Large-scale Genomics Data for the Research Community through the NCI Center for Cancer Genomics
Tuesday, April 08, 2014, 10:30 am - 12:30 pm
Room 28A-C, San Diego Convention Center

Session Co-Chairpersons
Jaime M. Guidry Auvil and Jean-Claude Zenklusen
National Cancer Institute

Speakers
Jaime M. Guidry Auvil National Cancer Institute
TARGET Initiative Overview & Highlights
Tanja M. Davidsen National Cancer Institute
Accessing TARGET Genomics Data
Jean-Claude Zenklusen National Cancer Institute
TCGA Data Overview
Lynda Chin MD Anderson Cancer Center
Glioblastoma
Chad J. Creighton Baylor College of Medicine
Renal cell carcinoma
Peter W. Laird USC Epigenome Center
Gastric Adenocarcinoma
John M. Maris Children’s Hospital of Philadelphia
Neuroblastoma
Ramaseswamy Govindan Washington University School of Medicine
Lung Adenocarcinoma
Charles G. Mullighan St. Jude Children’s Research Hospital
Acute lymphoblastic leukemia

AACR Pediatric Cancer Working Group
Special Session: Application of Genomics, Epigenomics and Immunology Towards Improving Outcomes in Pediatric Cancer
Tuesday, April 08, 2014, 10:30 am - 12:30 pm
Room 8, San Diego Convention Center

Chairperson
Lee J. Helman National Cancer Institute

Speakers
Stephan A. Grupp Children’s Hospital of Philadelphia
Title to be announced
Javed Khan National Cancer Institute “Translating genomics into theranostics for patients with pediatric cancers”
Elizabeth R. Lawlor University of Michigan “Epigenetic suppression of the Kir1.5 car channel - a novel mechanism of cancer cell survival under conditions of stress”
Corinne Linardic Duke University School of Medicine “Hippo pathway inactivation in alveolar rhabdomyosarcoma”

Chimeric Antigen Receptor Based Immunotherapy for Pediatric Cancer: Progress and Challenges
Wednesday, April 09, 2014, 7:00 am - 8:00 am
Room 7, San Diego Convention Center

Speaker
Crystal L. Mackall National Cancer Institute

Integrating “Omics” Approaches to Identify New Therapeutic Approaches for Cancer
Wednesday, April 09, 2014, 7:00 am - 8:00 am
Room 33A-C, San Diego Convention Center

Speaker
Kimberly Stegmaier Dana-Farber Cancer Institute

Oncogenic Signaling Pathways, Targeted Therapies and Chemo Therapy Resistance in T-Cell Acute Lymphoblastic Leukemia
Wednesday, April 09, 2014, 7:00 am - 8:00 am
Room 11, San Diego Convention Center

Speaker
Adolfo Ferrando Columbia University

New Horizons in Sarcoma Research
Wednesday, April 09, 2014, 11:00 am - 1:00 pm
Room 25A-C, San Diego Convention Center

Chairperson
Lee J. Helman National Cancer Institute

Speakers
Lee J. Helman National Cancer Institute “Development of novel combination targeted therapies for pediatric sarcomas”
Poul H.B. Sorensen University of British Columbia “Searching for novel drivers of metastatic disease in high-risk childhood sarcomas”
M. Celeste Simon Abramson Family Cancer Research Institute “Hepatic metastasis, and undifferentiated pleomorphic sarcoma”
Cigall Kadoch Stanford University School of Medicine “Chromatin regulation in synovial sarcoma: Novel mechanisms and therapeutic implications”

For more information regarding the Pediatric Cancer Working Group contact:
Michael J. Powell, PhD
Executive Office Program Administrator
Phone: (215) 440-9373
Email: michael.powell@aacr.org

CME-Designated Events
Novel Strategies for Targeting the Kinome in Leukemia
Saturday, April 05, 2014, 10:15 am - 12:15 pm
Room 11, San Diego Convention Center
Chairperson
Marina Y. Konopleva UT MD Anderson Cancer Center
Speakers
Jeffrey W. Tyner OHUH Knight Cancer Institute
“Inhibition of linear signaling pathways for therapeutic intervention in myeloid leukemia”
Markus MünchPR UCSF
“Biology and targeting options for kinase signaling in acute lymphoblastic leukemia”
Kevin M. Shannon UCSF
“Response and resistance to targeting ras effactors in acute leukemia”
Marina Y. Konopleva UT MD Anderson Cancer Center
“Targeting kinome in leukemia: becoming clinical reality”

Autophagy and Developmental Therapeutics
Saturday, April 05, 2014, 3:15 pm - 5:15 pm
Room 6E, San Diego Convention Center
Chairperson
Leonard I. Zon Harvard Medical School, Children’s Hospital
Speakers
Leonard I. Zon Harvard Medical School, Children’s Hospital
“Developing therapies: From the lab to the bedside”
Elizabeth Patton University of Edinburgh Western General Hospital
“Modulating MicroRNA: A critical role for a master regulator transcription factor”
A. Thomas Look Dana-Farber Cancer Institute
“The interface of autophagy and zebrafish: LIMK1 controls the rate of neuroblastoma”
Claire E. Lewis University of Sheffield Medical School
“Imaging immune cell trafficking in zebrafish”

Development, Regeneration and Cancer
Sunday, April 06, 2014, 1:00 pm - 3:00 pm
Room 11, San Diego Convention Center
Chairperson
Allison C. Lloyd University College London
Speakers
Duojia D. J. Pan Johns Hopkins Medical Institutions
“APC expression in development and cancer”
Allison C. Lloyd University College London
“Parallels between nerve regeneration and cancer”
David H. Rowitch UCSF
“Regulatory RNAs in OSE development and phagocytosis”
Richard J. Gilbertson St. Jude Children’s Research Hospital
“A cell “ground state” for cancer”

AACR Pediatric Cancer Working Group
Town Hall Meeting and Networking Reception
Sunday, April 06, 2014, 6:30 pm - 8:30 pm
Marina Ballroom D, South Tower, San Diego Marriott Marquis & Marina
Chairperson/Speaker
Lee J. Helman National Cancer Institute
Members of the Pediatric Cancer Working Group (PCWG) and those interested in pediatric oncology are invited to attend this special evening session. The meeting will consist of a summary of the PCWG’s pediatric cancer-related programs and activities, networking reception, and announcement of the 2014-2015 PCWG Chairperson-Elect.

