.  Plenary Session 1

Personalized Prevention
Chairperson: Scott M. Lippman, Ballroom A, p. 32

10:15 a.m.-12:00 p.m.  Concurrent Sessions 1-3

Infections
Chairperson: Douglas R. Lowy, Room 201C, p. 33

Recently Completed Developmental Clinical Trials in Chemoprevention
Chairperson: Howard H. Bailey, Room 201B, p. 33

Interventions to Reduce Cancer Health Disparities
Chairperson: Electra D. Paskett, Room 201A, p. 34

*not eligible for CME credit*
1:15 p.m.-3:00 p.m.  Concurrent Sessions 4-6

Molecular Targets for Cancer Prevention
Chairperson: Eva Szabo, Room 201C, p. 35

Prostate Cancer
Chairperson: Raymond C. Bergan, Room 201B, p. 35

Individualized Diet and Cancer Prevention
Chairperson: Johanna W. Lampe, Room 201A, p. 36

3:15 p.m.-5:15 p.m.  Plenary Session 2

New Approaches to Identifying High-Risk Populations
Chairperson: Avrum E. Spira, Ballroom A, p. 37

5:15 p.m.-6:15 p.m.  AACR-Prevent Cancer Foundation Award Lecture

Validating Biomarkers to Probe the Etiology and Prevention of Hepatocellular Carcinoma
John D. Groopman, Ballroom A, p. 38

6:00 p.m.-7:30 p.m.  Behavioral Science in Cancer Research Networking Event*
Chairperson: Michael E. Stefanek, Room 204A, p. 19

6:15 p.m.-8:45 p.m.  Poster Session A*
Ballroom B, p. 39

Carcinogenesis
Carcinogen Activation and Carcinogen-detoxifying Enzymes
DNA Damage and Repair Mechanisms
Environmental and Radiation Carcinogenesis
Tumor Promotion and Progression

Cell, Molecular, and Tumor Biology
Angiogenesis and Invasion
Autophagy
Cancer Genetics/Gene Expression
Cell Death
Cell Growth Signaling Pathways

DNA Methylation/Epigenetics and Chromatin Regulation
Gene Regulation and Transcriptional Control
Inflammation and Cancer Initiation and Promotion
Oncogenes/Tumor Suppressor Genes
Other

Chemoprevention and Biological Therapies
Cancer Prevention Vaccines
Mechanisms of Chemoprevention
Natural Product-based Agents
New Molecular Targets/Mechanisms of Drug Action
Nuclear Receptors
Proteomics, Chemogenomics, and Cheminformatics
Other

Clinical Prevention Trials (by Organ Site)
Breast Cancer
Colon and Other Gastrointestinal Cancers
Lung Cancer
Melanoma and Skin Cancer
Pancreatic Cancer
Prostate and Other Genitourinary Tract Cancers
Trials in Progress: Clinical Intervention Trials

Epidemiology/Lifestyle Factors
Behavioral Epidemiology
Cancer in Aging Populations
Cancer in Minority and Medically Underserved Populations
Diet and Cancer

Preclinical and Translational Prevention Studies
(by Organ Site)
Breast Cancer
Colon and Other Gastrointestinal Cancers
Head and Neck Cancers
Lung Cancer
Ovarian and Other Gynecological Cancers
Prostate and Other Genitourinary Tract Cancers
Other Organ Sites

Biomarkers and Early Detection Research
Biomarkers of Cancer Susceptibility/Biomarkers of Premalignant Lesions

*not eligible for CME credit

Program and Proceedings • November 7-10, 2010 • Philadelphia, PA
Conference Program and Schedule At-A-Glance

All sessions eligible for CME credit unless otherwise noted.

Tuesday, November 9, 2010

7:00 a.m.-8:00 a.m. Special Session
Report on AACR-NCI Think Tank: Charting the Future of Cancer Prevention
Chairperson: Raymond N. DuBois, Ballroom A, p. 46

8:00 a.m.-10:00 a.m. Plenary Session 3
Bioenergetics and Cancer
Chairpersons: John A. Milner and Sharon Ross, Ballroom A, p. 47

10:15 a.m.-12:00 p.m. Concurrent Sessions 7 and 9
Lung Cancer Prevention
Chairperson: Jenny T. Mao, Room 201C, p. 48
Molecular Approaches to Early Detection
Chairperson: Samir M. Hanash, Room 201A, p. 50

10:15 a.m.-12:15 p.m. Concurrent Session 8
The Karen A. Johnson Memorial Session
Novel Targets and Strategies for Breast Cancer Prevention
Chairperson: Powel H. Brown, Room 201B, p. 48

1:15 p.m.-3:00 p.m. Concurrent Sessions 10-12
The Microenvironment
Chairperson: Thea D. Tlsty, Room 201C, p. 51
Advances in the Genetics, Screening, and Prevention of Cancers in Cancer Susceptibility Syndromes
Chairperson: Katherine L. Nathanson, Room 201B, p. 51
Inflammation and Cancer Prevention
Chairperson: Andrew J. Dannenberg, Room 201A, p. 52

3:15 p.m.-5:15 p.m. Plenary Session 4
Understanding Neoplastic Progression: Questions and Controversies
Chairperson: Carlo C. Maley, Ballroom A, p. 53

5:15 p.m.-7:45 p.m. Poster Session B*
Behaviors and Social Science
Decision Making
Diet, Physical Activity, and Energy Balance
Genetic Testing and Counseling
Health Disparities
Prevention Behaviors
Quality of Life/Late Effects/Survivorship
Recruitment/Retention/Adherence Research
Screening and Early Detection
Socioeconomic Influences
Tobacco
Biomarkers and Early Detection Research
Bioinformatics and “Omics”
Biomarkers of Cancer Susceptibility
Biomarkers of Carcinogen Exposure
Biomarkers of Premalignant Lesions
Cancer Surveillance and Screening
Molecular Diagnostics
Novel Assay Technologies
Other

*not eligible for CME credit
**Conference Program and Schedule At-A-Glance**

All sessions eligible for CME credit unless otherwise noted.

**Chemoprevention and Biological Therapies**
- Anti-inflammatory Therapy
- Biological Agents
- Combination Chemoprevention
- Drug Design and Optimization
- Foods and Their Bioactive Components

**Epidemiology/Lifestyle Factors**
- Exercise and Prevention
- Familial and Genetic Epidemiology
- General Epidemiology and Biostatistics
- Obesity, Metabolism, and Cancer
- Tobacco and Cancer
- Other Molecular Epidemiology
- Other Risk Factors
- Other

7:30 p.m.-9:00 p.m. MEG Town Meeting and Reception*

**Launching and Sustaining Collaborative Molecular Epidemiology Research**
**Moderator: Sophia S. Wang**

Panel discussion and networking, Room 204C, p. 60

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**Wednesday, November 10, 2010**

8:00 a.m.-10:00 a.m. Plenary Session 5

**Bringing Prevention and Early Detection to the Public: A Global Perspective**
**Chairperson: Michael J. Thun**, Ballroom A, p. 61

10:15 a.m.-12:00 p.m. Concurrent Sessions 13-15

**Molecularly Based Approaches to Colorectal Cancer Prevention**
**Chairperson: Paul J. Limburg**, Room 201C, p. 62

**Head and Neck Cancer Prevention**
**Chairperson: Mary E. Reid**, Room 201B, p. 62

**Communicating Cancer Risks: High-Risk Populations, the Public, and Physician Communication**
**Chairperson: Mary B. Daly**, Room 201A, p. 63

*not eligible for CME credit