

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Saturday, April 18, 2015

8:00 a.m.-10:00 a.m. Educational Sessions

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 1: Optimizing Drug

Discovery: Insights on an Important Process, Michael J. Luzzio, Chairperson, Room 113, Pennsylvania Convention Center, p. 142

Speakers: Michael J. Luzzio, Gerald Lelais, Yunsong Tong, Ashvinikumar V. Gavai

The Fundamentals of Big Data Analysis, Yu Shyr, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 142

Speakers: Yu Shyr, Peter W. Laird, Warren A. Kibbe, Sameek Roychowdhury

Imaging the Tumor Niche and Therapeutic Responses, Margaret C. Frame, Chairperson, Room 103, Pennsylvania Convention Center, p. 143

Speakers: Margaret C. Frame, Erik Sahai, Matthew F. Krummel, Frank A. Winkler

Liquid Biopsy Biomarkers, Caroline Dive, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 144

Speakers: Alain R. Thierry, Muneesh Tewari, Caroline Dive, Andreas Trumpp

The Mechanism of Chromothripsis, David Pellman, Chairperson, Room 108, Pennsylvania Convention Center, p. 144

Speakers: Peter J. Campbell, Jan Korbel, René H. Medema, David Pellman

Strategies for Measuring Diet Quality in Population

Studies of Cancer Outcomes, Terry J. Hartman, Chairperson, Room 119, Pennsylvania Convention Center, p. 144

Speakers: Terry J. Hartman, Susan E. Steck, Marjorie L. McCullough, Anne-Claire Vergnaud

Targeting Genetic Drivers in Premalignancy

Scott M. Lippman, Chairperson, Room 120, Pennsylvania Convention Center, p. 145

Speakers: Scott M. Lippman, Avrum E. Spira, J.S. Gutkind, Razelle Kurzrock

Therapeutic Targeting and Monitoring Tumor

Microenvironments, Lisa M. Coussens, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 146

Speakers: Lisa M. Coussens, Jennifer A. Wargo, Evan Lind, Sunil R. Hingorani, Alexander Guimaraes

Tumor Immunology and Immunotherapy for the Non-Immunologist, Julie Y. Djeu, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 146

Speakers: Giorgio Trinchieri, Todd A. Fehniger, Ton Schumacher, Jeffrey S. Weber

What Can Proteomics Teach Us That Genetics Cannot?

Daniel C. Liebler and Bing Zhang, Co-Chairpersons, Room 118, Pennsylvania Convention Center, p. 147

Speakers: Daniel C. Liebler, Bing Zhang, Robbert J. Slebos, Akhilesh Pandey

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8:00 a.m.-10:00 a.m.

Methods Workshops

Design and Method Workshop for Clinical Trials and Population Studies, Part 1: Design and Implementation of Innovative Clinical Trials for Targeted Therapies, J. Jack

Lee, Chairperson, Room 201, Pennsylvania Convention Center, p. 148

Speakers: Russell R. Broaddus, Richard M. Simon, J. Jack Lee, Sumithra J. Mandrekar

Human Biospecimens in Cancer Research: Do You Know Where Your Samples Came From and Where They Have Been? Are You Analyzing Artifact Instead of Biology?

Carolyn Compton, Chairperson, Room 115, Pennsylvania Convention Center, p. 148

Speakers: Carolyn Compton, Kenneth Bloom, Yun-Fu Hu, Christopher Kinsinger

Methods for Pharmacogenomics Discovery and

Interpretation, Angelique Whitehurst, Chairperson, Room 204, Pennsylvania Convention Center, p. 149

Speakers: Angelique Whitehurst, Alison Motsinger-Reif, Cyril Benes, Ramaswamy Govindan

Systems Approaches to Cancer, Chris Sander, Chairperson, Room 121, Pennsylvania Convention Center, p. 149

Speakers: Chris Sander, Andrea Califano, Michael J. Lee, Grégoire Altan-Bonnet

9:00 a.m.-3:00 p.m.

Cancer and Biomedical Research Career Fair

Cancer and Biomedical Research Career Fair*, Broad Street Atrium (100 Level), Pennsylvania Convention Center, p. 33

10:00 a.m.-12:00 p.m.

Educational Session

Cancer Immunology for the Non-Immunologist - Tutorial, Dmitry I. Gabrilovich, Chairperson, Liberty Ballroom (Level 3), Philadelphia Marriott Downtown, p. 151

Faculty: Steven M. Albelda, Gregory L. Beatty, Vincenzo Bronte, Neil D. Christensen, Mario P. Colombo, Jose R. Conejo-Garcia, Julie Y. Djeu, Charles G. Drake, Steven M. Dubinett, Todd A. Fehniger, Olivera J. Finn, Dmitry I. Gabrilovich, Tim F. Greten, Sergei I. Grivennikov, Elizabeth M. Jaffee, Samir N. Khleif, Augusto C. Ochoa, Shari A. Pilon-Thomas, George C. Prendergast, Ellen Puré, Ton Schumacher, Michael R. Shurin, Giorgio Trinchieri, Robert H. Vonderheide, Jeffrey S. Weber, Laurence Zitvogel

10:00 a.m.-4:00 p.m.

Professional Advancement Session

Tenth Annual Undergraduate Student Caucus and Poster

Competition*, Jose G. Treviño, Moderator, Kathleen W. Scotto, Chairperson, Hall G (100 Level), Pennsylvania Convention Center, p. 150

Speakers: Kathleen W. Scotto, Donald S. Coffey, Cynthia Ryan, Lewis C. Cantley, Beverly D. Lyn-Cook, Samuel Antwi, Amanda E. Brinker, Malori Lankenau

10:15 a.m.-12:15 p.m.

Educational Sessions

Bench to Bedside and Back Again: Biology and Therapy of ALK and BRAF Cancers, D. Ross Camidge, Chairperson, Room 115, Pennsylvania Convention Center, p. 152

Speakers: Richard M. Marais, Grant A. McArthur, Ruth Palmer, D. Ross Camidge

Biomarkers for Solid Tumors in a Post-TCGA World, Jorge S. Reis-Filho, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 152

Speakers: Jorge S. Reis-Filho, Jonathan A. Fletcher, Britta Weigelt, Anne-Lise Børresen-Dale

Computational and Functional Modeling of Hot Big Data,

Daniel S. Peeper, Chairperson, Room 204, Pennsylvania Convention Center, p. 153

Speakers: Eytan Ruppin, David J. Adams, Neville Sanjana

Detecting Treatment Response and Investigating the Tumor Microenvironment Using Magnetic Resonance

Imaging, Kevin M. Brindle, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 153

Speakers: Peter C. van Zijl, Brian D. Ross, Peter Choyke, Kevin M. Brindle

Epidemiology of Cancer Prognosis and Outcomes,

Lawrence H. Kushi, Chairperson, Room 121, Pennsylvania Convention Center, p. 154

Speakers: Leslie L. Robison, Charles S. Fuchs, Cornelia M. Ulrich, Lawrence H. Kushi

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 2: Discovery and Development of Potent Drug Conjugates: From Basic Principles to Clinically Approved Drugs, Peter D. Senter, Chairperson, Room 113, Pennsylvania Convention Center, p. 154

Speakers: Karl D. Wittrup, Jennifer R. Cochran, Christopher O'Donnell, Peter D. Senter

Is the Stroma Tumor Suppressive or Tumor Promoting?

Valerie M. Weaver, Chairperson, Room 103, Pennsylvania Convention Center, p. 155

Speakers: Valerie M. Weaver, Douglas T. Fearon, Ben Z. Stanger, Valerie Lebleu, Mikala Egeblad

Pediatric Low-Grade Gliomas: Silent But Still Deadly,

Samuel C. Blackman, Chairperson, Room 114, Pennsylvania Convention Center, p. 156

Speakers: David T. Jones, Sabine Mueller, Charles D. Stiles, Samuel C. Blackman

10:15 a.m.-12:15 p.m.

Methods Workshops

Design and Method Workshop for Clinical Trials and Population Studies, Part 2: Design Considerations for Expanding the Success of Immunotherapy Trials, Edith A. Perez, Chairperson, Room 201, Pennsylvania Convention Center, p. 157

Speakers: Edith A. Perez, Mario Sznoł, Axel Hoos, Tai-Tsang Chen

How and When to Use Chemical Probes, Valeria R. Fantin, Chairperson, Room 118, Pennsylvania Convention Center, p. 157

Speakers: Valeria R. Fantin, Kevan M. Shokat, Cheryl Arrowsmith, James E. Bradner

Large-Scale Functional Genomic Screens: In Need of Controls? Roderick L. Beijersbergen, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 158

Speakers: Roderick L. Beijersbergen, Luke Gilbert, Thijn Brummelkamp

Organoids, Hans Clevers, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 158

Speakers: Toshiro Sato, Richard Schlegel, Yu Chen, Hans Clevers

What Can Pathology Teach the Modern Cancer Biologist?

David Huntsman, Chairperson, Room 120, Pennsylvania Convention Center, p. 159

Speakers: David Huntsman, Blake Gilks, Ronny I. Drapkin

SCHEDULE OF EVENTS

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12:00 p.m.-5:00 p.m.

Professional Advancement Session

Eighteenth Annual Grant Writing Workshop, Organized by the Associate Member Council (AMC)*, Grand Ballroom Salons H-J (Level 5), Philadelphia Marriott Downtown, p. 160

Speakers: Camille C. Ragin, Steven M. Dubinett, Grant A. McArthur, Mary L. Disis, Jennifer R. Grandis, Joe W. Gray, Mehmet Toner, Susan L. Weiner, Jonathan S. Wiest

Intravital Imaging in Animal Models of Cancer, Paul Timpson, Chairperson, Room 120, Pennsylvania Convention Center, p. 163

Speakers: Paul Timpson, Michiyuki Matsuda, Richard L. Klemke, Alan Serrels, Peter Friedl

Mechanisms of Cancer Therapy Resistance, Joan S. Brugge, Chairperson, Room 204, Pennsylvania Convention Center, p. 164

Speakers: Charles Swanton, Levi A. Garraway, Taru E. Muranen

1:00 p.m.-2:30 p.m.

Regulatory Science and Policy Session

The Past, Present, and Future of FDA Regulation of Next-Generation Sequencing (NGS), David Litwack, Chairperson, Room 105, Pennsylvania Convention Center, p. 161

Metabolism Vulnerabilities in Cancer, Matthew G. Vander Heiden, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 164

Speakers: Karen H. Vousden, Eileen P. White, M. Celeste Simon, Matthew G. Vander Heiden

Network Medicine, Douglas A. Lauffenburger, Chairperson, Room 121, Pennsylvania Convention Center, p. 164

Speakers: Claus Jorgensen, Christina Leslie, Alissa M. Weaver, Douglas A. Lauffenburger

1:00 p.m.-3:00 p.m.

Educational Sessions

Aspirin, NSAIDs, and Cancer: New Opportunities, Raymond N. DuBois, Chairperson, Room 114, Pennsylvania Convention Center, p. 162

Speakers: Raymond N. DuBois, Sanford D. Markowitz, Chinthalapally V. Rao, Lawrence J. Marnett

Chemical Biology and Molecular Pharmacology, Olivia W. Rossanese, Chairperson, Room 103, Pennsylvania Convention Center, p. 162

Speakers: Olivia W. Rossanese, Igor Vivanco, Philip Jones, Paul Workman

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 3: New Opportunities in Epigenetic Therapies, Gary G. Chiang, Chairperson, Room 113, Pennsylvania Convention Center, p. 163

Speakers: Gary G. Chiang, Paul Brennan, H. Ümit Kaniskan, Kenneth W. Duncan

The Price of Cure: Long-Term Outcomes in Adult Survivors of Childhood Cancer, Paul C. Nathan, Chairperson, Room 119, Pennsylvania Convention Center, p. 165

Speakers: Paul C. Nathan, Saro Armenian, Kirsten K. Ness, Tara O. Henderson

Principles of Immunotherapy: Stepping on the Accelerator, Suzanne L. Topalian, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 166

Speakers: Yong-Jun Liu, Nina Bhardwaj, James C. Yang, Suzanne L. Topalian

Role of Noncoding RNAs in Cancer, Carlo M. Croce, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 166

Speakers: Carlo M. Croce, George A. Calin, Michela Garofalo, Frank J. Slack

Tumor Heterogeneity and Evolution, Carlo C. Maley, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 167

Speakers: Carlo C. Maley, Ivana Bozic, Andriy Marusyk, Marco Gerlinger

1:00 p.m.-3:00 p.m.

Methods Workshops

Advances and Applications of Single Cell Sequencing Technologies in Cancer Research, Nicholas E. Navin, Chairperson, Room 115, Pennsylvania Convention Center, p. 168

Speakers: Nicholas E. Navin, Peter Van Loo, Chenghang Zong, David T. Ting

Cell Line Authentication: Improving the Reproducibility and Translatability of Preclinical Cancer Research, Leonard P. Freedman, Chairperson, Room 108, Pennsylvania Convention Center, p. 168

Speakers: Leonard P. Freedman, Vivian Siegel, Richard M. Neve, Stephen P. Ethier

Design and Method Workshop for Clinical Trials and Population Studies, Part 3: Challenges of Genomics, Integromics, and Tumor Heterogeneity in Clinical Trial Designs, Kim-Anh Do, Chairperson, Room 201, Pennsylvania Convention Center, p. 169

Speakers: Kim-Anh Do, Benjamin M. Ellingson, Philippe L. Bedard, Lorenzo Trippa

Novel Platforms for Early Detection of Malignancies, Sam M. Hanash, Chairperson, Room 118, Pennsylvania Convention Center, p. 170

Speakers: Sam M. Hanash, Oliver Fiehn, Paul D. Lampe, John K. Field

1:00 p.m.-3:00 p.m.

Professional Advancement Session

WICR Professional Advancement Session: The Power of Assertiveness*, Patricia M. LoRusso and S. Percy Ivy, Co-Chairpersons, Regency Ballroom (Second Floor), Loews Philadelphia Hotel, p. 171

Speakers: Matthew Mirisola, Margaret A. Tempero, Cheryl L. Willman, Mary C. Beckerle

3:15 p.m.-4:15 p.m.

Meet-the-Expert Sessions

The 21st Century Hazards of Smoking and Benefits of Stopping, Room 115, Pennsylvania Convention Center, p. 172

Speaker: Richard Peto

Cancer Moon Shot Initiative: Accelerating Translation and Impact, Room 204, Pennsylvania Convention Center, p. 172

Speaker: Ronald A. DePinho

New Insights into BRCA1 Function, Room 118, Pennsylvania Convention Center, p. 172

Speaker: David M. Livingston

Systematic Interrogation of Cancer Dependencies, Room 103, Pennsylvania Convention Center, p. 172

Speaker: William C. Hahn

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3:15 p.m.-5:15 p.m.

