PEDiatric onCOLOGY
RELATED SESSIONS
EDUCATIONAL SESSIONS

Epidemiology of Cancer Prognosis and Outcomes

Saturday, April 18, 2015, 10:15 a.m. - 12:15 p.m.
Room 121, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Lawrence H. Kushi. Kaiser Permanente, Oakland, CA
“Epidemiologic studies of cancer prognosis in integrated healthcare settings”

Speakers
Leslie L. Robison. St. Jude Children’s Research Hospital, Memphis, TN
“Long-term outcomes in adult survivors of childhood cancer”
Charles S. Fuchs. Dana-Farber Cancer Institute, Boston, MA
“Studies in the role of diet and lifestyle in colorectal cancer survival”
Cornelia M. Ulrich. Huntsman Cancer Institute, University of Utah, Salt Lake City, UT
“Mechanisms linking lifestyle to prognosis: From fitness to omics”

Pediatric Low Grade Gliomas: Silent But Still Deadly

Saturday, April 18, 2015, 10:15 a.m. - 12:15 p.m.
Room 114, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Samuel C. Blackman. Juno Therapeutics, Seattle, WA
“Therapeutic opportunities for pediatric low-grade gliomas: An industry perspective”

Speakers
David T.W. Jones. German Cancer Research Center, Heidelberg, Germany
“Pediatric low-grade glioma: An overview of biology and molecular diagnostic, prognostic markers”
Sabine Mueller. University of California, San Francisco, San Francisco, CA
“Past and future challenges for the clinical care of children with low-grade gliomas”
Charles D. Stiles. Dana-Farber Cancer Institute, Boston, MA
“Targeted therapies for pediatric low-grade astrocytomas”

The Price of Cure: Long-Term Outcomes in Adult Survivors Of Childhood Cancer

Saturday, April 18, 2015, 1:00 p.m. - 3:00 p.m.
Room 119, Pennsylvania Convention Center
CME-Designated

Chairperson
Paul C. Nathan. The Hospital for Sick Children, Toronto, ON, Canada
“A new chronic disease? The growing burden of adverse health outcomes in childhood cancer survivors”

Speakers
Saro Armenian. City of Hope, Duarte, CA
“Cardiovascular morbidity in childhood cancer survivors: From etiology to risk-reduction strategies”
Kirsten K. Ness. St. Jude Children’s Research Hospital, Memphis, TN
“Physiologic frailty in young adult survivors of childhood cancer”
Tara O. Henderson. University of Chicago Comer Children’s Hospital, Chicago, IL
“Challenges in providing life-long risk adapted care to childhood cancer survivors”

SUNDAY, APRIL 19, 2015

POSTER SESSION

Pediatric Cancer: Basic Science 1

Sunday, April 19, 2015, 1:00 p.m. - 5:00 p.m.
Section 20

RECENT ADVANCES IN DIAGNOSTICS AND TERAPEUTHICS RESEARCH SESSION

Genomic Investigations in Childhood Cancers

Sunday, April 19, 2015, 1:00 p.m. - 3:00 p.m.
Room 113, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Olivier Delattre. Institut Curie, Paris, France
“Liaisons dangereuses” between germline and somatic variations in Ewing sarcoma”

Speakers
John M. Maris. Children’s Hospital of Philadelphia, Philadelphia, PA
“Translating genomic landscapes into better treatments: Opportunities and challenges in neuroblastoma”
Peter Lichter. German Cancer Research Center, Heidelberg, Germany
“Implication of omics data for the treatment of childhood tumors”
Katherine A. Janeway. Dana-Farber Cancer Institute, Boston, MA
“Harnessing genomics for diagnosis, prognosis, and treatment selection in the pediatric oncology unit”

NCI/NIH-SPONSORED SESSION

The Clinical Sequencing Exploratory Research (CSER) Program: Investigating the Actionability of Tumor Sequencing Variants

Sunday, April 19, 2015, 2:30 p.m. - 4:00 p.m.
Room 105, Pennsylvania Convention Center
Moderators
Sheri Schully. National Cancer Institute, Bethesda, MD
Carolyn M. Hutter. National Institutes of Health, National Human Genome Research Institute, Rockville, MD
TOWN HALL MEETING

**AACR Pediatric Cancer Working Group Town Hall Meeting and Networking Reception**

**Sunday, April 19, 2015, 6:30 p.m. - 9:00 p.m.**
Regency Ballroom C (Second Floor), Loews Philadelphia Hotel

All AACR Annual Meeting attendees are invited to attend this special evening session hosted by the AACR Pediatric Cancer Working Group. In addition to open discussion and a networking reception, this meeting will consist of an interactive summary of AACR’s past, present, and future pediatric oncology-related initiatives, as well as recognition of the Pediatric Cancer Working Group’s leadership and sponsors. Complimentary hors d’oeuvres and beverages will be available for all attendees.

