Saturday, April 18, 2015

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


**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


**Speakers:** Terryl 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
8:00 a.m.-10:00 a.m.  Methods Workshops


**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


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 Sznol, 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
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

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

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

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. Umit Kaniskan, Kenneth W. Duncan

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

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

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

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

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

AACR ANNUAL MEETING 2015
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


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


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
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. Baeil, 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

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

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

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
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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*. 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

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
SCHEDULE OF EVENTS
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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
### Sunday, April 19

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

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<td>244</td>
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**CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA**

- **MCB** = Molecular and Cellular Biology
- **MD** = Multidisciplinary 1
- **CG** = Carcinogenesis
- **CH** = Cancer Chemistry
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**April 18-22, 2015 • Philadelphia, PA**

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SCHEDULE OF EVENTS
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

ET Late-Breaking Research: Experimental and Molecular Therapeutics*, Section 39, p. 261

MCB Late-Breaking Research: Molecular and Cellular Biology*, Section 41, p. 261

1:30 p.m.-3:00 p.m. Meet and Greet

MICR Council Meet and Greet*, Chanita Hughes-Halbert, Chairperson, AACRcentral, Booth #725, MICR Networking and Resource Center, Halls B-E, p. 262

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

MEG Working Group: The Future of Molecular Epidemiology in the Omics Era*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 263

Speakers: David C. Christiani, Jonine D. Figueroa, Christopher I. Amos, Celine M. Vachon, David J. Hunter

2:00 p.m.-4:00 p.m. Meet and Greet

WICR Council Meet and Greet*, Jessie M. English, Chairperson, AACRcentral, Booth #725, WICR Networking and Resource Center, Halls B-E, p. 264

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

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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

3:15 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

3:00 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.-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.-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

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**Speaker:** Lucile L. Adams-Campbell
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. Pawelezt, 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 Johng, 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 I, 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 Sivaprasakam, Yoku Hayakawa

**CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA**

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Sunday, April 19

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
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

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

Prognostic and Predictive Biomarkers for Anti-HER2 Therapy, Room 120, Pennsylvania Convention Center, p. 297
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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
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 Metabonomic 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
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

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

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

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

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-Tikhonoko, Elizabeth M. Jaffe, Ellis L. Reinherz