Educational Sessions

Cancer Drug Discovery 2015: Challenges and Opportunities for Academia and Industry, Donald Ogilvie, Chairperson, Room 108, Pennsylvania Convention Center, p. 173

Speakers: Donald Ogilvie, Julian Blagg, Allan M. Jordan, Jonathan B. Baell, Dashyant Dhanak

Clinical Interpretation of Cancer Genomes, Nikhil Wagle, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 173

Speakers: Trevor J. Pugh, Nikhil Wagle, Mia A. Levy, Fabrice Andre

Endogenous Steroid Hormones and Risk of Cancer, Regina G. Ziegler, Chairperson, Room 120, Pennsylvania Convention Center, p. 174

Speakers: Rudolf Kaaks, Regina G. Ziegler, Mitch Dowsett, Hubert W. Vesper

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 4: Design of Small Molecules Targeting Tumor Metabolism, Janeta V. Popovici-Muller and Rene M. Lemieux, Co-Chairpersons, Room 113, Pennsylvania Convention Center, p. 174

Speakers: Rene M. Lemieux, Hans Purkey, Timothy P. Burkholder, Jon Winter

Improving Cancer Drug Bioavailability by Use of Controlled Delivery and Release, Dennis E. Hallahan, Chairperson, Room 122, Pennsylvania Convention Center, p. 175

Speakers: Mark W. Dewhirst, Stephen J. Kron, Roberto Diaz, Dennis E. Hallahan

Population Screening for Inherited Breast and Ovarian Cancers: Are We There Yet? Olufunmilayo I. Olopade, Chairperson, Room 126, Pennsylvania Convention Center, p. 175

Speakers: Ephrat Levy-Lahad, Kenneth Offit, Olufunmilayo I. Olopade, Patricia Ashton-Prolla

Therapeutic Targeting the Diverse Immune Inhibitory Pathways in the Tumor Microenvironment, Drew M. Pardoll, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 176

Speakers: Drew M. Pardoll, David H. Munn, Dario A. Vignali, Vincenzo Bronte

Translating Insights from Mouse Cancer Models to Therapeutic Targeting, Terry A. Van Dyke, Chairperson, Room 114, Pennsylvania Convention Center, p. 176

Speakers: Terry A. Van Dyke, Kenneth P. Olive, Neal Goodwin, Meghna Das Thakur

3:15 p.m.-5:15 p.m.

Methods Workshops

Design and Method Workshop for Clinical Trials and Population Studies, Part 4: Leveraging Population Data and Electronic Medical Record Databases for Hypothesis Generation, Validation, and Decision Support, Tianxi Cai, Chairperson, Room 201, Pennsylvania Convention Center, p. 177

Speakers: Tianxi Cai, Joshua C. Denny, Liang Li, Michael A. Caligiuri

Developing Technologies to Investigate Single Cells and Tumor Heterogeneity, Crispin Miller, Chairperson, Room 121, Pennsylvania Convention Center, p. 177

Speakers: James B. Hicks, Crispin Miller, Zoltan Szallasi

Extracellular Vesicles in Cancer: Isolation and Function, Robert J. Coffey, Chairperson, Room 119, Pennsylvania Convention Center, p. 178

Speakers: Robert J. Coffey, Andrei Goga, Raghu Kalluri, Rama Khokha

Methods Advances in Clinical Cancer Genomics for Personalized Oncology, Marc Ladanyi, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 178

Speakers: Victor E. Velculescu, A. J. Iafrate, Marc Ladanyi

Systems Approaches to Cancer Metabolism, Ralph J. DeBerardinis, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 179

Speakers: Gary Patti, Ralph J. DeBerardinis, Dennis Vitkup, Edward Driggers

4:30 p.m.-5:30 p.m. Meet-the-Expert Sessions

Curative Potential of T Cell Immunotherapy for Cancer, Room 118, Pennsylvania Convention Center, p. 180

Speaker: Steven A. Rosenberg

Large-Scale Experimental Approaches Applied to Translation Drug Discovery, Room 103, Pennsylvania Convention Center, p. 180

Speaker: William R. Sellers

Lgr5 Stem Cells in Self-Renewal and Cancer, Room 204, Pennsylvania Convention Center, p. 180

Speaker: Hans Clevers

Triple-Negative Breast Cancer: Biologic Advances but a Therapeutic Impasse, Room 115, Pennsylvania Convention Center, p. 180

Speaker: Lisa A. Carey

5:30 p.m.-6:30 p.m.

Awards and Lectures

Eleventh Annual AACR-Irving Weinstein Foundation Distinguished Lecture, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 181

Speaker: David Baltimore

5:30 p.m.-6:30 p.m.

Professional Advancement Session

Social Media for Scientists*, Rick Buck, Chairperson, Room 119, Pennsylvania Convention Center, p. 182

Speakers: Wafik S. El-Deiry, Emil Lou, AnneMarie Ciccarella

5:30 p.m.-6:45 p.m.

Awards and Lectures

Eighteenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 183

Speaker: Sara A. Courtneidge

5:30 p.m.-7:30 p.m.

Professional Advancement Session

Careers in Clinical and Translational Cancer Research*, A. W. Blackstock, Chairperson, Grand Ballroom Salons C-E (Level 5), Philadelphia Marriott Downtown, p. 184

6:30 p.m.-8:30 p.m. Meet and Greet

New Member Networking Mixer*, Hall E Foyer (200 Level), Pennsylvania Convention Center, p. 185

Speaker: José Baselga

SCHEDULE OF EVENTS

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Sunday, April 19, 2015

7:00 a.m.-8:00 a.m.

Meet-the-Expert Sessions

The Biologic Signature of Melanoma to Guide Therapy, Room 120, Pennsylvania Convention Center, p. 191

Speaker: Meenhard Herlyn

Clinical Application of Next-Generation Sequencing as a Guide to Treatment Selection, Room 204, Pennsylvania Convention Center, p. 191

Speaker: David B. Solit

Combinatorial Mapping of Vascular Addresses in Cancer: Towards Mechanistic Insights and Targeted Delivery, Room 126, Pennsylvania Convention Center, p. 192

Speaker: Renata Pasqualini

Combining Molecularly Targeted Therapies with Chemoradiation, Room 122, Pennsylvania Convention Center, p. 192

Speaker: Theodore S. Lawrence

Identifying Metabolic Dependencies of Cancer Cells, Room 121, Pennsylvania Convention Center, p. 192

Speaker: Matthew G. Vander Heiden

New Strategies for Triple-Negative Breast Cancer: Deciphering the Heterogeneity, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 192

Speaker: Jennifer A. Pietenpol

Novel Therapeutic Targets in Myeloma, Room 113, Pennsylvania Convention Center, p. 193

Speaker: Kenneth C. Anderson

Opportunities for Immunotherapy in Ovarian Cancer, Room 114, Pennsylvania Convention Center, p. 193

Speaker: George Coukos

PI3K in Cancer: Divergent Roles of Isoforms, Modes of Activation, and Therapeutic Targeting, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 193

Speaker: Jean J. Zhao

The Promise of Personalized Medicine, Room 201, Pennsylvania Convention Center, p. 193

Speaker: Patricia M. LoRusso

The PTEN Tumor Suppressor, Room 103, Pennsylvania Convention Center, p. 194

Speaker: Ramon E. Parsons

Targeting Essential Growth Drivers in Non-Small Cell Lung Cancer: A Lesson from ALK, Room 118, Pennsylvania Convention Center, p. 194

Speaker: Hiroyuki Mano

Tumor Dormancy and Recurrence, Room 115, Pennsylvania Convention Center, p. 194

Speaker: Lewis A. Chodosh

Unraveling Hormone Dependence in Cancer, Room 119, Pennsylvania Convention Center, p. 194

Speaker: Myles A. Brown

7:00 a.m.-8:00 a.m.

NCI/NIH-Sponsored Session

NIH Grants Session: Changes in Review, Funding, and Funding Opportunities at the NCI*, Suresh Mohla, Chairperson, Room 105, Pennsylvania Convention Center, p. 195

Speakers: Angela Y. Ng, Ronald L. Johnson, Suresh Mohla

8:15 a.m.-9:15 a.m.

**Opening Ceremony and
Awards Presentations**

Ninth Annual AACR Team Science Award*, Hall A (200 Level), Pennsylvania Convention Center, p. 198

Recipient: AR Inhibitor Team

Twelfth Annual AACR Award for Lifetime Achievement in Cancer Research*, Hall A (200 Level), Pennsylvania Convention Center, p. 200

Recipient: Mario R. Capecchi

Ninth Annual AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research*, Hall A (200 Level), Pennsylvania Convention Center, p. 206

Recipient: Donald S. Coffey

9:30 a.m.-12:00 p.m.

Opening Plenary Session

The Genome and Beyond, Lewis C. Cantley, Chairperson, Hall A (200 Level), Pennsylvania Convention Center, p. 210

Speakers: Michael R. Stratton, Tyler Jacks, Stephen B. Baylin, Robert D. Schreiber, William R. Sellers

12:30 p.m.-2:30 p.m.

NCI/NIH-Sponsored Session

Fellowships, Career Development Awards, and Transitioning to Independence Awards*, Ming Lei, Chairperson, Room 105, Pennsylvania Convention Center, p. 212

Speakers: Jonathan S. Wiest, Michael K. Schmidt, Mark Damico, Susan N. Perkins

12:45 p.m.-2:55 p.m.

Clinical Trials Plenary Session

Promising Trials in Immunotherapy, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 213

Speakers: Evan W. Alley, Edward B. Garon, Janos L. Tanyi, Mark R. Middleton, Susan E. Prockop

1:00 p.m.-2:00 p.m.

Meet and Greet

Meet the Editor-in-Chief of *Clinical Cancer Research*: Kenneth C. Anderson, MD*, Booth #1827, Halls B-E (Publications Booth), p. 214

1:00 p.m.-2:30 p.m.

Science Policy Session

The Intersection of Science Policy and Cancer Research: A Town Hall Meeting with the AACR Office of Science Policy and Government Affairs*, William S. Dalton, Chairperson, Room 126, Pennsylvania Convention Center, p. 215

Speakers: Jack Whelan, Jon G. Retzlaff, Carrie Wolinetz, Mary Lee Watts

1:00 p.m.-3:00 p.m.

**Drug Development Track:
Special Session**

New Drugs on the Horizon 1, Lori S. Friedman and Indrawan J. McAlpine, Co-Chairpersons, Room 204, Pennsylvania Convention Center, p. 216

Speakers: Eli M. Wallace, Jeong M. Kim, Hazel Weir, Matthew Burger

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1:00 p.m.-3:00 p.m.

Major Symposia

Autophagy and Cancer, Kay F. Macleod, Chairperson, Room 115, Pennsylvania Convention Center, p. 217

Speakers: Kay F. Macleod, Jorge Moscat, Beth C. Levine, Ravi K. Amaravadi

Cancer, Type 2 Diabetes, and Cardiovascular Disease: Comparison of Risk Factors, Tim E. Byers, Chairperson, Room 120, Pennsylvania Convention Center, p. 217

Speakers: Tim E. Byers, William J. Blot, Goodarz Danaei, Lynne Wilkens

Diverse Strategies for Targeting Ras-Driven Cancers, Karen Cichowski, Chairperson, Room 201, Pennsylvania Convention Center, p. 218

Speakers: Kevan M. Shokat, Karen Cichowski, Jeffrey E. Settleman, Dafna Bar-Sagi

Gene Expression Programs Underlying the Stem Cell State, Rudolf Jaenisch, Chairperson, Room 103, Pennsylvania Convention Center, p. 218

Speakers: Rudolf Jaenisch, Kenneth S. Zaret, George Q. Daley, Bing Ren

Imaging of Immunotherapy in Action, Sanjiv S. Gambhir, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 219

Speakers: Owen N. Witte, Eric T. Ahrens, Jolanda de Vries, Sanjiv S. Gambhir

Pan-Cancer Analysis of Whole Genomes, Peter J. Campbell, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 219

Speakers: Lincoln Stein, Jan Korbel, Joshua M. Stuart, Peter J. Campbell

Tumor Heterogeneity: Targets and Mechanisms, Charles Swanton, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 220

Speakers: Mark J. Smyth, Charles Swanton, René H. Medema, Catherine J. Wu

1:00 p.m.-3:00 p.m.

Professional Advancement Session

Careers in the Pharmaceutical and Biotechnology Industries, Organized by the Associate Member Council (AMC)*, Regency Ballroom A-B (Second Floor), Loews Philadelphia Hotel, p. 221

Speakers: Ira Mellman, Victoria M. Richon

1:00 p.m.-3:00 p.m.

Recent Advances in Diagnostics and Therapeutics Research

Biomarkers of Antiangiogenic Therapy: Are We Lost in Translation? Diether Lambrechts, Chairperson, Room 114, Pennsylvania Convention Center, p. 222

Speakers: Lee M. Ellis, Priti S. Hegde, Diether Lambrechts, Rakesh K. Jain

Genomic Investigations in Childhood Cancers, Olivier Delattre, Chairperson, Room 113, Pennsylvania Convention Center, p. 222

Speakers: John M. Maris, Peter Lichter, Katherine A. Janeway, Olivier Delattre

Phenotypic Screening for Optimizing Cancer Therapy, Mark E. Burkard, Chairperson, Room 118, Pennsylvania Convention Center, p. 223

Speakers: Mark E. Burkard, Brent R. Stockwell, Alejandro Gutierrez, Kris C. Wood

1:00 p.m.-3:00 p.m.

Recent Advances in Epidemiology and Prevention Research

Cancer Immunoprevention, Olivera J. Finn, Chairperson, Room 121, Pennsylvania Convention Center, p. 224

Speakers: Mary L. Disis, Sjoerd H. Van Der Burg, Elizabeth A. Mittendorf, Olivera J. Finn

1:00 p.m.-3:00 p.m.

Recent Advances in Organ Site Research

New Insights in Estrogen Receptor Biology and Implications for Treatment, John A. Katzenellenbogen, Chairperson, Room 108, Pennsylvania Convention Center, p. 225

Speakers: Jason Carroll, Sarat Chandarlapaty, David M. Lonard, John A. Katzenellenbogen

New Insights into the Role of Ultraviolet Radiation in Melanoma, Adele C. Green, Chairperson, Room 119, Pennsylvania Convention Center, p. 225

Speakers: Adele C. Green, Richard M. Marais, Thomas Tuting, David E. Fisher

1:00 p.m.-3:00 p.m.