**Speakers**
Lee J. Helman. National Cancer Institute, Bethesda, MD
Garrett M. Brodeur. Children’s Hospital of Philadelphia, Philadelphia, PA
Crystal L. Mackall. National Cancer Institute, Bethesda, MD

**MONDAY, APRIL 20, 2015**

**MEET THE EXPERT SESSION**

**At the Intersection of Chemistry, Genomics and Biology: Identifying New Targeted Approaches in Leukemia**

**Monday, April 20, 2015, 7:00 a.m. - 8:00 a.m.**
Room 121, Pennsylvania Convention Center
CME-Designated

Kimberly Stegmaier. Dana-Farber Cancer Institute, Boston, MA

**POSTER SESSION**

**Pediatric Cancer: Clinical Investigations / Regulatory Science and Policy**

**Monday, April 20, 2015, 8:00 a.m. - 12:00 noon**
Section 24
Speakers

David Malkin. University of Toronto Hospital for Sick Children, Toronto, ON, Canada
“Li-Fraumeni syndrome: Beyond p53”

Jaclyn Biegel. Children’s Hospital of Philadelphia, Philadelphia, PA
“The SWI/SNF complex and pediatric rhabdoid tumors”

Lisa L. Wang. Baylor College of Medicine, Houston, TX
“A mouse model of the Rothmund-Thomson Syndrome cancer predisposition syndrome”

Joshua D. Schiffman. University of Utah Huntsman Cancer Institute, Salt Lake City, UT
“Genetic epidemiology of Ewing Sarcoma”

The Emerging Landscape of Epigenetic Therapy for Lymphoid Malignancies

Monday, April 20, 2015, 1:00 p.m. - 3:00 p.m.
Room 113, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Iannis Aifantis. New York University Langone Medical Center, New York, NY
“Cytosine hydroxymethylation and the control of lymphoid cell transformation”

Speakers

Laura Pasqualucci. Columbia University Medical Center, New York, NY
“Genetic basis of epigenetic changes in diffuse large B cell lymphoma”

Jose Ignacio Martin-Subero. University of Barcelona and Institut D’Investigacions Biomediques August Pi Sunyer, Barcelona, Spain
“DNA methylomes of normal and neoplastic B cells: Biological and clinical insights”

Adolfo Ferrando. Columbia University, New York, NY
“Oncogenic and tumor suppressor epigenetic programs in T-cell acute lymphoblastic leukemia”

NCI/NIH-SPONSORED SESSION

NCI’s Center for Strategic Scientific Initiatives (CSSI): Programs and Highlights

Monday, April 20, 2015, 10:30 a.m. - 12:00 noon
Room 105, Pennsylvania Convention Center

Moderators

Emily J. Greenspan. National Cancer Institute, Bethesda, MD

Panelists

Jennifer Grossman. Frederick National Laboratory for Cancer Research, Frederick, MD
Stephanie Morris. National Cancer Institute, Bethesda, MD
Robert C. Rivers. National Cancer Institute, Bethesda, MD
Michelle A. Berny-Lang. National Cancer Institute, Bethesda, MD
Anthony Dickherber. National Cancer Institute, Bethesda, MD

RECENT ADVANCES IN ORGAN SITE RESEARCH SESSIONS

Translational Advances in Brain Cancer

Monday, April 20, 2015, 1:00 p.m. - 3:00 p.m.
Room 118, Pennsylvania Convention Center
CME-Designated

Chairperson
Ralph J. DeBerardinis. University of Texas Southwestern Medical Center, Dallas, TX

Speakers

Paul S. Mischel. Ludwig Institute for Cancer Research, La Jolla, CA
“Mutant IDH1 as a therapeutic target in glioma”

Ingo K. Mellinghoff. Memorial Sloan Kettering Cancer Center, New York, NY
“Oncogenic regulation of metabolic vulnerabilities in glioblastoma”

Andrew C. Peet. University of Birmingham, Birmingham, United Kingdom
“Noninvasive metabolite detection for predictive biomarkers in pediatric brain cancers”

Elizabeth Maher. University of Texas Southwestern Medical Center, Dallas, TX
“Substrate utilization and metabolism of human gliomas in vivo”

MAJOR SYMPOSIUM

Tumor Microenvironment

Monday, April 20, 2015, 1:00 p.m. - 3:00 p.m.
Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Robert H. von der Heide. Abramson Cancer Center, University of Pennsylvania, Philadelphia, PA
“Starting an immune response against pancreatic cancer: Getting past the stroma”

