

Conference Program and Schedule

Sunday, March 7, 2010

12:00 p.m.-2:00 p.m. Concurrent Educational Workshops 1

Session 1A: Grant Writing and International Funding Sources

Dead Sea 1 & 2

Chairperson: Geoffrey M. Wahl, Salk Institute Cancer Center, La Jolla, CA, USA

Do's and don'ts of grant writing
Geoffrey M. Wahl

The craft of grantsmanship: "Writing stories that sell the science"

Carol Winkelman, Science Writer, Chapel Hill, NC, USA

Additional Speaker to be announced

Session 1B: Comprehensive Cancer Centers: Importance, Impact, and Implementation

Mount Nebo 1 & 2

Chairperson: Jean-Pierre Armand, Institut Claudius Regaud, Toulouse, France

Searching for new drugs: The foxes and the mammoths

Jean-Pierre Armand

Translational research: A critical mission of a comprehensive cancer center - the example of vitamin D

Donald L. Trump, Roswell Park Cancer Institute, Buffalo, NY

Comprehensive cancer centers and their role in the development of personalized medicine

William S. Dalton, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL, USA

2:15 p.m.-4:15 p.m. Concurrent Educational Workshops 2

Session 2A: Clinical Research and Clinical Trial Design

Mount Nebo 1 & 2

Chairperson: Martine J. Piccart-Gebhart, Institut Jules Bordet, Brussels, Belgium

Incorporation of translational science into clinical trials: The NEO-BIG initiative

Martine J. Piccart-Gebhart

Integrating biomarkers in clinical research: Statistical considerations

Marc E. Buyse, International Drug Development Institute, Ottignies, Belgium

Biomarker-driven drug development: From dream to reality

Mace L. Rothenberg, Pfizer, Inc., San Diego, CA, USA

Finding the positive in triple negative breast cancer

Lisa A. Carey, University of North Carolina, Chapel Hill, NC, USA

Session 2B: Scientific Writing and the Publication Process

Dead Sea 1 & 2

Chairperson: Tom Curran, Children's Hospital of Philadelphia, Philadelphia, PA, USA

Research grant writing: Process, ethics, and confidentiality

Yousef M. Rustum, Roswell Park Cancer Institute, Buffalo, NY, USA

Dealing with the necessary evils: Editors and reviewers

Tom Curran

Increasing your chances for publication in top journals

Margaret Foti, American Association for Cancer Research, Philadelphia, PA

Publishing: The key to immortality

Joe B. Harford, National Cancer Institute, Bethesda, MD, USA

4:30 p.m.-6:30 p.m. Concurrent Educational Workshops 3

Session 3A: Politics and Ethics of Cancer Research

Mount Nebo 1 & 2

Chairperson: William S. Dalton, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL, USA

Are there universal elements in navigating the political environment to improve the climate for cancer research?

William S. Dalton

Title to be announced

Deborah Schrag, Dana-Farber Cancer Institute, Boston, MA, USA

Additional Speakers to be announced

Session 3B: New Technologies

Dead Sea 1 & 2

Chairperson: Joe W. Gray, Lawrence Berkeley National Laboratory, Berkeley, CA, USA

Title to be announced

Jan T. Liphardt, University of California - Berkeley, Berkeley, CA, USA

New technologies for early cancer detection

Joe W. Gray

Methylome analysis of breast cancer progression

Saraswati Sukumar, Johns Hopkins University School of Medicine, Baltimore, MD, USA

7:00 p.m.-8:30 p.m. Opening Session

Dead Sea 1 & 2

Chairperson: Samir N. Khleif, National Cancer Institute, Bethesda, MD, USA

Speakers to be announced

8:30 p.m.-10:00 p.m. Opening Reception

Terrace

Monday, March 8, 2010

9:00 a.m.-11:00 a.m. Scientific Workshop 1: Signal Transduction Pathways

Dead Sea 1 & 2

Chairperson: Pier Paolo Pandolfi, Beth Israel Deaconess Medical Center, Boston, MA, USA

Title to be announced

Pier Paolo Pandolfi

The role of PI3K pathway in the regulation of the immune system

Samir N. Khleif, National Cancer Institute, Bethesda, MD, USA

Multiple approaches to targeting the PI3K pathway in cancer

Lori S. Friedman, Genentech, Inc., South San Francisco, CA, USA

Role of ERBB3/PI3K in mammary oncogenesis and resistance to targeted therapies

Carlos Arteaga, Vanderbilt-Ingram Cancer Center, Nashville, TN, USA

**11:30 a.m.-1:30 p.m. Scientific Symposium 1:
Tumor Microenvironment
and Genomics**

Dead Sea 1 & 2

Chairperson: Thea D. Tlsty, University of California School of Medicine, San Francisco, CA, USA

3-D spheroid cultures as model systems for novel anticancer drug discovery

Kristiina Vuori, Burnham Institute for Medical Research, La Jolla, CA, USA

The tumor microenvironment as target for cancer therapy and prevention: A role for anti-inflammatory antiangiogenic molecules

Adriana Albini, Polo Scientifico e Tecnologico, IRCCS Multimedica, Milan, Italy

TGF β -1-mediated modulation of the DNA damage response in human mammary cells

Beverly M. Emerson, Salk Institute for Biological Studies, La Jolla, CA, USA

Molecular alterations that predict malignancy

Thea D. Tlsty

3:30 p.m.-4:30 p.m. Career Development Roundtables Session

**4:30 p.m.-6:30 p.m. Scientific Symposium 2:
Cancer Prevention
and Epidemiology**

Dead Sea 1 & 2

Chairperson: Christopher P. Wild, International Agency for Research on Cancer, Lyon, France