Regulatory Science and Policy Session

The Role of Neoadjuvant Treatment in Drug Development for Solid Tumors, Tatiana Prowell and Marc Theoret, Co-Chairpersons, Room 122, Pennsylvania Convention Center, p. 226

Speakers: Renzo Canetta, Paul B. Chapman, Robert Dreicer, Caitlin Riley

1:00 p.m.-5:00 p.m.

Poster Sessions

MCB Cell Death Mechanisms*, Section 1, p. 227

MCB Cell Signaling in Cancer 1*, Section 2, p. 228

MCB Computational Tools/Genomic Profiling of Tumors*, Section 3, p. 229

MCB Deregulation of Gene Expression in Prostate Cancer and Sarcoma*, Section 4, p. 230

MCB Histone Methylation and Acetylation*, Section 5, p. 231

MCB Kinases and Inhibitors*, Section 6, p. 232

MCB Long Noncoding RNAs*, Section 7, p. 233

MCB MicroRNA Regulation of Cancer Biology*, Section 8, p. 234

MCB New Insights from Imaging and Cell Isolation*, Section 9, p. 235

MCB Noncoding RNAs in Cancer Biology 1*, Section 10, p. 236

IM Immune Checkpoints*, Section 12, p. 237

IM Tumor Microenvironment/Innate Immune Activators*, Section 13, p. 238

TB 3-D Cultures and Tissue/Organoid Models*, Section 14, p. 239

TB Cell Adhesion and Extracellular Matrix*, Section 15, p. 240

TB Circulating Tumor Cells and Disseminated Tumor Cells*, Section 16, p. 241

TB Crosstalk of the Microenvironment and the Tumor Clone*, Section 17, p. 242

TB Cytokines and Chemokines and the Microenvironment*, Section 18, p. 243

TB Immune Regulation in the Microenvironment*, Section 19, p. 244

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA

MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1;
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SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

TB	Pediatric Cancer: Basic Science 1* , Section 20, p. 245	1:00 p.m.-5:00 p.m.	Late-Breaking Poster Sessions
TB	Signaling Axes Regulating Motility and Invasion* , Section 21, p. 246	ET	Late-Breaking Research: Experimental and Molecular Therapeutics* , Section 39, p. 261
CT	Phase II, III, and Special Population Clinical Trials* , Section 22, p. 261	MCB	Late-Breaking Research: Molecular and Cellular Biology* , Section 41, p. 261
CL	Diagnostic Biomarkers* , Section 23, p. 247	1:30 p.m.-3:00 p.m.	Meet and Greet
CL	Predictive Biomarkers: Lung and Gastrointestinal Cancers* , Section 24, p. 248		
CL	Prognostic and Toxicity Biomarkers* , Section 25, p. 249		
CL	Tumor- and Blood-Based Genotyping* , Section 26, p. 250		MICR Council Meet and Greet* , Chanita Hughes-Halbert, Chairperson, AACRcentral, Booth #725, MICR Networking and Resource Center, Halls B-E, p. 262
ET	Antibody Technologies* , Section 27, p. 251		
ET	Signal Transduction Inhibitors* , Section 28, p. 252		
ET	Targeting Signal Transduction* , Section 29, p. 253	1:30 p.m.-3:00 p.m.	Special Session
ET	Therapeutic Resistance in Hormone-Sensitive Cancers* , Section 30, p. 254		MEG Working Group: The Future of Molecular Epidemiology in the Omics Era* , AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 263
ET	Therapeutic Resistance in Lung Cancer* , Section 31, p. 255		Speakers: David C. Christiani, Jonine D. Figueroa, Christopher I. Amos, Celine M. Vachon, David J. Hunter
ET 1	Tyrosine Kinase and Phosphatase Inhibitors* , Section 32, p. 256		
CG	Carcinogenic Mechanisms 1* , Section 34, p. 257		
EP	Cancer Risk/Mortality: Exposures, Biomarkers, and Genetics 1* , Section 35, p. 258	2:00 p.m.-4:00 p.m.	Meet and Greet
EP	Lifestyle Factors and Cancer Risk/Mortality* , Section 36, p. 259		WICR Council Meet and Greet* , Jessie M. English, Chairperson, AACRcentral, Booth #725, WICR Networking and Resource Center, Halls B-E, p. 264
PR	Modeling Cancer Prevention* , Section 37, p. 260		

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PR = Prevention Research; TB = Tumor Biology

2:30 p.m.-3:30 p.m. **Meet the Research Icon**

Meet the Research Icon - Joan S. Brugge, PhD, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 265

2:30 p.m.-4:00 p.m.

NCI/NIH-Sponsored Session

The Clinical Sequencing Exploratory Research (CSER) Program: Investigating the Actionability of Tumor Sequencing Variants*, Sheri Schully and Carolyn M. Hutter, Moderators, Room 105, Pennsylvania Convention Center, p. 266

Speakers: Gail Jarvik, Donald W. Parsons, Dan Robinson, Nikhil Wagle, Michael O. Dorschner

3:00 p.m.-5:00 p.m.

Regulatory Science and Policy Session

Evolution of Personalized Drug Development in Oncology-Kinase Inhibitors*, Gideon Blumenthal, Chairperson, Room 119, Pennsylvania Convention Center, p. 267

Speakers: Pasi A. Jänne, Mehdi Shahidi, Gideon Bollag, Scott Kopetz, Reena Philip

3:15 p.m.-4:15 p.m.

Meet the Research Icon

Meet the Pancreatic Cancer Research Icon: Anirban Maitra, MBBS*, Franklin Room 8 (Level 4), Philadelphia Marriott Downtown, p. 268

3:15-4:30 p.m.

Awards and Lectures

Tenth Annual AACR-Minorities in Cancer Research Jane Cooke Wright Memorial Lectureship, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 269

Speaker: Lucile L. Adams-Campbell

3:15 p.m.-5:15 p.m.

Clinical Trials Minisymposium

Clinical Trials Minisymposium, David B. Solit and Alessandro D. Santin, Co-Chairpersons, Room 103, Pennsylvania Convention Center, p. 271

Speakers: Matthew Morrow, Steven Coutre, David N. Hayes, Dana E. Rathkopf, Christos Sotiriou

3:15 p.m.-5:15 p.m.

Clinical Trials Plenary Session

Clinical Trials of Combinations of Molecularly Targeted and Nontargeted Therapeutic Agents, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 272

Speakers: Jan H. Schellens, David L. Bajor, Udai Banerji, Jeffrey R. Infante

3:15 p.m.-5:15 p.m.

Drug Development Track: Special Session

New Drugs on the Horizon 2, Alfonso De Dios and Katerina Leftheris, Co-Chairpersons, Room 204, Pennsylvania Convention Center, p. 273

Speakers: Daniel J. Anderson, Arne Scholz, Robert Sims, Dana A. Kennedy

3:15 p.m.-5:15 p.m.

Late-Breaking Minisymposium

Minisymposium: Late-Breaking Research*, Judy Lieberman and William C. Hahn, Co-Chairpersons, Room 122, Pennsylvania Convention Center, p. 270

Speakers: Minan Wang, Vessela N. Kristensen, Jon Roffey, Jonas A. Nilsson, Cristian Tomasetti, Leanne G. Ahronian, Ping Mu

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

3:15 p.m.-5:15 p.m.

Minisymposia

CG **New Carcinogenic Mechanisms Revealed by Gastrointestinal Tract Cancers**, S. Perwez Hussain and Yinling Hu, Co-Chairpersons, Room 108, Pennsylvania Convention Center, p. 274

Speakers: Shalini Datta, Iryna Kindrat, Masahiro Yamamoto, Shouhui Yang, Jian Wang, Nagaraj Nagathihalli, Juan-Yu Piao

CL **Liquid Biopsies**, Caroline Dive and Jorge S. Reis-Filho, Co-Chairpersons, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 274

Speakers: Nicholas C. Turner, Jonathan W. Goldman, Cloud P. Paweletz, Michael Teufel, Leticia De Mattos-Arruda, James I. Lim, Gabriella Sozzi

EP **Biomarkers and Cancer: New Insights**, Sonja I. Berndt and Meira Epplein, Co-Chairpersons, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 275

Speakers: Anouar Fanidi, Jonathan N. Hofmann, Majda Haznadar, Demetrius Albanes, Li Jiao, Baiyu Yang, Thomas U. Ahearn

ET **Cell Cycle Mechanisms of Anticancer Drug Action**, Helen M. Piwnica-Worms and Geoffrey I. Shapiro, Co-Chairpersons, Room 120, Pennsylvania Convention Center, p. 275

Speakers: Xianxian Zheng, Jessica A. Sorrentino, Masanori Kawakami, Alan Eastman, Sami Mahrus, Brian G. Gabrielli, Sharsti L. Sandall

ET **Drug Discovery: New Targets and Antibody-Drug Conjugates**, Elizabeth A. Harrington and Klaus Bosslet, Co-Chairpersons, Room 201, Pennsylvania Convention Center, p. 276

Speakers: Jyoti Asundi, Jay W. Harper, Jun Bao, Veronica Ramirez-Alcantara, Gangadhara R. Sareddy, Thomas Friess, James R. Prudent

MCB **Cancer Genomics: Characterization, Evolution, and Function**, Christoph Lengauer and Hiroyuki Aburatani, Co-Chairpersons, Room 114, Pennsylvania Convention Center, p. 276

Speakers: Nicolas Stransky, Caitlin L. Grzeskowiak, Gunes Gundem, Jesse Boehm, Yutaka Midorikawa, Yevgeniy Gindin

MCB **MYC Family Deregulation and Targeting**, David Dominguez-Sola and Carla Grandori, Co-Chairpersons, Room 118, Pennsylvania Convention Center, p. 277

Speakers: T.S. Karin Eisinger, Dorhyun Johnng, Jessica Koach, Graham Packham, Motoki Takaku, Jonathan R. Hart, Shuai Gao

MCB **Oncogenic Signaling and Cell Death**, Alex Toker and Anthony G. Letai, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 277

Speakers: Ferdinandos Skoulidis, Martin Koehler, Kristopher A. Sarosiek, Sandra S. Zinkel, Mala Shanmugam, Scott H. Olejniczak

TB **Cancer Stem Cells 1**, Andreas Trumpp and Catriona H. Jamieson, Co-Chairpersons, Room 115, Pennsylvania Convention Center, p. 278

Speakers: Vihren N. Kolev, Joseph Dosch, Andrea Viale, Martin Lange, Jian Hu, Jie Li, Steven E. Artandi

TB **Signaling of the Microenvironment Regulates Tumor Progression**, Kornelia Polyak and Peter S. Nelson, Co-Chairpersons, Room 113, Pennsylvania Convention Center, p. 278

Speakers: Gang Zhao, Netai C. Singha, Haley Axelrod, Jacqueline Martinez, Anisha Mathur, Sathish Sivaprakasam, Yoku Hayakawa

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3:30 p.m.-4:30 p.m.

Meet and Greet

Meet the Mentor: Undergraduate Focus*, Kathleen W. Scotto, Chairperson, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 279

Speaker: Roy S. Herbst

4:00 p.m.-5:00 p.m.

Meet and Greet

Meet the Editor-in-Chief of *Cancer Research*: George C. Prendergast, PhD*, Booth #1827, Halls B-E (Publications Booth), p. 280

4:00 p.m.-5:30 p.m.

Special Session

Funding Opportunities in Europe for Creative Minds From Anywhere in the World*, Room 105, Pennsylvania Convention Center, p. 281

Speakers: Nadia El Mjiyad, Laura Soucek, Jason Carroll, Cedric Blanpain, Viktória Bodnárová

4:30 p.m.-5:30 p.m.

Awards and Lectures

Eighteenth Annual Pezcoller Foundation-AACR International Award for Cancer Research, Hall A (200 Level), Pennsylvania Convention Center, p. 282

Speaker: James P. Allison

5:30 p.m.-6:30 p.m.

Awards and Lectures

Presidential Address, Hall A (200 Level), Pennsylvania Convention Center, p. 283

Speaker: Carlos L. Arteaga

6:00 p.m.-8:30 p.m.

Town Meeting

Cancer Immunology (CIMM) Working Group Town Hall Meeting*, Commonwealth Hall A-C (Second Floor), Loews Philadelphia Hotel, p. 284

6:30 p.m.-8:00 p.m.

Networking Hubs

AACR Networking Hubs*, Broad Street Atrium, Pennsylvania Convention Center, p. 285

6:30 p.m.-9:00 p.m.

Town Meeting

AACR Pediatric Cancer Working Group Town Hall Meeting and Networking Reception*, Garrett M. Brodeur, Chairperson, Regency Ballroom C (Second Floor), Loews Philadelphia Hotel, p. 286

7:00 p.m.-8:15 p.m.

Special Session

Clinical Oncology/Hematology Fellows Networking and Mentoring Reception*, Franklin Room 12 (Level 4), Philadelphia Marriott Downtown, p. 287

8:30 p.m.-11:30 p.m.

Annual Reception

Annual Reception*, Grand Ballroom, Philadelphia Marriott Downtown, p. 288

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Monday, April 20, 2015

7:00 a.m.-8:00 a.m.

Meet-the-Expert Sessions

At the Intersection of Chemistry, Genomics, and Biology: Identifying New Targeted Approaches in Leukemia, Room 121, Pennsylvania Convention Center, p. 295

Speaker: Kimberly Stegmaier

Basic Science Insights to Guide PI3K Pathway Targeting in Cancer, Room 113, Pennsylvania Convention Center, p. 295

Speaker: Bart Vanhaesebroeck

Bladder Cancer: Functional Genomics Leading to Targeted Therapy, Room 119, Pennsylvania Convention Center, p. 295

Speaker: Dan Theodorescu

The Cancer Epigenome, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 295

Speaker: Peter A. Jones

Head and Neck Cancer: Translational Research Strategies, Room 122, Pennsylvania Convention Center, p. 296

Speaker: Jennifer R. Grandis

Melanoma - Basic Science, Room 118, Pennsylvania Convention Center, p. 296

Speaker: David E. Fisher

Molecular Pathology in Oncology, Room 114, Pennsylvania Convention Center, p. 296

Speaker: Massimo Loda

Post-GWAS Studies of Epithelial Ovarian Cancer: Now What? Room 204, Pennsylvania Convention Center, p. 296

Speaker: Thomas A. Sellers

Prognostic and Predictive Biomarkers for Anti-HER2 Therapy, Room 120, Pennsylvania Convention Center, p. 297

Speaker: Edith A. Perez

Therapy of Lymphoma Inspired by Functional and Structural Genomics, Room 103, Pennsylvania Convention Center, p. 297

Speaker: Louis M. Staudt

Through the Eyes of a Mouse: The p53 Pathway, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 298

Speaker: Guillermina Lozano

Tumor Dormancy and Metastatic Recurrence, Room 115, Pennsylvania Convention Center, p. 298

Speaker: Ann F. Chambers

Understanding Cancer: Microenvironment Interactions at Multiple Scales, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 298

Speaker: Joe W. Gray

7:00 a.m.-8:00 a.m.