Speakers

Johanna A. Joyce. Memorial Sloan Kettering Cancer Center, New York, NY
“Insights into organ-specific metastasis from analysis of tumor-microenvironment interactions”

Crystal L. Mackall. National Cancer Institute, Bethesda, MD
“Modulating the tumor microenvironment to enhance the efficacy of immunotherapies”

Elizabeth A. Repasky. Roswell Park Cancer Institute, Buffalo, NY
“Calming the nervous tumor microenvironment to improve cancer therapy”

NCI/NIH-SPONSORED SESSION

What’s New in NCI’s Center for Cancer Genomics: An Overview of Programs

Monday, April 20, 2015, 1:30 p.m. - 3:30 p.m.
Room 105, Pennsylvania Convention Center

Chairpersons
Jaime Guidry Auvil. National Cancer Institute, Bethesda, MD
Jean C. Zenklusen. National Cancer Institute, Bethesda, MD
MEET THE EXPERT SESSION

Genomic Approaches to Cancer Drug Discovery

Tuesday, April 21, 2015, 7:00 a.m. - 8:00 a.m.
Terrace Ballroom IV (400 Level), Pennsylvania Convention Center
CME-Designated
Todd R. Golub. Broad Institute of MIT and Harvard, Cambridge, MA

POSTER SESSIONS

Pediatric Cancer: Basic Science 2

Tuesday, April 21, 2015, 8:00 a.m. - 12:00 noon
Section 17

Special Populations, Supportive Care, and Survivorship Research / Radiation Oncology

Tuesday, April 21, 2015, 8:00 a.m. - 12:00 noon
Section 23

Descriptive Epidemiology, Health Disparities, and Survivorship

Tuesday, April 21, 2015, 8:00 a.m. - 12:00 noon
Section 37

FOURTH ANNUAL AACR PEDIATRIC CANCER WORKING GROUP SPECIAL SCIENTIFIC SESSION

Optimizing Targeted Therapy Avenues for Pediatric Cancers

Tuesday, April 21, 2015, 10:30 a.m. - 12:30 p.m.
Room 126, Pennsylvania Convention Center
CME-Designated

All meeting attendees are invited to attend this special Pediatric Cancer Working Group sponsored event showcasing cutting-edge pediatric cancer-based research.

Moderator
Lee J. Helman. National Cancer Institute, Bethesda, MD

Speakers
Brenda J. Weigel. University of Minnesota, Minneapolis, MN
“New agent development in pediatric oncology: Hitting the target”

David M. Langenau. Massachusetts General Hospital, Harvard Medical School, Charlestown, MA
“Novel oncogenic drivers in T cell acute lymphoblastic leukemia”

Michael C. Jensen. Seattle Children’s Research Institute, Seattle, WA
“Advancing CAR T cell immunotherapy in pediatric oncology”

Garrett M. Brodeur. Children’s Hospital of Philadelphia, Philadelphia, PA
“Nanoparticle drug delivery in a mouse model of neuroblastoma”
RECENT ADVANCES IN ORGAN SITE RESEARCH SESSION

Elucidating Mechanisms that Underlie the Development of Pediatric Brain Cancers

Tuesday, April 21, 2015, 10:30 a.m. - 12:30 p.m.
Room 204, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Suzanne J. Baker. St. Jude Children’s Research Hospital, Memphis, TN
“Genetic and epigenetic drivers of pediatric high-grade glioma”

Speakers
William A. Weiss. University of California, San Francisco, San Francisco, CA
“Humanized models for pediatric brain tumors”

Michael D. Taylor. University of Toronto Hospital for Sick Children, Toronto, ON, Canada
“The molecular and cellular mechanisms underlying the formation of childhood ependymomas”

Robert J. Wechsler-Reya. Sanford-Burnham Medical Research Institute, La Jolla, CA
“Drivers and drugs for medulloblastoma”

MAJOR SYMPOSIUM

Cellular Reprogramming in Carcinogenesis: Implications for Tumor Heterogeneity, Prognosis, and Therapy

Tuesday, April 21, 2015, 10:30 a.m. - 12:30 p.m.
Room 103, Pennsylvania Convention Center
CME-Designated

Chairperson and Speaker
Peter B. Dirks. University of Toronto Hospital for Sick Children, Toronto, ON, Canada
“Functional and genomic heterogeneity in brain tumors”

Speakers
Tariq Enver. Cancer Research UK, London, United Kingdom
“Origins, evolution, and selection in childhood leukemia”

Florian Greten. Georg Speyer Haus Institute for Tumor Biology and Experimental Therapy, Frankfurt, Germany
“Cytokine-controlled stem cell plasticity in intestinal tumorigenesis”