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

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

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

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


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

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
### SCHEDULE OF EVENTS

**ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.**

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<tr>
<th>Time</th>
<th>Session Description</th>
<th>Location</th>
<th>Chairpersons</th>
<th>Speakers</th>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Epidemiology and Prevention Research</td>
<td>Room 204, Pennsylvania Convention Center</td>
<td>Thomas F. Gajewski, Lawrence H. Fong, Paul F. Robbins, Patrick Hwu</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Organ Site Research</td>
<td>Room 113, Pennsylvania Convention Center</td>
<td>Iannis Aifantis, Adolfo Ferrando</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Diagnostics and Therapeutics Research</td>
<td>Room 104, Pennsylvania Convention Center</td>
<td>Felix Y. Feng, Chairperson</td>
<td>Felix Y. Feng</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Epidemiology and Endometrial Cancer</td>
<td>Room 114, Pennsylvania Convention Center</td>
<td>Louise A. Brinton</td>
<td>Louise A. Brinton, Veronica W. Setiawan, Faina Y. Linkov, Karen H. Lu</td>
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<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Lung Cancer Session: Progress in Understanding Small Cell Lung Cancer</td>
<td>Room 121, Pennsylvania Convention Center</td>
<td>Julien Sage, Chairperson</td>
<td>Charles M. Rudin, Anton Berns, Montse Sanchez-Cespedes, Roman K. Thomas</td>
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<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Tumor Microenvironment</td>
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<td>Robert H. Vonderheide</td>
<td>Johanna A. Joyce, Crystal L. Mackall, Elizabeth A. Repasky, Robert H. Vonderheide</td>
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<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Novel Delivery Systems and/or Formulations in Cancer Treatment</td>
<td>Room 108, Pennsylvania Convention Center</td>
<td>Mauro Ferrari, Chairperson</td>
<td>Mauro Ferrari, Frank McCormick, Vladimir Torchilin, Hongbo Pang, Clay B. Siegall</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in The Emerging Landscape of Epigenetic Therapy for Lymphoid Malignancies</td>
<td>Room 118, Pennsylvania Convention Center</td>
<td>Iannis Aifantis, Chairperson</td>
<td>Laura Pasqualucci, Jose I. Martin-Subero, Iannis Aifantis, Adolfo Ferrando</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Localized Prostate Cancer: Next-Generation Sequencing and Beyond</td>
<td>Room 108, Pennsylvania Convention Center</td>
<td>Felix Y. Feng, Chairperson</td>
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<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Translational Advances in Brain Cancer</td>
<td>Room 118, Pennsylvania Convention Center</td>
<td>Ralph J. DeBerardinis, Chairperson</td>
<td>Paul S. Mischel, Ingo K. Mellinghoff, Andrew C. Peet, Elizabeth Maher</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Modeling the Noncoding RNA Revolution in Cancer</td>
<td>Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center</td>
<td>Pier Paolo Pandolfi</td>
<td>Joshua Mendell, Andrea Ventura, Elsa R. Flores, Frank J. Slack</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Targeting Pathway Rewiring to Improve Cancer Therapy</td>
<td>Room 103, Pennsylvania Convention Center</td>
<td>Michael B. Yaffe, Chairperson</td>
<td>Michael B. Yaffe, Rafaella Sordella, Eric B. Haura, Gary L. Johnson</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Tumor Microenvironment</td>
<td>Terrace Ballroom I (400 Level), Pennsylvania Convention Center</td>
<td>Robert H. Vonderheide</td>
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<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Biomarkers for Immunotherapy Response</td>
<td>Room 204, Pennsylvania Convention Center</td>
<td>Thomas F. Gajewski, Chairperson</td>
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<td>Recent Advances in 1:00 p.m.–3:00 p.m.</td>
<td>Grand Ballroom (300 Level), Pennsylvania Convention Center</td>
<td>Giorgio Trinchieri, Chairperson</td>
<td>Giorgio Trinchieri, Sergei I. Grivennikov, Christian Jobin, Laurence Zitvogel</td>
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<tr>
<td>1:00 p.m.–3:00 p.m.</td>
<td>Recent Advances in Microbiome and Tumor Immunity</td>
<td>Grand Ballroom (300 Level), Pennsylvania Convention Center</td>
<td>Giorgio Trinchieri</td>
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### Poster Sessions

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

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<td>Oncogenes and Tumor Suppressor 1*</td>
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<td>Oncogenes and Tumor Suppressor 2*</td>
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<td>Oncogenic Transcription Factors*</td>
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<td>Transcriptional Deregulation*</td>
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<td>Cancer Stem Cell Signaling Pathways*</td>
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<td>Mouse Models of Human Cancer 1*</td>
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<td>Stem Cells and Development*</td>
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<td>Antibodies/Antibody Derivatives*</td>
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<td>Combination Chemotherapy 1*</td>
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<td>MAPK, EGFR, and BTK Inhibitors*</td>
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<td>Novel Mechanisms of Drug Pharmacology and Toxicity*</td>
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<td>Oncogenes, Tumor Suppressor Genes, and Gene Products as Targets for Therapy*</td>
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<td>PI3K Pathway and Metabolism Modulators*</td>
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<td>Resistance to Pathway-Targeted Therapeutics 1*</td>
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<td>Carcinogenic Mechanisms 2*</td>
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<td>Familial Cancer: Exposures, Biomarkers, and Genetics*</td>
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<td>EP</td>
<td>Molecular and Genetic Epidemiology of Cancer 1: Breast*</td>
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<td>PR</td>
<td>Chemoprevention 1*</td>
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**1:00 p.m.-5:00 p.m. Late-Breaking Poster Sessions**

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<td>TB</td>
<td>Late-Breaking Research: Tumor Biology 1*</td>
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**CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA**