NCI/NIH-Sponsored Session

The NCI PREVENT Cancer Preclinical Drug Development Program*, Room 105, Pennsylvania Convention Center, p. 299

Speaker: Robert H. Shoemaker

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8:00 AM-12:00 p.m.**Poster Sessions**

- MCB** **Cell Death and Survival***, Section 1, p. 300
- MCB** **Cell Signaling in Cancer 2***, Section 2, p. 301
- MCB** **DNA Methylation 1***, Section 3, p. 302
- MCB** **Examination of Cancer Pathways Using Computational Approaches***, Section 4, p. 303
- MCB** **Functional Genomics***, Section 5, p. 304
- MCB** **Metabolic Pathways and Signaling Pathways That Regulate Metabolism***, Section 6, p. 305
- MCB** **Metabolism and Cancer 1***, Section 7, p. 306
- MCB** **Metabolism and Cancer 2***, Section 8, p. 307
- MCB** **Nuclear Tumor Suppressors***, Section 9, p. 308
- MCB** **Unfolded Protein Response and Oxidative Stress***, Section 10, p. 309
- IM** **Human Immunity and Immune Correlates***, Section 11, p. 310
- IM** **Immune Monitoring/Biomarkers***, Section 12, p. 311
- IM** **Tumor Immunology***, Section 13, p. 312
- TB** **Angiogenesis Inhibitors***, Section 14, p. 313
- TB** **Cancer Stem Cell Identification***, Section 15, p. 314
- TB** **Epithelial-Mesenchymal Transition, Mesenchymal-Epithelial Transition, and Related Behaviors***, Section 16, p. 315
- TB** **Human-in-Mouse Models of Cancer 1***, Section 17, p. 316
- TB** **Preclinical and Clinical Imaging of Molecular Events in Tumors***, Section 18, p. 317
- TB** **Solid Tumor Stem Cells***, Section 19, p. 318
- TB** **Therapeutic Targeting of the Microenvironment***, Section 20, p. 319
- CL** **Biomarkers for Early Detection***, Section 22, p. 320
- CL** **Circulating Tumor Cells***, Section 23, p. 321
- CL** **Pediatric Cancer: Clinical Investigations/Regulatory Science and Policy***, Section 24, p. 322

- CT** **Clinical Trials in Progress***, Section 25, p. 333
- ET** **Cell Cycle, DNA, and Transcription Targets***, Section 28, p. 323
- ET** **Growth Factor Receptors and Other Surface Antigens as Targets for Therapy***, Section 29, p. 324
- ET** **In Vitro and In Vivo Models and New Targets***, Section 30, p. 325
- ET** **Inhibitors of UPS and HSP90 Pathways and Other Targets***, Section 31, p. 326
- ET** **Novel Agents and Mechanisms of Action***, Section 32, p. 327
- ET** **Translational Radiation Oncology***, Section 33, p. 328
- CH** **Proteomic and Metabolomic Investigations in Cancer***, Section 35, p. 329
- EN** **Molecular Endocrinology of Cancer 1***, Section 36, p. 330
- EP** **Diet and Cancer Risk/Mortality***, Section 37, p. 331
- PR** **Mechanisms and Markers of Cancer Prevention***, Section 38, p. 332

8:00 a.m.-12:00 p.m.**Late-Breaking Poster Sessions**

- MCB** **Late-Breaking Research: Molecular and Cellular Biology 2***, Section 39, p. 333
- CG** **Late-Breaking Research: Carcinogenesis***, Section 40, p. 333
- CH** **Late-Breaking Research: Cancer Chemistry***, Section 41, p. 333

SCHEDULE OF EVENTS

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8:15 a.m.-10:15 a.m.

Plenary Session

Precision Medicine Comes to Cancer Prevention and Screening, Andrew J. Dannenberg, Chairperson, Hall A (200 Level), Pennsylvania Convention Center, p. 334

Speakers: David A. Ahlquist, Andrew T. Chan, Anna Mae E. Diehl, Douglas R. Lowy

8:15 a.m.-10:15 a.m.

Professional
Advancement Session

WICR Career Mentoring Session*, Lucile L. Adams-Campbell and Pearl S. Huang, Co-Chairpersons, Regency Ballroom A-B (Second Floor), Loews Philadelphia Hotel, p. 335

9:15 a.m.-10:15 a.m.

Career Conversations

Cancer Research Outside of the U.S.: Opportunities for International Trainees in Academia, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 336

Speakers: Mohamed Bentires-Alj, Jan Korbel

9:30 a.m.-11:30 a.m.

Forum

MICR Forum: Transforming from Junior to Senior Faculty: The Unwritten Rules and Advice for a Successful Transition*, Malcolm V. Brock and John M. Carethers, Co-Chairpersons, Room 126, Pennsylvania Convention Center, p. 337

Speakers: Juanita L. Merchant, Herbert Chen, John H. Stewart

10:00 a.m.-11:00 a.m.

Meet and Greet

Meet the AACR Pediatric Cancer Working Group Chairperson, Lee J. Helman, MD*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 338

Meet the Editor-in-Chief of *Cancer Epidemiology, Biomarkers & Prevention*: Timothy R. Rebbeck, PhD*, Booth #1827, Halls B-E (Publications Booth), p. 339

10:30 a.m.-12:00 p.m.

NCI/NIH-Sponsored Session

NCI's Center for Strategic Scientific Initiatives (CSSI): Programs and Highlights*, Emily J. Greenspan, Moderator, Room 105, Pennsylvania Convention Center, p. 340

Speakers: Stephanie Morris, Jennifer Grossman, Robert C. Rivers, Michelle A. Berny-Lang, Anthony Dickherber

10:30 a.m.-12:30 p.m.

Clinical Trials Plenary Session

Clinical Trials of New Drugs in Breast Cancer, Room 103, Pennsylvania Convention Center, p. 341

Speakers: Maura Dickler, Ingrid A. Mayer, Manish Patel, Patricia LoRusso

10:30 a.m.-12:30 p.m.

Major Symposia

Chemical Probes for Use in Cancer Research, Paul Workman, Chairperson, Room 108, Pennsylvania Convention Center, p. 342

Speakers: Paul Workman, Stefan Knapp, Stephen V. Frye, Mark Bunnage

Deregulation of Cancer Hallmarks by microRNAs and other Noncoding RNAs, Frank J. Slack, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 343

Speakers: Pier Paolo Pandolfi, Carlo M. Croce, Phillip A. Sharp, Judy Lieberman

Epigenetic and Transcriptional Control of Senescence, Emily Bernstein, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 343

Speakers: Masashi Narita, Shelley L. Berger, Peter D. Adams, Emily Bernstein

Mechanisms of Tumor Immune Escape, Ton Schumacher, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 344

Speakers: Ton Schumacher, Jerome Galon, Rafi Ahmed, Nir Hacohen

Mechanistic Targets and Intervention Strategies for Breaking the Obesity-Cancer Link, Stephen D. Hursting, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 344

Speakers: Stephen D. Hursting, Pamela J. Goodwin, Andrew J. Dannenberg, John Digiovanni

Targeted Therapies in Hematologic Malignancies, John C. Byrd, Chairperson, Room 201, Pennsylvania Convention Center, p. 345

Speakers: Catherine C. Smith, Michael W. Denninger, Neil P. Shah, Benjamin Ebert, John C. Byrd

Targeting Macromolecular Signaling Complexes, Hao Wu, Chairperson, Room 115, Pennsylvania Convention Center, p. 345

Speakers: Hao Wu, Arvin Dar, Lucio Castilla, Xi He

10:30 a.m.-12:30 p.m.

**Recent Advances in
Diagnostics and
Therapeutics Research**

Dose Optimization for 21st Century Oncology Drugs, Mark J. Ratain, Chairperson, Room 114, Pennsylvania Convention Center, p. 346

Speakers: Mark J. Ratain, Amita Joshi, Jose Pinheiro, Jogarao Gobburu

Exploiting DNA Repair Deficiencies in Cancer, Alan Ashworth, Chairperson, Room 113, Pennsylvania Convention Center, p. 346

Speakers: Gerburg Wulf, Alan D. D'Andrea, Christopher E. Barbieri, Yves G. Pommier, H. Christian Reinhardt

Germline Alterations and Susceptibility to Childhood Cancer, Sharon E. Plon, Chairperson, Room 118, Pennsylvania Convention Center, p. 347

Speakers: David Malkin, Jaclyn Biegel, Lisa L. Wang, Joshua D. Schiffman

10:30 a.m.-12:30 p.m.

**Recent Advances in
Epidemiology and
Prevention Research**

Lung Cancer and COPD: Commonalities, Avrum E. Spira, Chairperson, Room 120, Pennsylvania Convention Center, p. 348

Speakers: A. McGarry Houghton, Steven A. Belinsky, Avrum E. Spira, David C. Christiani

SCHEDULE OF EVENTS

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10:30 a.m.-12:30 p.m.

**Recent Advances in
Organ Site Research**

Metastatic Prostate Cancer Precision Medicine: Challenges and Solutions, Johann S. de Bono, Chairperson, Room 204, Pennsylvania Convention Center, p. 349
Speakers: Arul M. Chinnaiyan, Jun Luo, Karen E. Knudsen, Johann S. de Bono

Recent Advances in Skin Development and Skin Cancers, Fiona M. Watt, Chairperson, Room 121, Pennsylvania Convention Center, p. 349

Speakers: Fiona M. Watt, Elaine Fuchs, Valentina Greco, Suzanne L. Topalian

10:30 a.m.-12:30 p.m.

**Regulatory Science and
Policy Session**

New Drugs: Breakthrough Therapies and Beyond, Amy E. McKee, Chairperson, Room 122, Pennsylvania Convention Center, p. 350

Speakers: Leigh Marcus, Marc Theoret, Antoni Ribas, Angelo De Claro, John C. Byrd, Julia Beaver, Ian E. Krop, Donna Przepiorka, Susan Rheingold

11:00 a.m.-12:00 p.m.

Meet the Research Icon

Meet the Research Icon - Charles L. Sawyers, MD, FAACR, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 351

11:15 a.m.-12:15 p.m.

Career Conversations

Career Paths in Pancreatic Cancer Research*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 352

Speakers: Diane M. Simeone, Kenneth L. Scott

11:30 a.m.-12:30 p.m.

Meet and Greet

Meet the Charlotte Friend Lecturer*, AACRcentral, Booth #725, WICR Networking and Resource Center, Halls B-E, p. 353

Speaker: Sara A. Courtneidge

12:00 p.m.-1:00 p.m.

Career Conversations

In Transition: From Student to Leader, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 354

Speakers: Andrew D. Rhim, Julie K. Schwarz

12:00 p.m.-1:30 p.m.

NCI/NIH-Sponsored Session

The NCI SBIR Program: An Overview of New Funding Opportunities and Strategies for Employing Lean Startup Tools to Drive Success in Your Small Business*, Room 105, Pennsylvania Convention Center, p. 355

Speakers: Michael Weingarten, Andrew J. Kurtz, William Plishker, Lisa Malseed

12:00 p.m.-1:30 p.m. Town Meeting

Chemistry in Cancer Research (CICR) Working Group Town Hall Meeting*, Grand Ballroom Salons I-J (Level 5), Philadelphia Marriott Downtown, p. 356

Speakers: Stephen A. Munk, David E. Uehling, Klaus Pors, Billy W. Day

1:00 p.m.-2:00 p.m. Career Conversations

Postdoc Wanted: The Hunt for the Right Postdoctoral Position, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 360

Speakers: Susan E. Olivo-Marston, Trevor J. Pugh

12:30 p.m.-2:00 p.m. Special Session

TME Working Group: TME Career Opportunities and Challenges for Young Investigators*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 357

Speakers: Raghu Kalluri, Morag Park, Mary H. Barcellos-Hoff

1:00 p.m.-2:00 p.m. Meet and Greet

Meet the Editor-in-Chief of *Cancer Prevention Research*: Scott M. Lippman, MD*, Booth #1827, Halls B-E (Publications Booth), p. 361

12:30 p.m.-2:30 p.m. SU2C Special Session

SU2C Scientific Session: Translating Advances in Immunotherapy to Patient Benefit*, Phillip A. Sharp, Chairperson, Room 120, Pennsylvania Convention Center, p. 358

Speakers: Phillip A. Sharp, Drew M. Pardoll, Andrei Thomas-Tikhonko, Elizabeth M. Jaffee, Ellis L. Reinherz

1:00 p.m.-3:00 p.m. Major Symposia

The 2015 Stanley J. Korsmeyer Memorial Symposium: Cell Death and Cancer Therapy: Why Has Conventional Chemotherapy Been So Successful? Anthony G. Letai, Chairperson, Room 201, Pennsylvania Convention Center, p. 362

Speakers: Anthony G. Letai, Michael T. Hemann, René Bernards, Guido Kroemer

Antiangiogenesis Revisited, Donald M. McDonald, Chairperson, Room 115, Pennsylvania Convention Center, p. 362

Speakers: Donald M. McDonald, Kari K. Alitalo, Gabriele Bergers, Peter Carmeliet

12:45 p.m.-2:00 p.m. Special Session

AACR Annual Business Meeting of Members*, Carlos L. Arteaga, Moderator, Room 119, Pennsylvania Convention Center, p. 359

Interpreting the Cancer Genome in the Clinic, Andy Futreal, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 363

Speakers: Andy Futreal, Eliezer M. Van Allen, Michael F. Berger, Zivana Tezak

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Microbiome and Tumor Immunity, Giorgio Trinchieri, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 363

Speakers: Giorgio Trinchieri, Sergei I. Grivennikov, Christian Jobin, Laurence Zitvogel

Modeling the Noncoding RNA Revolution in Cancer, Pier Paolo Pandolfi, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 364

Speakers: Joshua Mendell, Andrea Ventura, Elsa R. Flores, Frank J. Slack

Targeting Pathway Rewiring to Improve Cancer Therapy, Michael B. Yaffe, Chairperson, Room 103, Pennsylvania Convention Center, p. 364

Speakers: Michael B. Yaffe, Rafaella Sordella, Eric B. Haura, Gary L. Johnson

Tumor Microenvironment, Robert H. Vonderheide, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 365

Speakers: Johanna A. Joyce, Crystal L. Mackall, Elizabeth A. Repasky, Robert H. Vonderheide

1:00 p.m.-3:00 p.m.

