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
Youcef 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
Conference Program and Schedule

Sunday, March 7, 2010

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

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

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

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

- TGFβ-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 care
Howard L. McLeod, 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 animals
Amy 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

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 cancer
Frederic J. de Sauvage, Genentech, Inc., South San Francisco, CA, USA

Onco genomics 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
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 mammogenesis 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

3:00 p.m.-3:30 p.m. Meet-the-Expert Professional Advancement Sessions
Conference Program and Schedule

Wednesday, March 10, 2010

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