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

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April 18-22, 2015 • Philadelphia, PA
**SCHEDULE OF EVENTS**

**ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.**

1:30 p.m.-3:30 p.m. NCI/NIH-Sponsored Session


**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.)**, 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. Chinnaian, 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


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

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

CH Progress Toward New Drugs and New Drug Technologies, Matthew A. Marx and Katerina Leitheris, Co-Chairpersons, Room 113, Pennsylvania Convention Center, p. 412


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 Szoln and Jeffrey A. Silman, Co-Chairpersons, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 414


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. Tubbitt, Jennifer E. Beane, Yanhong Liu, James Amos-Landgraf, Hiroshi Y. Yamada, Erik S. Blommain

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
### SCHEDULE OF EVENTS

**ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.**

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<td>Awards and Lectures</td>
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<td>3:30 p.m.-5:00 p.m.</td>
<td>NCI/NIH-Sponsored Session</td>
<td>Room 105, Pennsylvania Convention Center, p. 418</td>
<td>William E. Grizzle, Mark A. Watson, Rulla M. Tamimi, P. Mickey Williams, Judith Keen, Latarsha Carithers</td>
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<td>3:30 p.m.-5:30 p.m.</td>
<td>Regulatory Science and Policy Session</td>
<td>Room 122, Pennsylvania Convention Center, p. 419</td>
<td>Patricia Spears, Lori M. Minasian, Alicyn Campbell, Laura Lee Johnson, Arturo Molina</td>
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<td>4:00 p.m.-5:00 p.m.</td>
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<td>4:30 p.m.-5:30 p.m.</td>
<td>Awards and Lectures</td>
<td>Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 421</td>
<td>William C. Hahn</td>
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<td>5:00 p.m.-6:30 p.m.</td>
<td>AACR/ASCO Joint Session</td>
<td>Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 424</td>
<td>Clifford A. Hudis, Howard Strickler, Michael N. Pollak</td>
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<td>5:00 p.m.-6:30 p.m.</td>
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<td>5:00 p.m.-6:30 p.m.</td>
<td>AACR/ASCO Joint Session: Obesity, Insulin Resistance, and Cancer</td>
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<td>5:00 p.m.-6:30 p.m.</td>
<td>The Cancer Epigenome: Is Epigenetic Deregulation the Chicken or the Egg?</td>
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<td>5:00 p.m.-6:30 p.m.</td>
<td>Controversies in RAS Signaling: Wild Type RAS, Tumor Suppressor or Partner in Tumorigenesis?</td>
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<td>5:00 p.m.-6:30 p.m.</td>
<td>Dietary Supplements and Cancer Risk and Prognosis.</td>
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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
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

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

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

XBPI Promotes Triple-Negative Breast Cancer By Controlling the HIF1 Transcriptional Program. Room 120, Pennsylvania Convention Center, p. 442
Speaker: Laurie Glimcher

AACR ANNUAL MEETING 2015
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

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
SCHEDULE OF EVENTS
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

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 Schultze, Tudor Oprea

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

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

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

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

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

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

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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
Tuesday, April 21

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 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

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

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.  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

10:30 a.m.-12:30 p.m.  New Strategies in Theranostics. Zaver M. Bhujwalla, Chairperson, Room 108, Pennsylvania Convention Center, p. 490

Speakers: Zaver M. Bhujwalla, Charles F. Caskey, Xiaoyuan Chen, Sarah M. Cheal

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

10:30 a.m.-12:30 p.m.  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
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.  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.-2:00 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 Immunocjugates, 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
Tuesday, April 21

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

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

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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.**

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**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
Tuesday, April 21

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

20th 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 Dudely, 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 Nakagawa, 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
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


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 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 Ignatiu, Robert W. Schnepp

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
Tuesday, April 21

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. Schenken

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

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
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 PI3Kα 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

AACR ANNUAL MEETING 2015
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 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 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
**Oncometabolites**, Craig B. Thompson, Chairperson, Room 201, Pennsylvania Convention Center, p. 615

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

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**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

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**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

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**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

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**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

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**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

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**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

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**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