**Recent Advances in
Diagnostics and
Therapeutics Research**

Biomarkers for Immunotherapy Response, Thomas F. Gajewski, Chairperson, Room 204, Pennsylvania Convention Center, p. 366

Speakers: Thomas F. Gajewski, Lawrence H. Fong, Paul F. Robbins, Patrick Hwu

Novel Delivery Systems and/or Formulations in Cancer Treatment, Mauro Ferrari, Chairperson, Room 126, Pennsylvania Convention Center, p. 366

Speakers: Mauro Ferrari, Frank McCormick, Vladimir Torchilin, Hongbo Pang, Clay B. Siegal

1:00 p.m.-3:00 p.m.

**Recent Advances in
Epidemiology and
Prevention Research**

Epidemiology of Obesity and Endometrial Cancer, Louise A. Brinton, Chairperson, Room 114, Pennsylvania Convention Center, p. 367

Speakers: Louise A. Brinton, Veronica W. Setiawan, Faina Y. Linkov, Karen H. Lu

1:00 p.m.-3:00 p.m.

**Recent Advances in
Organ Site Research**

The Dharma Master Jiantai Recent Advances in Lung Cancer Session: Progress in Understanding Small Cell Lung Cancer, Julien Sage, Chairperson, Room 121, Pennsylvania Convention Center, p. 368

Speakers: Charles M. Rudin, Anton Berns, Montse Sanchez-Cespedes, Roman K. Thomas

The Emerging Landscape of Epigenetic Therapy for Lymphoid Malignancies, Iannis Aifantis, Chairperson, Room 113, Pennsylvania Convention Center, p. 368

Speakers: Laura Pasqualucci, Jose I. Martin-Subero, Iannis Aifantis, Adolfo Ferrando

Localized Prostate Cancer: Next-Generation Sequencing and Beyond, Felix Y. Feng, Chairperson, Room 108, Pennsylvania Convention Center, p. 369

Speakers: Scott A. Tomlins, Levi A. Garraway, Michael C. Haffner, Felix Y. Feng

Translational Advances in Brain Cancer, Ralph J. DeBerardinis, Chairperson, Room 118, Pennsylvania Convention Center, p. 369

Speakers: Paul S. Mischel, Ingo K. Mellinghoff, Andrew C. Peet, Elizabeth Maher

1:00 p.m.-5:00 p.m.**Poster Sessions**

- MCB** **Biological Conclusions from Computational Approaches***, Section 2, p. 370
- MCB** **Cell Signaling in Cancer 3***, Section 3, p. 371
- MCB** **Deregulation of Gene Expression in Breast and Ovarian Cancer***, Section 4, p. 372
- MCB** **New Developments in Proteomics***, Section 5, p. 373
- MCB** **Oncogenes and Tumor Suppressors 1***, Section 6, p. 374
- MCB** **Oncogenes and Tumor Suppressors 2***, Section 7, p. 375
- MCB** **Oncogenic Transcription Factors***, Section 8, p. 376
- MCB** **Post-Transcriptional and Translational Control***, Section 9, p. 377
- MCB** **Ras, Raf, ERK, and PI3K Pathway Signaling***, Section 10, p. 378
- MCB** **Systematic Analysis of Omic Data***, Section 11, p. 379
- MCB** **Transcriptional Deregulation***, Section 12, p. 380
- TB** **Cancer Stem Cell Signaling Pathways***, Section 14, p. 381
- TB** **Metastasis-Promoting Genes***, Section 15, p. 382
- TB** **Mouse Models of Human Cancer 1***, Section 16, p. 383
- TB** **Stem Cells and Development***, Section 17, p. 384
- TB** **The Immune Microenvironment***, Section 18, p. 385
- TB 1** **Tumor-Microenvironment Interactions***, Section 19, p. 386
- CL** **Circulating Free DNA 1***, Section 21, p. 387
- CL** **Preclinical Targeted Therapy***, Section 22, p. 388
- CH** **Chemical Biology and Structure-Function Studies of Cancer Mechanisms***, Section 23, p. 389
- IM** **Antibodies/Antibody Derivatives***, Section 25, p. 390

- IM** **Tumor Vaccines***, Section 26, p. 391
- ET** **Combination Chemotherapy 1***, Section 27, p. 392
- ET** **DNA Damaging and Antimitotic Agents and Cytotoxicity Modulators***, Section 28, p. 393
- ET** **MAPK, EGFR, and BTK Inhibitors***, Section 29, p. 394
- ET** **Novel Mechanisms of Drug Pharmacology and Toxicity***, Section 30, p. 395
- ET** **Oncogenes, Tumor Suppressor Genes, and Gene Products as Targets for Therapy***, Section 31, p. 396
- ET** **PI3K Pathway and Metabolism Modulators***, Section 32, p. 397
- ET** **Resistance to Pathway-Targeted Therapeutics 1***, Section 33, p. 398
- CG** **Carcinogenic Mechanisms 2***, Section 34, p. 399
- EP** **Familial Cancer: Exposures, Biomarkers, and Genetics***, Section 36, p. 400
- EP** **Molecular and Genetic Epidemiology of Cancer 1: Breast***, Section 37, p. 401
- PR** **Chemoprevention 1***, Section 38, p. 402

1:00 p.m.-5:00 p.m.**Late-Breaking Poster Sessions**

- CL/EN** **Late-Breaking Research: Clinical Research/Endocrinology***, Section 40, p. 403
- TB** **Late-Breaking Research: Tumor Biology 1***, Section 41, p. 403

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA

MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1;
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 PR = Prevention Research; TB = Tumor Biology

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

1:30 p.m.-3:30 p.m.

NCI/NIH-Sponsored Session

What's New in NCI's Center for Cancer Genomics: An Overview of Programs*, Jaime Guidry Auvil and Jean C. Zenklusen, Co-Chairpersons, Room 105, Pennsylvania Convention Center, p. 404

Speakers: Jaime Guidry Auvil, Jean C. Zenklusen, Roy Tarnuzzer, Subhashini Jagu, Zhining Wang, Tanja M. Davidsen, Emma J. Spaulding

2:00 p.m.-2:45 p.m.

NCI/NIH-Sponsored Session

The National Cancer Institute: Challenges and Opportunities*, Room 122, Pennsylvania Convention Center, p. 405

Speaker: Douglas R. Lowy

2:00 p.m.-3:00 p.m.

Meet the Research Icon

Meet the Research Icon - Waun Ki Hong, MD, DMSc (Hon.) FAACR, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 405

2:30 p.m.-3:30 p.m.

Meet and Greet

Meet the 2015-2016 AACR President: José Baselga, MD, PhD*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 406

3:00 p.m.-4:00 p.m.

Meet and Greet

Meet the Jane Cooke Wright Lecturer*, AACRcentral, Booth #725, MICR Networking and Resource Center, Halls B-E, p. 407

Speaker: Lucile L. Adams-Campbell

3:00 p.m.-4:30 p.m.

Meet and Greet

AMC Meet and Greet*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 408

3:00 p.m.-5:00 p.m.

SU2C Special Session

SU2C Scientific Session: Genomics and Beyond-Bringing Personalized Medicine to Cancer Therapy, Phillip A. Sharp, Chairperson, Room 120, Pennsylvania Convention Center, p. 409

Speakers: Phillip A. Sharp, René Bernards, Aleksandar Sekulic, Arul M. Chinnaiyan, Joshua M. Stuart, Hans Clevers

3:00 p.m.-5:00 p.m.

Clinical Trials Minisymposium

Clinical Trials of Novel Therapeutics, Lillian L. Siu and Paul Haluska, Co-Chairpersons, Room 103, Pennsylvania Convention Center, p. 410

Speakers: Alexander N. Starodub, Alexey A. Lugovskoy, Andrew M. Scott, Patricia E. Mccoon, Johanna Bendell

3:00 a.m.-5:00 p.m.

Major Symposium

AACR-JCA Joint Symposium: Current and Evolving Treatment Strategies in Hepatocellular Cancer: From Genomics to Stem Cells and HCV, Lopa Mishra and Shuichi Kaneko, Co-Chairpersons, Room 119, Pennsylvania Convention Center, p. 411

Speakers: Lopa Mishra, Shuichi Kaneko, Tatsuhiko Shibata, K. Rajender Reddy

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PR = Prevention Research; TB = Tumor Biology

3:00 p.m.-5:00 p.m.

Minisymposia

- CH Progress Toward New Drugs and New Drug Technologies**, Matthew A. Marx and Katerina Leftheris, Co-Chairpersons, Room 113, Pennsylvania Convention Center, p. 412
- Speakers:** William C. Shakespeare, Ulrich T. Luecking, Ingo Hartung, Bernard Barlaam, Tony Taldone, Dmitri Simberg, Carlotta Borsoi
- CL Predictive and Prognostic Biomarkers**, Steven D. Averbuch and Laura J. van 't Veer, Co-Chairpersons, Room 115, Pennsylvania Convention Center, p. 412
- Speakers:** Leah Hogdal, William E. Pierceall, Vinay Varadan, Seong-Rim Kim, Wei-Lei Yang, Karin Sundfeldt, Anirban P. Mitra
- ET Molecular Mechanisms of Sensitivity or Resistance to Pathway-Targeted Agents**, Paul Workman and Richard M. Marais, Co-Chairpersons, Room 118, Pennsylvania Convention Center, p. 413
- Speakers:** Lawrence N. Kwong, Clemens Krepler, Paul A. Clarke, Valerie M. Jansen, Aaron N. Hata, Michael W. Schmitt, Hyo-eun C. Bhang
- ET PARP and DNA Repair Inhibitors**, Yves G. Pommier and Malcolm A. Smith, Co-Chairpersons, Room 108, Pennsylvania Convention Center, p. 413
- Speakers:** Nidal E. Muvarak, Junko Murai, David Maag, Alessia Montagnoli, Durga Udayakumar, Vishal Kothari, Samaya Krishnan
- IM Immune Checkpoint Inhibition**, Mario Sznol and Jeffrey A. Sosman, Co-Chairpersons, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 414
- Speakers:** Walter J. Urba, Karsten Pilonis, Paul C. Tumeh*, Andrew J. Rech, Leisha A. Emens, F. Stephen Hodi, Karen S. Anderson

- MCB Cancer Epigenetics**, Feyruz V. Rassool and James M. Flanagan, Co-Chairpersons, Room 201, Pennsylvania Convention Center, p. 414
- Speakers:** Takashi Shimbo, Shuli Xia, Yang Zhang, Michael Phelps, Ana Banito, Anastasia Wyce, Jinfen Xiao
- MCB Noncoding RNAs in Cancer Biology 2**, Erwei Song and Joshua Mendell, Co-Chairpersons, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 415
- Speakers:** Udit Singhal, Xiaowei Chen, Roxana S. Redis, Song-Yi Jung, U-Ging Lo, Stella Chai, Maria A. Cortez
- PR Mechanisms of Cancer Initiation and New Targets for Prevention**, Andrew J. Dannenberg and Cory Abate-Shen, Co-Chairpersons, Room 126, Pennsylvania Convention Center, p. 415
- Speakers:** Priya Bhardwaj, William J. Turbitt, Jennifer E. Beane, Yanhong Liu, James Amos-Landgraf, Hiroshi Y. Yamada, Erik S. Blomain
- TB Epigenetic and Metabolic Regulation in the Microenvironment**, Irene M. Ghobrial and Aldo M. Roccaro, Co-Chairpersons, Room 114, Pennsylvania Convention Center, p. 416
- Speakers:** Jason R. Pitarresi, Sarah R. Amend, Emily K. Colvin, Sandra Cascio, Yuhong Lu, Payal Tiwari, Ang Sun
- TB Mouse Models of Human Cancer 2**, Anton Berns and Lewis A. Chodosh, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 416
- Speakers:** Nina Zanella, Steven M. Lipkin, Mingyao Ying, Karen M. Mann, Daniel L. Abravanel, Lei Nie, Jonathan Cooper

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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

3:30 p.m.-4:30 p.m.

Awards and Lectures

Ninth Annual AACR Princess Takamatsu Memorial Lectureship, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 417

Speaker: Lewis C. Cantley

4:30 p.m.-5:30 p.m.

Awards and Lectures

Thirty-Ninth Annual AACR Richard and Hinda Rosenthal Memorial Award, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 421

Speaker: William C. Hahn

3:30 p.m.-5:00 p.m.

NCI/NIH-Sponsored Session

Biospecimens to Support Cancer Research*, Irina Lubensky, Danielle Carrick, and Helen M. Moore, Co-Chairpersons, Room 105, Pennsylvania Convention Center, p. 418

Speakers: William E. Grizzle, Mark A. Watson, Rulla M. Tamimi, P. Mickey Williams, Judith Keen, Latarsha Carithers

5:00 p.m.-6:30 p.m. AACR/ASCO Joint Session

AACR/ASCO Joint Session: Obesity, Insulin Resistance, and Cancer, Carlos L. Arteaga and Peter Yu, Co-Chairpersons, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 424

Speakers: Clifford A. Hudis, Howard Strickler, Michael N. Pollak

3:30 p.m.-5:30 p.m.

Regulatory Science and Policy Session

Integrating Patient-Reported Outcomes (PROs) into Regulatory Evaluation*, Paul G. Kluetz, Chairperson, Room 122, Pennsylvania Convention Center, p. 419

Speakers: Patricia Spears, Lori M. Minasian, Alicyn Campbell, Laura Lee Johnson, Arturo Molina

5:00 p.m.-6:30 p.m.

Forums

Bridging the Gap between Academia and Industry in Drug Discovery, William Pao, Moderator, Room 204, Pennsylvania Convention Center, p. 422

Speakers: Mace L. Rothenberg, Charles L. Sawyers

The Cancer Epigenome: Is Epigenetic Deregulation the Chicken or the Egg? Stephen B. Baylin, Moderator, Room 113, Pennsylvania Convention Center, p. 422

Speakers: Christopher J. Kemp, Jean-Pierre J. Issa

4:00 p.m.-5:00 p.m.