Modeling Cancer and Developing Therapeutics
Using the Zebrafish
Saturday, April 05, 2014, 3:15 pm - 5:15 pm
Room 6E, San Diego Convention Center
Chairperson
Leonard I. Zon Harvard Medical School, Children’s Hospital
Speakers
Leonard I. Zon Harvard Medical School, Children’s Hospital
“Developing therapies: From the lab to the bedside”
Eliza Patton University of Edinburgh Western General Hospital
“Modulating MicroRNA: A critical role for a master regulator transcription factor”
Markus Münch PR UCSF
“Biology and targeting options for kinase signaling in acute lymphoblastic leukemia”
Kevin M. Shannon UCSF
“Response and resistance to targeting ras effactors in acute leukemia”

Targeted Immunotherapy: Mobilizing the Immune System against Cancer
Monday, April 07, 2014, 9:30 am - 12:30 pm
Hall F-G, San Diego Convention Center
Chairperson
Suzanne L. Topalian Johns Hopkins Kimmel Comprehensive Cancer Center
Speakers
Carl H. June Abramson Cancer Center of University of Pennsylvania
“Engineering T cells for cancer: CARs in the clinic”
Irving L. Weissman Stanford University School of Medicine
“Investigating inhibitors of the CD47 “don’t eat me” signal to enable tumor phagocytic removal and augmented cross presentation to T cells”
Steven A. Rosenberg National Cancer Institute
“The curative potential of T cell transfer therapy for patients with cancer”
Jedd D. Wolchok Memorial Sloan-Kettering Cancer Center
“Immune modulation for cancer therapy: Assessing antagonists and agonists”

Pediatric Cancer Genomes
Monday, April 07, 2014, 10:30 am - 12:30 pm
Room 31, San Diego Convention Center
Chairperson
Todd R. Golub Broad Institute of MIT and Harvard
Speakers
James R. Downing St. Jude Children’s Research Hospital
“The Pediatric Cancer Genome Project - lessons learned”
Stefan M. Pfister German Cancer Research Center
“Genomics entering the clinical stage - new concepts in pediatric oncology”
John Maris Children’s Hospital of Philadelphia
“Neuroblastoma genomics to define new therapies: Progress, opportunities and challenges”
Katherine A. Janeway Dana-Farber Cancer Institute
“Cancer genomics in the pediatric oncology clinic”

Immune System against Cancer
Targeted Immunotherapy: Mobilizing the Immune System against Cancer
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Hall F-G, San Diego Convention Center
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Jedd D. Wolchok Memorial Sloan-Kettering Cancer Center
“Immune modulation for cancer therapy: Assessing antagonists and agonists”

Long-Term Consequences in Cancer Survivors
Monday, April 07, 2014, 1:00 pm - 3:00 pm
Room 7, San Diego Convention Center
Chairperson
Smita Bhata City of Hope
Speakers
Lois B. Travis University of Rochester Medical Center
“Burden of Mortality and Premature Mortality in Cancer Survivors – Adult-onset cancer perspective”
Leslie L. Robison St. Jude Children’s Research Hospital
“Burden of Mortality and Premature Mortality in Cancer Survivors – Pediatric cancer perspective”
Saro Armenian City of Hope
“Key Therapy-related Adverse Events – from Etiology to Risk-Reduction Strategies - Cardiac morbidity”
Smita Bhata City of Hope
“Key Therapy-related Adverse Events – from Etiology to Risk-Reduction Strategies - Cardiac morbidity - Second Cancer”

CME-Designated Events

Cancer Brain Tumors: Novel Molecular Insights and Preclinical Studies
Tuesday, April 08, 2014, 1:00 pm - 3:00 pm
Room 6CF, San Diego Convention Center
Speaker
Michael A. Dyer St. Jude Children’s Research Hospital

Pediatric Brain Tumors: Novel Molecular Insights and Preclinical Studies
Tuesday, April 08, 2014, 1:00 pm - 3:00 pm
Room 5, San Diego Convention Center
Chairperson
Martine F. Roussel St. Jude Children’s Research Hospital
Speakers
William A. Weiss UCSF
“MIF and Medulloblastoma”
Nada Jabado McGill University Department of Pediatrics
“Pediatric high grade astrocytomas: An epigenetic disease of the developing brain”
Eric C. Meadon Fred Hutchinson Cancer Research Center
“Adult and pediatric gliomas in mice and humans”
Martine F. Roussel St. Jude Children’s Research Hospital
“Pediatric medulloblastoma: Mouse models and preclinical studies”

Burden of Morbidity and Premature Mortality in Cancer Survivors – Adult-onset cancer perspective”
Leslie L. Robison St. Jude Children’s Research Hospital
“Burden of Mortality and Premature Mortality in Cancer Survivors – Pediatric cancer perspective”
Saro Armenian City of Hope
“Key Therapy-related Adverse Events – from Etiology to Risk-Reduction Strategies - Cardiac morbidity”
Smita Bhata City of Hope
“Key Therapy-related Adverse Events – from Etiology to Risk-Reduction Strategies - Cardiac morbidity - Second Cancer”

CME-Designated Events