Tumor Immunology: Basic and Clinical Advances
In conjunction with the Cancer Immunology Working Group of the AACR
November 30-December 3, 2010
Eden Roc Renaissance Beach Resort and Spa, Miami, Florida

Chairpersons:
Olivera J. Finn, University of Pittsburgh School of Medicine, Pittsburgh, PA
Dmitry I. Gabrilovich, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL
Elizabeth M. Jaffee, Johns Hopkins Kimmel Comprehensive Cancer Center, Baltimore, MD

TUESDAY, NOVEMBER 30

5:00 p.m.-9:00 p.m.  REGISTRATION
7:10 p.m.-9:00 p.m.  SESSION 1:
                      KEYNOTE ADDRESSES

Wrestling with melanoma
David Baltimore, California Institute of Technology, Pasadena, CA

Cancer stem cells and the development of high-grade malignancy
Robert A. Weinberg, MIT Whitehead Institute for Biomedical Research, Cambridge, MA

9:00 p.m.-10:30 p.m.  DESSERT RECEPTION

WEDNESDAY, DECEMBER 1
THEME: TUMOR MICROENVIRONMENT

8:30 a.m.-10:30 a.m.  SESSION 2:
PREMALIGNANT LESIONS AND PREVENTION
Session Chairperson: Olivera J. Finn, University of Pittsburgh School of Medicine, Pittsburgh, PA

TGF-β: A master regulator of the tumor microenvironment
Harold L. Moses, Vanderbilt-Ingram Cancer Center, Nashville, TN

Title to be announced
Frances R. Balkwill, Center for Cancer and Inflammation, Barts and the London School of Medicine and Dentistry, London, United Kingdom

Title to be announced
Olivera J. Finn, University of Pittsburgh School of Medicine, Pittsburgh, PA

Short talks from selected proffered abstracts to be announced
**SESSION 3: ANTIBODIES IN CANCER IMMUNITY**
Session Chairperson: Louis M. Weiner, Georgetown Lombardi Comprehensive Cancer Center, Washington, DC

Monoclonal antibody immunotherapy
Louis M. Weiner, Georgetown Lombardi Comprehensive Cancer Center, Washington, DC

Antibody fusions with interferon for the treatment of malignancy
Sherie L. Morrison, University of California, Los Angeles, CA

DNA fusion vaccines: Design and operation in cancer patients
Freda K. Stevenson, University of Southampton, Southampton, United Kingdom

Short talks from selected proffered abstracts to be announced
10:00 a.m.-10:30 a.m.  **BREAK**

10:30 a.m.-12:30 p.m.  **SESSION 6:**
**EPIGENETIC REGULATION OF TUMOR GROWTH AND IMMUNE RECOGNITION**
*Session Chairperson: Eduardo M. Sotomayor, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL*

Targeting specific histone deacetylases (HDACs) in tumor cells and immune cells to overcome immune tolerance
Eduardo M. Sotomayor, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL

Selective depletion of Foxp3+ regulatory T cells improves effective therapeutic vaccination against established melanoma
Jochen Huehn, Helmholtz Centre for Infection Research, Braunschweig, Germany

*Epigenetic targeting of Foxp3+ Tregs to enhance antitumor immunity*
Wayne W. Hancock, Center for Clinical Immunology, University of Pennsylvania, Philadelphia, PA

Short talks from selected proffered abstracts to be announced

12:30 p.m.-2:30 p.m.  **POSTER SESSION B AND LUNCH**

2:30 p.m.-4:30 p.m.  **SESSION 7:**
**NEW ADVANCES IN THE DEVELOPMENT OF CANCER VACCINES**
*Session Chairperson: Esteban Celis, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL*

Taming cancer with dendritic cells
Anna Karolina Palucka, Baylor University Medical Center, Dallas, TX

*Polarized dendritic cells in cancer therapy: Getting dendritic cells to lymph nodes and effector cells to tumors*
Pawel Kalinski, University of Pittsburgh, Pittsburgh, PA

*Overcoming the obstacles for the development of potent and effective peptide vaccines*
Esteban Celis, H. Lee Moffitt Cancer Center and Research Institute, Tampa, FL

Short talks from selected proffered abstracts to be announced
FRIDAY, DECEMBER 3  
THEME: REGULATION OF IMMUNE RESPONSES IN CANCER

8:00 a.m.-10:00 a.m.  
SESSION 8:  
REGULATION OF IMMUNE RESPONSES IN CANCER: A TRANSLATIONAL PARADIGM  
Session Chairperson: Theresa L. Whiteside, University of Pittsburgh Cancer Institute, Hillman Cancer Center, Pittsburgh, PA

Treg depletion and restoration of multifunctional T cell responses in patients with cancer  
Theresa L. Whiteside, University of Pittsburgh Cancer Institute, Hillman Cancer Center, Pittsburgh, PA

Clinical and correlative immunologic results of CTLA-4 blockade in melanoma  
Jedd D. Wolchok, Memorial Sloan-Kettering Cancer Center, New York, NY

Blocking PD-1 in advanced cancer  
Charles G. Drake, Johns Hopkins Kimmel Comprehensive Cancer Center, Baltimore, MD

Short talks from selected proffered abstracts to be announced

10:00 a.m.-10:30 a.m.  
BREAK

10:30 a.m.-12:30 p.m.  
SESSION 9:  
HARNESSING THE IMMUNE SYSTEM TO PREVENT AND FIGHT DISEASE  
Session Chairperson: Cornelis J.M. Melief, University Hospital Leiden, Leiden, The Netherlands

Next-generation preventive HPV vaccines  
Richard B. Roden, Johns Hopkins University, Baltimore, MD

Conditions for successful immunotherapy of established lesions caused by high-risk human papilloma virus  
Cornelis J.M. Melief, University Hospital Leiden, Leiden, The Netherlands

Marrow-infiltrating lymphocytes: Role in disease and therapy  
Ivan Borrello, Johns Hopkins Kimmel Comprehensive Cancer Center, Baltimore, MD

Short talks from selected proffered abstracts to be announced

12:30 p.m.-12:45 p.m.  
CLOSING REMARKS AND DEPARTURE