Meet and Greet

Meet the Editor-in-Chief of *Molecular Cancer Research*: Karen E. Knudsen, PhD*, Booth #1827, Halls B-E (Publications Booth), p. 420

Controversies in RAS Signaling: Wild Type RAS, Tumor Suppressor or Partner in Tumorigenesis? Julian Downward, Moderator, Room 201, Pennsylvania Convention Center, p. 422

Speakers: Kevin M. Shannon, Minh D. To

Dietary Supplements and Cancer Risk and Prognosis, Cornelia M. Ulrich, Moderator, Room 115, Pennsylvania Convention Center, p. 422

Speakers: Marian L. Neuhouwer, Tim E. Byers

Is MET Still a Relevant Target in Lung Cancer? Pasi A. Jänne, Moderator, Room 103, Pennsylvania Convention Center, p. 423

Speakers: Paolo M. Comoglio, D. Ross Camidge

Opportunities and Challenges in the Use of Animal Models for Cancer Target Validation and Drug Development*, Robert T. Abraham, Moderator, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 423

Speakers: Robert T. Abraham, Terry A. Van Dyke, Benoit J. van den Eynde, Neal Goodwin

5:00 p.m.-6:30 p.m. Science Policy Session

Tobacco Control and Electronic Nicotine Delivery Systems (ENDS)*, Roy S. Herbst, Moderator, Room 119, Pennsylvania Convention Center, p. 425

Speakers: Peter G. Shields, Michele Bloch, Matthew L. Myers

5:00 p.m.-6:30 p.m. Special Session

AACR Radiation Oncology Task Force Open Forum and Networking Reception*, Theodore S. Lawrence, Chairperson, Howe Room, 33rd Floor, Loews Philadelphia Hotel, p. 426

Speakers: Quynh-Thu Le, Dennis E. Hallahan

5:00 p.m.-6:30 p.m. Town Meeting

Minorities in Cancer Research Town Meeting*, Chanita Hughes-Halbert, Chairperson, Commonwealth Hall A-B (Second Floor), Loews Philadelphia Hotel, p. 427

5:30 p.m.-6:30 p.m.

Awards and Lectures

Fifty-Fifth Annual AACR G. H. A. Clowes Memorial Award, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 428

Speaker: Owen N. Witte

6:00 p.m.-8:00 p.m.

Special Session

Joint Cancer Immunology (CImm)/Tumor Microenvironment (TME) Working Groups Evening Scientific Session*, Grand Ballroom Salon H (Level 5), Philadelphia Marriott Downtown, p. 429

Speakers: Raghu Kalluri, Tak W. Mak, Nina Bhardwaj

6:30 p.m.-8:00 p.m.

Town Meeting

Molecular Epidemiology (MEG) Working Group Town Hall Meeting*, Grand Ballroom Salons A-B (Level 5), Philadelphia Marriott Downtown, p. 430

6:30 p.m.-8:45 p.m.

Professional Advancement Session

MICR Professional Advancement Reception and Roundtable: Navigating the Road to a Successful Career in Cancer Research*, A. W. Blackstock and Christopher I. Li, Co-Chairpersons, Regency Ballroom (Second Floor), Loews Philadelphia Hotel, p. 431

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Tuesday, April 21, 2015

7:00 a.m.-8:00 a.m.

Meet-the-Expert Sessions

Cell Polarity, Epithelial Homeostasis, and Metastasis, Room 118, Pennsylvania Convention Center, p. 439

Speaker: Ian G. Macara

Delivering on the Promise of Personalized Cancer Therapy, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 439

Speaker: Gordon B. Mills

Drugging the Undruggable Using Fragment-Based Methods, Room 201, Pennsylvania Convention Center, p. 439

Speaker: Stephen W. Fesik

Genomic Approaches to Cancer Drug Discovery, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 439

Speaker: Todd R. Golub

Heterogeneity of Hepatocellular Carcinoma: From Bench to Bedside, Room 121, Pennsylvania Convention Center, p. 440

Speaker: Hongyang Wang

mTOR Complex 1, Metabolism, and Therapeutic Opportunities, Room 115, Pennsylvania Convention Center, p. 440

Speaker: John Blenis

MYC and Metabolism Meet on the Road to Cancer, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 440

Speaker: Chi V. Dang

Myeloid-Derived Suppressor Cells in MDS Pathogenesis, Room 114, Pennsylvania Convention Center, p. 440

Speaker: Alan F. List

Noninvasive Diagnostic Approaches: Circulating Tumor Cells, Room 113, Pennsylvania Convention Center, p. 441

Speaker: Mehmet Toner

Precision Medicine: Intentional and Incidental Germline Testing, Room 103, Pennsylvania Convention Center, p. 441

Speaker: Judy E. Garber

Radiation and Immunotherapy: From Preclinical Models to Cancer Patients, Room 108, Pennsylvania Convention Center, p. 441

Speaker: Silvia C. Formenti

Stem Cells, Room 204, Pennsylvania Convention Center, p. 442

Speaker: Catriona H. Jamieson

XBP1 Promotes Triple-Negative Breast Cancer By Controlling the HIF1 Transcriptional Program, Room 120, Pennsylvania Convention Center, p. 442

Speaker: Laurie Glimcher

8:00 a.m.-12:00 p.m.

Poster Sessions

MCB Autophagy and Metabolic Interactions between Epithelial and Stromal Cells*, Section 1, p. 443

MCB Cell Death Therapies 1*, Section 2, p. 444

MCB DNA Methylation 2*, Section 3, p. 445

MCB Genomics 1*, Section 4, p. 446

MCB Hypoxia*, Section 5, p. 447

MCB Mechanisms of Genomic Instability in Cancers*, Section 6, p. 448

MCB Mitochondrial Function*, Section 7, p. 449

MCB Oncomirs*, Section 8, p. 450

MCB Targeting Cyclin-Dependent Kinases and Checkpoint Kinases for Cancer Therapy*, Section 9, p. 451

MCB Tumor Suppressor miRNAs*, Section 10, p. 452

IM Adoptive Cell Therapies*, Section 12, p. 453

IM Inflammation and Cancer Progression*, Section 13, p. 454

TB Dynamic Regulation of the Tumor Microenvironment*, Section 14, p. 455

TB Human-in-Mouse Models of Cancer 2*, Section 15, p. 456

TB Metastasis-Suppressing Genes*, Section 16, p. 457

TB Pediatric Cancer: Basic Science 2*, Section 17, p. 458

TB Radiation Biology 1: DNA Damage and Repair, Molecular Modulators of Radiation Response, and Resistance*, Section 18, p. 459

TB Radiation Biology 2: Modifiers and Signal Transduction, Sensitivity, Resistance, and Therapy*, Section 19, p. 460

TB Stroma and Immune-Tumor Interactions*, Section 20, p. 461

CL Development of Prognostic and Predictive Biomarker Assays*, Section 21, p. 462

CL Prognostic Biomarkers 1: Gastrointestinal Cancers*, Section 22, p. 463

CL Special Populations, Supportive Care, and Survivorship Research/Radiation Oncology*, Section 23, p. 464

CT Phase I Clinical Trials*, Section 24, p. 476

EN Hormonal Regulation of Tumor Growth and Metastasis*, Section 26, p. 465

ET Combination Chemotherapy 2*, Section 27, p. 466

ET Epigenetic Targets and BET Inhibitors*, Section 28, p. 467

ET Gene- and Vector-Based Therapy*, Section 29, p. 468

ET Molecular Targets*, Section 30, p. 469

ET Resistance to Pathway-Targeted Therapeutics 2*, Section 31, p. 470

ET Targeting Cell Death and DNA Repair*, Section 32, p. 471

CH Drug Discovery: Kinases, Nuclear Hormone Receptors, and Novel Targets*, Section 34, p. 472

CH Nanotechnology, Imaging, Screening, and Informatics*, Section 35, p. 473

EP Descriptive Epidemiology, Health Disparities, and Survivorship*, Section 37, p. 474

PR Novel Developments Spanning Primary to Tertiary Prevention to Reduce the Burden of Cancer*, Section 38, p. 475

8:00 a.m.-12:00 p.m. Late-Breaking Poster Sessions

MCB Late-Breaking Research: Molecular and Cellular Biology 3*, Section 39, p. 476

EP Late-Breaking Research: Epidemiology*, Section 40, p. 476

TB Late-Breaking Research: Tumor Biology 2*, Section 41, p. 476

8:15 a.m.-10:15 a.m. Plenary Session

Drug Resistance, Bert Vogelstein, Chairperson, Hall A (200 Level), Pennsylvania Convention Center, p. 477

Speakers: Bert Vogelstein, Alan Ashworth, Alice T. Shaw, Joan S. Brugge

8:30 a.m.-2:00 p.m. Professional Advancement Session

Special Program for High School Students: The Conquest of Cancer and the Next Generation of Cancer Researchers*, Kathleen W. Scotto, Chairperson, Hall G (100 Level), Pennsylvania Convention Center, p. 478

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA

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SCHEDULE OF EVENTS

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9:00 a.m.-10:00 a.m. Meet and Greet

Meet the Editor-in-Chief of *Molecular Cancer Therapeutics*: Napoleone Ferrara, MD*, Booth #1827, Halls B-E (Publications Booth), p. 479

10:30 a.m.-11:30 a.m. Career Conversations

A Day at the FDA: Careers at the U.S. Food and Drug Administration, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 480

Speakers: Julia A. Beaver, Emily M. Fox

10:30 a.m.-12:00 p.m. NCI/NIH-Sponsored Session

Funding Opportunities for Cancer Research at Multiple NIH Institutes and Centers with NIH Experts*, Phuong Kim Pham, Chairperson, Room 105, Pennsylvania Convention Center, p. 481

Speakers: Rajeev K. Agarwal, Julia T. Arnold, Philip J. Brooks, Rina Das, Pamela A. Marino, Phuong Kim Pham, Syed Musaddaq Quadri, Sundar Venkatachalam, Mukesh Verma

10:30 a.m.-12:30 p.m. Major Symposia

Cellular Reprogramming in Carcinogenesis: Implications for Tumor Heterogeneity, Prognosis, and Therapy, Peter B. Dirks, Chairperson, Room 103, Pennsylvania Convention Center, p. 483

Speakers: Tariq Enver, Florian Greten, John P. Stingl, Peter B. Dirks

Challenges in Mutation Detection, Gad Getz, Chairperson, Room 115, Pennsylvania Convention Center, p. 483

Speakers: Gad Getz, Paul C. Boutros, Ivo Gut, Li Ding

Dharma Master Jiantai Symposium in Biomarkers: Computational Approaches to Cancer Target and Drug Discovery, Bissan Al-Lazikani, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 484

Speakers: Bissan Al-Lazikani, David Haussler, Chris Sander, Nikolaus Schultz, Tudor Oprea

Dharma Master Jiantai Symposium in Targeted Therapy: How to Combine Targeted Therapy with Immunotherapy, Antoni Ribas, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 484

Speakers: Nicholas P. Restifo, Antoni Ribas, Jennifer A. Wargo, Jedd D. Wolchok

Mechanisms of Resistance: From Signaling Pathways to Stem Cells, David A. Cheresh, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 485

Speakers: Jeffrey A. Engelman, Ryan B. Corcoran, Claudia Wellbrock, Max S. Wicha, David A. Cheresh

Metabolism and Aging, Leonard P. Guarente, Chairperson, Room 201, Pennsylvania Convention Center, p. 486

Speakers: Leonard P. Guarente, Raul Mostoslavsky, David M. Sabatini, Manuel Serrano

MICR Scientific Symposium: Emerging Methodology and Tools for Understanding the Genetics of Cancer Disparities, Rick A. Kittles and Lisa A. Newman, Co-Chairpersons, Room 122, Pennsylvania Convention Center, p. 486

Speakers: Julie R. Palmer, Sandra M. Gaston, Xavier Llor

The Tumor Proteome as a Guide for Precision Medicine, Kojo Elenitoba-Johnson, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 487

Speakers: Kojo Elenitoba-Johnson, Gabriela Chiosis, Matthew J. Ellis, Neil Kelleher

10:30 a.m.-12:30 p.m. Professional Advancement Session

Effective Communication with Peers and the Public, Organized by the Associate Member Council (AMC)*, Grand Ballroom Salons A-B (Level 5), Philadelphia Marriott Downtown, p. 488
Speakers: Thomas A. Sellers, V. Craig Jordan, Kathleen H. Goss

10:30 a.m.-12:30 p.m. Recent Advances in Diagnostics and Therapeutics Research

Clinical Applications of Liquid Biopsy: Current Status and Future Developments, Caroline Dive, Chairperson, Room 113, Pennsylvania Convention Center, p. 489
Speakers: Caroline Dive, Alberto Bardelli, Luis A. Diaz, Nitzan Rosenfeld

Curative Ablation of Oligometastases During Systemic Therapy: Patient Selection and Molecular Predictors, Robert G. Bristow, Chairperson, Room 118, Pennsylvania Convention Center, p. 489
Speakers: Paul Okunieff, Robert G. Bristow, Ralph R. Weichselbaum, Alexander Louie

New Strategies in Theranostics, Zaver M. Bhujwala, Chairperson, Room 108, Pennsylvania Convention Center, p. 490
Speakers: Zaver M. Bhujwala, Charles F. Caskey, Xiaoyuan Chen, Sarah M. Cheal

10:30 a.m.-12:30 p.m. Recent Advances in Epidemiology and Prevention Research

Breast Cancer Around the World: Is It the Same Disease? Timothy R. Rebbeck, Chairperson, Room 121, Pennsylvania Convention Center, p. 491
Speakers: Timothy R. Rebbeck, Laura J. van 't Veer, Olufunmilayo I. Olopade, Wei Zheng

10:30 a.m.-12:30 p.m. Recent Advances in Organ Site Research

Elucidating Mechanisms that Underlie the Development of Pediatric Brain Cancers, Suzanne J. Baker, Chairperson, Room 204, Pennsylvania Convention Center, p. 492
Speakers: Suzanne J. Baker, William A. Weiss, Michael D. Taylor, Robert J. Wechsler-Reya

The Expanding Prostate Cancer Imaging Armamentarium: New Tools for Tackling a Heterogeneous Disease, Hedvig Hricak, Chairperson, Room 119, Pennsylvania Convention Center, p. 492
Speakers: Hedvig Hricak, Masoom A. Haider, Peter Choyke, Uwe Haberkorn

MicroRNAs and Long Noncoding RNAs in the Pathogenesis of Liver Cancer: From Function to Therapeutics, Sakari Kauppinen, Chairperson, Room 114, Pennsylvania Convention Center, p. 493
Speakers: Tushar Patel, Kalpana Ghoshal, Sakari Kauppinen, Sinil Kim

10:30 a.m.-12:30 p.m. Special Sessions

2014 Pancreatic Cancer Action Network-AACR Research Grants Poster and Presentation Session*, Commonwealth Hall (Second Floor), Loews Philadelphia Hotel, p. 494

Fourth Annual AACR-PCWG Special Scientific Session: Optimizing Targeted Therapy Avenues for Pediatric Cancers, Lee J. Helman, Moderator, Room 126, Pennsylvania Convention Center, p. 495
Speakers: Brenda J. Weigel, David M. Langenau, Michael C. Jensen, Garrett M. Brodeur

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

10:30 a.m.-12:40 p.m.

Clinical Trials Plenary Session

Clinical Trials Using PARP Inhibitors, Room 120, Pennsylvania Convention Center, p. 482

Speakers: Joaquin Mateo, Vasiliki Michalarea, Ursula A. Matulonis, Patricia M. LoRusso, Victoria L. Chiou

12:00 p.m.-1:00 p.m.