John P. Stingl. Cancer Research UK Cambridge Research Institute, Cambridge, United Kingdom
“Intratumoural heterogeneity in human serous ovarian carcinoma”

RECENT ADVANCES IN DIAGNOSTICS AND THERAPEUTICS RESEARCH SESSION

Metabolism and Adaptive Immune Responses

Tuesday, April 21, 2015, 1:00 p.m. - 3:00 p.m.
Room 204, Pennsylvania Convention Center
CME-Designated

Chairperson
Douglas R. Green. St. Jude Children’s Research Hospital, Memphis, TN

Speakers
Steven Bensinger. University of California, Los Angeles, Los Angeles, CA
“Regulating host immunity through reprogramming of sterol metabolism”

Shao-Cong Sun. University of Texas MD Anderson Cancer Center, Houston, TX
“New insights into mTORCI signaling in T cells”

Jonathan D. Powell. Johns Hopkins Kimmel Comprehensive Cancer Center, Baltimore, MD
“Targeting immunometabolism as a means of enhancing immunotherapy”

MAJOR SYMPOSIUM

Adoptive T-Cell Therapy

Tuesday, April 21, 2015, 1:00 p.m. - 3:00 p.m.
Grand Ballroom (300 Level), Pennsylvania Convention Center
CME-Designated

Kimberly Stegmaier. Dana-Farber Cancer Institute, Boston, MA
David T. Ting. Massachusetts General Hospital Cancer Center, Charlestown, MA
MINISYMPOSIMS

Adoptive Immunotherapy

Tuesday, April 21, 2015, 3:00 p.m. - 5:00 p.m.
Terrace Ballroom I (400 Level), Pennsylvania Convention Center
CME-Designated

Chairpersons
Nabil Ahmed. Baylor College of Research Institute, Houston, TX
Michael C. Jensen. Seattle Children’s Research Institute, Seattle, WA

Pediatric Cancer: Basic Science 3

Tuesday, April 21, 2015, 3:00 p.m. - 5:00 p.m.
Room 120, Pennsylvania Convention Center
CME-Designated

Chairpersons
A. Thomas Look. Dana-Farber Cancer Institute, Boston, MA
Rani E. George. Dana-Farber Cancer Institute, Boston, MA

FORUM SESSION

Are Cancer Stem Cells Relevant to the Success of Human Cancer Therapy?

Tuesday, April 21, 2015, 5:00 p.m. - 6:30 p.m.
Terrace Ballroom I (400 Level), Pennsylvania Convention Center
CME-Designated

Chairperson
Benjamin G. Neel. New York University Langone Medical Center, New York, NY

Speakers
Ross L. Levine. Memorial Sloan Kettering Cancer Center, New York, NY
Jenny C. Chang. Houston Methodist Hospital, Houston, TX
Peter B. Dirks. University of Toronto Hospital for Sick Children, Toronto, ON, Canada

AWARDS AND LECTURES SESSION

Third Annual AACR-Cancer Research Institute Lloyd J. Old Award in Cancer Immunology

Tuesday, April 21, 2015, 5:30 p.m. - 6:30 p.m.
Grand Ballroom (300 Level), Pennsylvania Convention Center
CME-Designated
Carl H. June. Abramson Cancer Center, University of Pennsylvania, Philadelphia, PA
“CAR T cells: Can we move beyond B cells?”

WEDNESDAY, APRIL 22, 2015

MEET THE EXPERT SESSION

Reporting Germline Findings from Clinical Genome Sequencing Trials

Wednesday, April 22, 2015, 7:00 a.m. - 8:00 a.m.
Room 119, Pennsylvania Convention Center
CME-Designated
Sharon E. Plon. Baylor College of Medicine, Houston, TX

PLENARY SESSION

AACR Annual Meeting 2015 Highlights: Vision for the Future

Wednesday, April 22, 2015, 12:00 noon - 1:30 p.m.
Terrace Ballroom I-IV (400 Level), Pennsylvania Convention Center
CME-Designated
M. Celeste Simon. Abramson Family Cancer Research Institute, Philadelphia, PA

Speakers
Lewis C. Cantley. Sandra and Edward Meyer Cancer Center at Weill Cornell Medical College, New York, NY
Carlos L. Arteaga. Vanderbilt-Ingram Cancer Center, Nashville, TN
William G. Nelson. Johns Hopkins Kimmel Comprehensive Cancer Center, Baltimore, MD
José Baselga. Memorial Sloan Kettering Cancer Center, New York, NY
For more information regarding the AACR Pediatric Cancer Working Group, please contact:

Michael J. Powell, PhD
Executive Office Senior Program Administrator
215-440-9373
michael.powell@aacr.org

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615 Chestnut Street, 17th Floor
Philadelphia, PA 19106-4404

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