Biomarkers in cancer prevention

Christopher P. Wild

Epidemiology in cervical cancer prevention

Mahboobeh Safaeian, National Institutes of Health, Division of Cancer Epidemiology and Genetics, Bethesda, MD, USA

Translating cancer prevention strategies to clinics and communities

Karen Glanz, University of Pennsylvania, Philadelphia, PA, USA

**1:30 p.m.-3:30 p.m. Poster Session A
and Lunch**

Wadi Rum 1 & 2

**3:00 p.m.-3:30 p.m. Meet-the-Expert
Professional
Advancement
Sessions**

Tuesday, March 9, 2010**9:00 a.m.-11:00 a.m. Scientific Workshop 2:
Pharmacogenomics**

Dead Sea 1 & 2

Chairperson: Jeffrey M. Trent, Translational Genomics
Research Institute, Phoenix, AZ, USA**Using biointelligence as a tool for reducing
dimensionality and prioritizing genetic determinants
of drug response**

Jeffrey M. Trent

**Recent discoveries in neuroblastoma genetics provide
translational opportunities**John M. Maris, Children's Hospital of Philadelphia,
Philadelphia, PA, USA**Sage: Together building probabilistic causal disease
models via an open access contributor network**

Stephen H. Friend, Sage Bionetworks, Seattle, WA, USA

Using the genome to guide clinical cancer careHoward L. McLeod, University of North Carolina,
Chapel Hill, NC, USA**11:30 a.m.-1:30 p.m. Scientific Symposium 3:
Novel Therapeutics**

Dead Sea 1 & 2

Chairperson: Tom Curran, Children's Hospital of
Philadelphia, Philadelphia, PA, USA**Use of mouse models in preclinical studies of
children's brain tumors**

Tom Curran

Targeting the hedgehog pathway in cancerFrederic J. de Sauvage, Genentech, Inc., South
San Francisco, CA, USA**Oncogenomics as basis for cancer therapy development**Axel Ullrich, Max Planck Institute of Biochemistry,
Martinsried, Germany**Targeting intrinsic subtypes in breast cancer**Lisa A. Carey, University of North Carolina, Chapel Hill, NC,
USA**1:30 p.m.-2:30 p.m. Lunch**

Terrace

2:30 p.m.-4:15 p.m. Proffered Talks Session

Dead Sea 1 & 2

Speakers to be announced**4:30 p.m.-6:30 p.m. Scientific Workshop 3:
Non-Coding RNAs and
Tumor Biology**

Dead Sea 1 & 2

Chairperson: George A. Calin, UT M. D. Anderson Cancer
Center, Houston, TX, USA**Non-coding RNAs for medical practice**

George A. Calin

Pinning down microRNA target sites in animalsAmy E. Pasquinelli, University of California, San Diego,
La Jolla, CA, USA**Causes and consequences of microRNA dysregulation
in cancer**Carlo M. Croce, Ohio State University Comprehensive Cancer
Center, Columbus, OH, USA

Wednesday, March 10, 2010

**9:00 a.m.-11:00 a.m. Scientific Workshop 4:
Biomarkers and
Molecular Imaging
for Early Detection
and Response**

Dead Sea 1 & 2

Chairperson: Sanjiv Sam Gambhir, Stanford University,
Stanford, CA, USA

**Novel strategies for earlier cancer detection using
nanotechnology**

Sanjiv Sam Gambhir

**Genetic strategies for combined blood-based
screening and imaging**

Kurt R. Zinn, University of Alabama, Birmingham, AL, USA

**Tumor pH and hypoxia as metabolic targets for
anticancer therapy**

Robert J. Gillies, H. Lee Moffitt Cancer Center and Research
Institute, Tampa, FL, USA

Advances in molecular imaging of cancer

Juri G. Gelovani, UT M. D. Anderson Cancer Center,
Houston, TX, USA

**11:30 a.m.-1:30 p.m. Scientific Symposium 4:
Cancer Stem Cells**

Dead Sea 1 & 2

Chairperson: William S. Dalton, H. Lee Moffitt Cancer
Center and Research Institute, Tampa, FL, USA

**Dissecting mammosgenesis to facilitate identification,
isolation and characterization of mammary stem cells**

Geoffrey M. Wahl, Salk Institute Cancer Center, La Jolla, CA,
USA

Normal and chronic myeloid leukemia stem cells

Connie J. Eaves, Terry Fox Laboratory, BC Cancer Research
Centre, Vancouver, BC, Canada

**Therapeutic targeting of breast cancer tumor
initiating cells**

Jeffrey M. Rosen, Baylor College of Medicine, Houston, TX,
USA

**1:30 p.m.-3:30 p.m. Poster Session B and
Lunch**

Wadi Rum 1 & 2

**3:00p.m.-3:30 p.m. Meet-the-Expert
Professional
Advancement
Sessions**

**3:30 p.m.-6:00 p.m. Scientific Symposium 5:
Cultural Considerations
in Cancer Research and
Treatment**

Dead Sea 1 & 2

Chairperson: Samir N. Khleif, National Cancer Institute,
Bethesda, MD, USA

Melanoma: New insights, new biomarkers

Alexander M. M. Eggermont, Erasmus Medical Center,
Rotterdam, The Netherlands

Cancer research in Asia: Challenges and opportunities

John E.L. Wong, The Yong Loo Lin School of Medicine,
Singapore

Title to be announced

Serigne M. Gueye, University Cheikh Anta Diop, Dakar-Etoile,
Senegal

6:00 p.m.-7:00 p.m. Public Reception

Terrace

**7:00 p.m.-10:00 p.m. Conference
Closing Dinner**

Jordan Valley Marriott
Resort and Spa