Meet and Greet

Meet the Editor-in-Chief of *Cancer Immunology Research*, Glenn Dranoff, MD*, Booth #1827, Halls B-E (Publications Booth), p. 496

12:00 p.m.-1:30 p.m.

NCI/NIH-Sponsored Session

Technology Transfer and Intellectual Property: Financial and Career Opportunities for Researchers*, Phuong Kim Pham, Chairperson, Room 105, Pennsylvania Convention Center, p. 496

Speakers: Joseph G. Contrera, Jason V. Cristofaro, Thomas J. Siepmann, Laurie Whitney, Phuong Kim Pham

12:30 p.m.-1:00 p.m.

Awards and Lectures

Eleventh Annual Gertrude B. Elion Cancer Research Award Lecture, Room 204, Pennsylvania Convention Center, p. 497

Speaker: Matthew G. Vander Heiden

12:30 p.m.-1:00 p.m.

Recent Advances in Diagnostics and Therapeutics Research

Dedicated to the Memory of Dr. Eddie Reed*, Room 121, Pennsylvania Convention Center, p. 498

Speakers: Bruce A. Chabner, Chanita Hughes-Halbert

1:00 p.m.-2:00 p.m.

Career Conversations

Calling All Physician-Scientists: Pursuing a Career in Both Science and Medicine, Organized by the Associate Member Council (AMC)*, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 500

Speakers: Kimberly Stegmaier, David T. Ting

1:00 p.m.-3:00 p.m.

Major Symposia

Adoptive T Cell Therapy, Carl H. June, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 501

Speakers: Carl H. June, Michel Sadelain, Philip D. Greenberg, Malcolm K. Brenner

Aging and Senescence, Jan M. Van Deursen, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 501

Speakers: Scott W. Lowe, Judith Campisi, Jan M. Van Deursen, John M. Sedivy

Applying Systems Biology in the Oncology Clinic, Morag Park, Chairperson, Room 118, Pennsylvania Convention Center, p. 502

Speakers: Franziska Michor, Michael F. Moran, Ross L. Levine, Surojit Sur, Morag Park

Chronic Infections Driving Cancer, Cynthia L. Sears, Chairperson, Room 103, Pennsylvania Convention Center, p. 502

Speakers: Catherine de Martel, Maura L. Gillison, Cynthia L. Sears, David Thomas

Empowering Antibodies to Fight Cancer: ADCs and Immunoconjugates, Jonathan G. Drachman, Chairperson, Room 201, Pennsylvania Convention Center, p. 503

Speakers: Jonathan G. Drachman, Paul G. Polakis, Anna M. Wu, Dario Neri

Intraoperative Imaging, Samuel Achilefu, Chairperson, Room 115, Pennsylvania Convention Center, p. 503

Speakers: Samuel Achilefu, Eben L. Rosenthal, David G. Kirsch, Vasilis Ntziachristos

Liquid Biopsy Approaches for Detecting, Monitoring, and Characterizing Human Cancer, Victor E. Velculescu, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 504

Speakers: Daniel A. Haber, Michael R. Speicher, Johan Skog, Victor E. Velculescu

Targeting MYC to Treat Cancer, Gerard I. Evan, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 504

Speakers: Gerard I. Evan, Rosalie C. Sears, Marie Arsenian-Henriksson, James E. Bradner

1:00 p.m.-3:00 p.m. Professional Advancement Session

Science Reproducibility: Proper Management and Publication of Data, Organized by the Associate Member Council (AMC)*, Grand Ballroom Salons A-B (Level 5), Philadelphia Marriott Downtown, p. 505

Speakers: Yves A. Declerck, Jean C. Zenklusen, Lee M. Ellis

1:00 p.m.-3:00 p.m. Recent Advances in Diagnostics and Therapeutics Research

DNA Repair Pathways in Cancer: Basic Biology and Clinical Utility, Andrea L. Richardson, Chairperson, Room 121, Pennsylvania Convention Center, p. 499

Speakers: Junjie Chen, Courtney Hodges, Phillip P. Connell, Andrea L. Richardson, Serena Nik-Zainal

Metabolism and Adaptive Immune Responses, Douglas R. Green, Chairperson, Room 204, Pennsylvania Convention Center, p. 506

Speakers: Steven Bensinger, Shao-Cong Sun, Douglas R. Green, Jonathan D. Powell

1:00 p.m.-3:00 p.m.

Recent Advances in Epidemiology and Prevention Research

Cancer Risk Factors and Targeted Screening, Graham A. Colditz, Chairperson, Room 119, Pennsylvania Convention Center, p. 507

Speakers: Graham A. Colditz, Celine M. Vachon, Andrew H. Beck, Michael W. Kattan

1:00 p.m.-3:00 p.m.

Recent Advances in Organ Site Research

Modeling Human Sarcomas, Mario R. Capecchi, Chairperson, Room 108, Pennsylvania Convention Center, p. 508

Speakers: Mario R. Capecchi, Charles Keller, Torsten H. Nielsen, Marc Ladanyi

Pancreatic Cancer: The Promise and Pitfalls of Targeting the Stroma, Ben Z. Stanger, Chairperson, Room 114, Pennsylvania Convention Center, p. 508

Speakers: Steven D. Leach, Marina Pasca Di Magliano, Ronald M. Evans, Ben Z. Stanger

What Does Stem Cell Reprogramming Teach Us About Hematologic Malignancies? Ash A. Alizadeh, Chairperson, Room 113, Pennsylvania Convention Center, p. 509

Speakers: Ash A. Alizadeh, Eftychia Apostolou, Jose Polo, Eirini Papapetrou

1:00 p.m.-3:00 p.m.

Regulatory Science and Policy Session

Incorporating Next-Generation Sequencing (NGS) into Oncology Diagnostics, Therapeutics, and Treatment, Laura J. van 't Veer, Chairperson, Room 122, Pennsylvania Convention Center, p. 510

Speakers: Mia A. Levy, Barbara A. Conley, Elizabeth Mansfield, Dane Dickson

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

1:00 p.m.-5:00 p.m.

Poster Sessions

- MCB** **Cancer Systems Biology***, Section 1, p. 511
- MCB** **Cell Cycle Regulatory Pathways***, Section 2, p. 512
- MCB** **Cell Death Therapies 2***, Section 3, p. 513
- MCB** **Epigenetic Changes in Cancer 1***, Section 4, p. 514
- MCB** **Genomic Instability in Cancer Development and Treatment***, Section 5, p. 515
- MCB** **Genomics 2***, Section 6, p. 516
- MCB** **Growth Factors and GTPases***, Section 7, p. 517
- MCB** **Identification of Genes and Pathways Involved in Cancer Pathogenesis***, Section 8, p. 518
- MCB** **MicroRNA Cancer Diagnostics and Therapeutics***, Section 9, p. 519
- MCB** **MicroRNA Profiling and Cancer***, Section 10, p. 520
- MCB** **Tumor Cell-Stromal and Cell-Cell Interactions***, Section 11, p. 521
- IM** **Adaptive Immunity and Immune Tolerance***, Section 13, p. 522
- TB** **Cancer Stem Cells 2***, Section 15, p. 523
- TB** **Cancer Stem Cells and Epithelial-Mesenchymal Transition***, Section 16, p. 524
- TB** **Clonal Evolution and Antimetastatic Therapies***, Section 17, p. 525
- TB** **Extrinsic Modulators of Motility and Invasion***, Section 18, p. 526
- TB** **Molecular Mechanisms of Angiogenesis***, Section 19, p. 527
- TB** **Mouse Models of Human Cancer 3***, Section 20, p. 528
- TB** **Therapeutics Targeting Cancer Stem Cells***, Section 21, p. 529
- CL** **Genomics in the Clinic 1***, Section 23, p. 530
- CL** **Novel Immunomodulators***, Section 24, p. 531

- CL** **Predictive Biomarkers 2***, Section 25, p. 532
- CL** **Prognostic Biomarkers 2: Prostate Cancer and Thoracic Malignancies***, Section 26, p. 533
- ET** **New Targets 1***, Section 27, p. 534
- ET** **Novel Drug Delivery Systems***, Section 28, p. 535
- ET** **Novel Mechanisms of Drug Response, Sensitivity, or Resistance 1***, Section 29, p. 536
- ET** **Novel Targets 1***, Section 30, p. 537
- ET** **Novel Targets 2***, Section 31, p. 538
- ET** **Pharmacokinetics and Pharmacodynamics***, Section 32, p. 539
- CH** **Drug Discovery, Drug Targeting, and Drug Delivery***, Section 33, p. 540
- CG** **Prevention, Intervention, and Modulation of Carcinogenic Risk***, Section 34, p. 541
- EP** **Molecular and Genetic Epidemiology of Cancer 2: Colorectal, Lung, and Prostate***, Section 35, p. 542
- EP** **Molecular and Genetic Epidemiology of Cancer 3***, Section 36, p. 543
- PR** **Chemoprevention 2***, Section 37, p. 544

1:00 p.m.-5:00 p.m.

Late-Breaking Poster Sessions

- IM** **Late-Breaking Research: Immunology***, Section 39, p. 545
- ET** **Late-Breaking Research: Experimental and Molecular Therapeutics 2***, Section 40, p. 545

1:30 p.m.-3:00 p.m.

NCI/NIH-Sponsored Session

Research Priorities for NCI's Center for Global Health*, Lisa M. Stevens and Paul C. Pearlman, Moderators, Room 120, Pennsylvania Convention Center, p. 546

Speakers: Lisa M. Stevens, Paul C. Pearlman, Wael El-Rifai, Kathleen Schmeler

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA

MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1;
CG = Carcinogenesis; CH = Cancer Chemistry;
CL = Clinical Research; EN = Endocrinology; EP = Epidemiology;
ET = Experimental and Molecular Therapeutics; IM = Immunology;
PR = Prevention Research; TB = Tumor Biology

2:30 p.m.-3:30 p.m. Meet and Greet

Meet the Mentor: Undergraduate Focus*, Kathleen W. Scotto, Chairperson, AACRCentral, Booth #725, AACR Amphitheater, Halls B-E, p. 547

Speaker: Patricia M. LoRusso

3:00 p.m.-4:00 p.m. Awards and Lectures

Ninth Annual AACR Award for Outstanding Achievement in Chemistry in Cancer Research, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 548

Speaker: Philip S. Low

Twenty-Fourth Annual AACR-American Cancer Society Award for Research Excellence in Cancer Epidemiology and Prevention, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 549

Speaker: Mitchell H. Gail

3:00 p.m.-5:00 p.m. Clinical Trials Minisymposium

Clinical Trials of Agents Targeting Breast and Prostate Cancers, Nicholas C. Turner and Helen X. Chen, Co-Chairpersons, Room 103, Pennsylvania Convention Center, p. 550

Speakers: Johann de Bono, Lillian L. Siu, Payal D. Shah, Nicholas C. Turner, Vuk Stambolic

3:00 p.m.-5:00 p.m. Major Symposia

AACR-CIMM-CIMT Joint Session on Immune-Informatics and the Tumor Microenvironment to Boost Cancer Immunotherapy, Sjoerd H. Van Der Burg and Cedrik M. Britten, Co-Chairpersons, Room 119, Pennsylvania Convention Center, p. 551

Speakers: Joel Dudley, Zlatko Trajanoski, George Coukos, Arnold J. Levine

AACR-CSCO Joint Session: Using Genome Sequencing to Identify Responders to Targeted and Immune

Therapeutics, Lillian L. Siu and Xuchao Zhang, Co-Chairpersons, Room 114, Pennsylvania Convention Center, p. 551

Speakers: Lillian L. Siu, Xuchao Zhang, Yangqiu Li, Timothy A. Chan

CTD² Network: Accelerates Translation of Patient Genomic Data to Improved Patient Outcomes, Daniela S. Gerhard, Chairperson, Room 105, Pennsylvania Convention Center, p. 552

Speakers: Andrea Califano, William C. Hahn, Stuart L. Schreiber, Scott W. Lowe, Calvin J. Kuo

3:00 p.m.-5:00 p.m. Minisymposia

CL Precision Medicine in the Clinic, Pasi A. Jänne and David B. Solit, Co-Chairpersons, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 553

Speakers: Lynette M. Sholl, Juliann Chmielecki, Bradley Garman, Takashi Nakaoku, Roman Yelensky, Darren Finlay, Chantal Pauli

EN Molecular Endocrinology of Breast and Prostate Cancer, Lesley-Ann Martin and Myles A. Brown, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 553

Speakers: Arunkumar Arumugam, Yingfeng Zheng, Diana C. West, Takuma Uo, Laura Cato, Mohammad Saleem, Hua Li

EP Molecular and Genetic Epidemiology of Cancer 4: New Insights, Brandon L. Pierce, Chairperson, Room 108, Pennsylvania Convention Center, p. 554

Speakers: Daniel C. Beachler, Nora Pashayan, Jonine D. Figueroa, Jan P. Dumanski, Joseph Usset, Fergus J. Couch, Ericka M. Ebot

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

ET **Exploiting the MAPK Pathway in Cancer**, S. G. Eckhardt and Alex A. Adjei, Co-Chairpersons, Room 115, Pennsylvania Convention Center, p. 554

Speakers: Kiriko Hiraoka, Asfar S. Azmi, Janet A. Houghton, Tina L. Yuan, Takahiro Inoue, Lusong Luo, Dean J. Welsch

ET **Refined Targeting of the PI3K Pathway in Cancer**, Phillip A. Dennis and David A. Fruman, Co-Chairpersons, Room 113, Pennsylvania Convention Center, p. 555

Speakers: Chan Kim, Jennifer Yang, Simon T. Barry, Kwong-Kwok Wong, Ronald Linnartz, Yuji Hatanaka, Cheryl A. London

IM **Adoptive Immunotherapy**, Nabil Ahmed and Michael C. Jensen, Co-Chairpersons, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 555

Speakers: Aaron Rapoport, Adrienne H. Long, Somala Mohammed, Sander Kelderman, Elad Jacoby, Edmund K. Moon, Melinda S. Merchant

MCB **Metabolism and Cancer 3**, Chi V. Dang and Valeria R. Fantin, Co-Chairpersons, Room 201, Pennsylvania Convention Center, p. 556

Speakers: Brian J. Altman, Gregory S. Ducker, Lindsey K. Boroughs, Francesco Parlati, Divya Sahu, Sukaina Rashid

MCB **Targeting Signaling Pathways in Cancer**, Lloyd C. Trotman and Jean J. Zhao, Co-Chairpersons, Room 204, Pennsylvania Convention Center, p. 556

Speakers: Brooke M. Emerling, Lydia W. Cheung, Pengrong Yan, Yuliang Sun, Chen Chen Jiang, Sabina Cosulich, Alice H. Hsu

TB **Clonal Evolution, Epithelial-Mesenchymal Transition, and Metastatic Colonization**, Filippo G. Giancotti and Sandra S. McAllister, Co-Chairpersons, Room 118, Pennsylvania Convention Center, p. 557

Speakers: Dingcheng Gao, Goutam Chakraborty, Yaiza Del Pozo Martin, Vicki Plaks, Amber J. Giles, Shamileh Fouladdel, Priscilla K. Brastianos

TB **Pediatric Cancer: Basic Science 3**, A. Thomas Look and Rani E. George, Co-Chairpersons, Room 120, Pennsylvania Convention Center, p. 557

Speakers: Kristopher A. Sarosiek, Shalini C. Reshmi, Sanford M. Simon, Anton Henssen, Charles G. Mullighan, Myron Ignatius, Robert W. Schnepf

3:00 p.m.-5:00 p.m.

Regulatory Science and Policy Sessions

Clinical Trial Enrichment Strategies: Designing a Prospectively Defined Retrospective Analysis Study, Eric H. Rubin, Chairperson, Room 122, Pennsylvania Convention Center, p. 558

Speakers: Geoffrey Kim, Richard M. Simon, Lisa M. McShane, Cyrus R. Mehta, Yun-Fu Hu

Regulatory Strategies to Expedite Oncology Drug Development, Mace L. Rothenberg and Tatiana Prowell, Co-Chairpersons, Room 126, Pennsylvania Convention Center, p. 559

Speakers: Julia Beaver, Deborah Armstrong, Hans Loland, Jorge Martinalbo, John Burke, Erling T. Donnelly

3:30 p.m.-4:30 p.m.

Meet and Greet

Meet the Director and Staff of the NCI-Center to Reduce Cancer Health Disparities*, Sanya A. Springfield, Chairperson, AACRcentral, Booth #725, MICR Networking and Resource Center, Halls B-E, p. 560

4:00 p.m.-5:00 p.m.

Meet and Greet

Meet the Editors-in-Chief of *Cancer Discovery*: Lewis C. Cantley, PhD, and José Baselga, MD, PhD*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 561

4:15 p.m.-5:15 p.m.

Awards and Lectures

Thirty-Fifth Annual AACR Award for Outstanding Achievement in Cancer Research, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 562

Speaker: Christopher R. Vakoc

Twentieth Annual AACR Joseph H. Burchenal Memorial Award for Outstanding Achievement in Clinical Cancer Research, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 563

Speaker: Elizabeth M. Jaffee

5:00 p.m.-6:30 p.m.

Forums

Are Cancer Stem Cells Relevant to the Success of Human Cancer Therapy? Benjamin G. Neel, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 564

Speakers: Ross L. Levine, Jenny C. Chang, Peter B. Dirks

Avatar Mouse Models for Personalized Cancer Treatment, Manuel Hidalgo, Moderator, Room 103, Pennsylvania Convention Center, p. 564

Speakers: Giorgio Inghirami, David Sidransky

Challenges in Trial Design for the Genomic Era, Donna S. Neuberg, Moderator, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 564

Speakers: Donna S. Neuberg, Gideon Blumenthal, Susan Geyer, Lisa M. McShane, David P. Schenkein

Role of Autophagy in Cancer Development, Progression, and Therapy, Eileen P. White, Moderator, Room 204, Pennsylvania Convention Center, p. 564

Speakers: Alec C. Kimmelman, Jayanta Debnath

Value-Based Drug Development, Ellen V. Sigal, Moderator, Room 126, Pennsylvania Convention Center, p. 565

Speakers: Ellen V. Sigal, Richard L. Schilsky, Mace L. Rothenberg, Andrea S. Ferris, Louis J. DeGennaro

What is the Real Target of Bromodomain Inhibitors?

Johnathan R. Whetstine, Moderator, Room 115, Pennsylvania Convention Center, p. 565

Speakers: Panagis Filippakopoulos, Chris Carpenter

5:00 p.m.-6:30 p.m.

NCI/NIH-Sponsored Session

The NCI RAS Initiative at the Frederick National Laboratory for Cancer Research*, Room 105, Pennsylvania Convention Center, p. 566

Speakers: Frank McCormick, Rachel K. Bagni, Tina L. Yuan, Matthew Holderfield, John C. Hunter, Lynn McGregor

5:00 p.m.-6:30 p.m.

Regulatory Science and Policy Session

FDA's Proposed Framework to Regulate Laboratory-Developed Tests (LDTs), Laura J. van 't Veer, Chairperson, Room 122, Pennsylvania Convention Center, p. 567

Speakers: Elizabeth Mansfield, Curtis A. Hanson

5:00 p.m.-6:30 p.m.

Special Session

MYC Pathway Social Interactome*, Liberty Ballroom (Level 3), Philadelphia Marriott Downtown, p. 568

Speakers: Justin Guinney, Rodrigo Dienstmann

5:30 p.m.-6:30 p.m.

Awards and Lectures

Third Annual AACR-Cancer Research Institute Lloyd J. Old Award in Cancer Immunology, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 569

Speaker: Carl H. June

6:30 p.m.-8:30 p.m.

Town Meeting

Tumor Microenvironment (TME) Working Group Town Hall Meeting*, Raghu Kalluri and Morag Park, Co-Chairpersons, Grand Ballroom Salons C-D (Level 5), Philadelphia Marriott Downtown, p. 570

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Wednesday, April 22, 2015

7:00 a.m.-8:00 a.m.

Meet-the-Expert Sessions

Beyond Oncogenes: What are the Next Categories of Anticancer Targets? Room 113, Pennsylvania Convention Center, p. 574

Speaker: Tak W. Mak

DNA Damage, Checkpoint Signaling, and Therapeutic Opportunities, Room 108, Pennsylvania Convention Center, p. 574

Speaker: Helen M. Piwnica-Worms

The Gut Microbiome and Colorectal Cancer: Who Is There and What Are They Doing? Room 122, Pennsylvania Convention Center, p. 574

Speaker: Temitope O. Keku

Multiple Biochemical Pathways Controlling Cell Death, Room 121, Pennsylvania Convention Center, p. 574

Speaker: Xiaodong Wang

Reporting Germline Findings from Clinical Genome Sequencing Trials, Room 119, Pennsylvania Convention Center, p. 574

Speaker: Sharon E. Plon

Tissue Tension Engages Developmental Programs to Promote Tumor Progression, Room 115, Pennsylvania Convention Center, p. 575

Speaker: Valerie M. Weaver

Understanding Sensitivity and Resistance to Targeted Therapeutics and Immunotherapeutics Using Mouse Models of Lung Cancer, Room 120, Pennsylvania Convention Center, p. 575

Speaker: Kwok-Kin Wong

Update on Targeting PI3K α in Breast Cancer, Room 103, Pennsylvania Convention Center, p. 575

Speaker: José Baselga

8:00 a.m.-10:00 a.m.

Plenary Session

Oncology Meets Immunology: Not Just Another "Hallmark," Robert H. Vonderheide, Chairperson, Terrace Ballroom I-IV (400 Level), Pennsylvania Convention Center, p. 576

Speakers: Glenn Dranoff, Lisa M. Coussens, Elizabeth M. Jaffee, Ira Mellman

8:00 a.m.-12:00 p.m.

Poster Sessions

MCB Advances in Genomics and Transcriptomics*, Section 1, p. 577

MCB Epigenetic Changes in Cancer 2*, Section 2, p. 578

MCB Genomics 3*, Section 3, p. 579

MCB Identification of Molecular Markers*, Section 4, p. 580

MCB Methods and Tools in Computational Cancer Biology*, Section 5, p. 581

MCB New Developments in Sequencing*, Section 6, p. 582

MCB New Technologies to Identify Genetic Alterations*, Section 7, p. 583

MCB Oncogenes and Tumor Suppressors 3*, Section 8, p. 584

MCB Protein and Lipid Modifications in Cancer*, Section 9, p. 585

MCB Receptor Signaling and Cancer*, Section 10, p. 586

IM Therapeutics and Therapeutic Models*, Section 11, p. 587

EN Molecular Endocrinology of Cancer 2*, Section 12, p. 588

TB Biomarkers and Clinical Implications of the Tumor Microenvironment*, Section 14, p. 589

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA

MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1;
CG = Carcinogenesis; CH = Cancer Chemistry;
CL = Clinical Research; EN = Endocrinology; EP = Epidemiology;
ET = Experimental and Molecular Therapeutics; IM = Immunology;
PR = Prevention Research; TB = Tumor Biology

TB	Factors Regulating Motility and Invasion* , Section 15, p. 590
TB	Imaging of Molecular and Cellular Events in Tumors and Tumor Cells* , Section 16, p. 591
TB	Other Animal Species and Cell Models of Cancer* , Section 17, p. 592
TB	Predicting, Profiling, and Imaging Prospective and Established Metastases* , Section 18, p. 593
TB	Tumor Metastasis* , Section 19, p. 594
TB 1	Tumor-Host Interactions* , Section 20, p. 595
CL	Circulating Free DNA 2* , Section 22, p. 596
CL	Genomics in the Clinic 2* , Section 23, p. 597
CL	Prognostic Biomarkers 3: Breast, Central Nervous System, Gynecological, and Hematological Cancer* , Section 24, p. 598
ET	Apoptosis: Therapeutic Manipulation* , Section 27, p. 599
ET	Drug Discovery* , Section 28, p. 600
ET	Histone Deacetylase Inhibitors, Methyltransferase Inhibitors, and Other Targets* , Section 29, p. 601
ET	Kinase Inhibitors and Other Targets* , Section 30, p. 602
ET	New Targets 2/Novel Assay Technologies* , Section 31, p. 603
ET	Novel Mechanisms of Drug Response, Sensitivity, or Resistance 2* , Section 32, p. 604
ET	Pharmacogenomics* , Section 33, p. 605
ET	Role of the Microenvironment and Tumor Metabolism in Therapeutic Response* , Section 34, p. 606
CH	Drug Delivery* , Section 36, p. 607
CH	Natural Products* , Section 37, p. 608
EP	Cancer Risk/Mortality: Exposures, Biomarkers, and Genetics 2* , Section 38, p. 609

8:00 a.m.-12:00 p.m. Late-Breaking Poster Sessions

PR	Late-Breaking Research: Prevention Research* , Section 40, p. 610
MCB	Late-Breaking Research: Molecular and Cellular Biology 4* , Section 41, p. 610

10:00 a.m.-11:30 a.m. NCI/NIH-Sponsored Session

Resources for Achieving Truly Transdisciplinary Science: Current Models from NCI-Funded Initiatives*, Krista A. Zanetti, Moderator, Room 105, Pennsylvania Convention Center, p. 611

Speakers: Sarah Gehlert, Marian L. Neuhouser, Nathan A. Berger, Kathryn H. Schmitz

10:00 a.m.-12:00 p.m. Major Symposia

The Bayard D. Clarkson Symposium: Stem Cells and Cancer Cell of Origin, Connie J. Eaves, Chairperson, Room 204, Pennsylvania Convention Center, p. 612

Speakers: Cedric Blanpain, Carla F. Kim, Hanno Glimm, Connie J. Eaves

Enhancing Efficacy of Cancer Immunotherapy by Use of Ablative Therapy, Bo Lu, Chairperson, Room 113, Pennsylvania Convention Center, p. 612

Speakers: James P. Allison, James W. Hodge, Yang-xin Fu, Drew M. Pardoll

Epigenetic Mechanisms in Cancer Risk, Cheryl L. Walker, Chairperson, Room 120, Pennsylvania Convention Center, p. 613

Speakers: Manel Esteller, Yun (Nancy) Huang, Megan P. Hitchins, Katherine B. Chiappinelli, Cheryl L. Walker

Innate and Adaptive Immunity in Cancer, Douglas T. Fearon, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 614

Speakers: Alexander Rudensky, Matthew Krummel, Jeffrey W. Pollard, Douglas T. Fearon

Nucleotide Metabolism in Cancer Cell Growth and Survival, Brendan D. Manning, Chairperson, Room 103, Pennsylvania Convention Center, p. 614

Speakers: Brendan D. Manning, Joshua D. Rabinowitz, Karen H. Vousden, Thomas Helleday

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Oncometabolites, Craig B. Thompson, Chairperson, Room 201, Pennsylvania Convention Center, p. 615

Speakers: Craig B. Thompson, Alberto Martin, Marion Dorsch, Navdeep S. Chandel

Proteogenomics and Phosphoproteomics in Cancer:

Analysis of the TCGA Tumor Samples, Steven A. Carr and Douglas R. Lowy, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 615

Speakers: Daniel C. Liebler, Philipp Mertins, Karin D. Rodland, Amanda G. Paulovich

Heterogeneity and Microenvironment: Drivers of Breast

Cancer Evolution, Jeffrey M. Rosen, Chairperson, Room 115, Pennsylvania Convention Center, p. 618

Speakers: Jeffrey M. Rosen, Jorge S. Reis-Filho, Kornelia Polyak, Morag Park

Pancreatic Cancer in 2015: An Integrated View of a

Complex Disease, Christine A. Iacobuzio-Donahue, Chairperson, Room 118, Pennsylvania Convention Center, p. 618

Speakers: Brian M. Wolpin, Rushika M. Perera, Dafna Bar-Sagi, Andrew V. Biankin, Christine A. Iacobuzio-Donahue

10:00 a.m.-12:00 p.m.

Recent Advances in Epidemiology and Prevention Research

Early Detection and Overdiagnosis in Cancer, Denise R. Aberle, Chairperson, Room 119, Pennsylvania Convention Center, p. 615

Speakers: Edward F. Patz, Denise R. Aberle, Otis W. Brawley

12:00 p.m.-1:30 p.m.

Plenary Session

AACR Annual Meeting 2015 Highlights: Vision for the

Future, Nancy E. Davidson, Chairperson, Terrace Ballroom I-IV (400 Level), Pennsylvania Convention Center, p. 619

Speakers: Nancy E. Davidson, Lewis C. Cantley, Carlos L. Arteaga, William G. Nelson, José Baselga

10:00 a.m.-12:00 p.m.

Recent Advances in Organ Site Research

Barrett's Esophagus: Models, Genomics, and Genetics,

Anil K. Rustgi, Chairperson, Room 108, Pennsylvania Convention Center, p. 617

Speakers: Timothy C. Wang, John P. Lynch, Adam J. Bass, Amitabh Chak

Colorectal Cancer Subtypes: How Many, How Meaningful?

Alberto Bardelli, Chairperson, Room 114, Pennsylvania Convention Center, p. 617

Speakers: Anguraj Sadanandam, Sabine Tejpar, Enzo Medico, Pierre Laurent-Puig