Saturday, April 18, 2015

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

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 1: Optimizing Drug Discovery: Insights on an Important Process, Michael J. Luzzio, Chairperson, Room 113, Pennsylvania Convention Center, p. 142

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

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

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

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

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

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

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

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

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

Strategies for Measuring Diet Quality in Population Studies of Cancer Outcomes, Terryl J. Hartman, Chairperson, Room 119, Pennsylvania Convention Center, p. 144

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
### SCHEDULE OF EVENTS

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

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<td>8:00 a.m.-10:00 a.m.</td>
<td><strong>Methods Workshops</strong></td>
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<td><strong>Speakers:</strong> Russell R. Broaddus, Richard M. Simon, J. Jack Lee, Sumithra J. Mandrekar</td>
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<td><strong>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?</strong>, Carolyn Compton, Chairperson, Room 115, Pennsylvania Convention Center, p. 148</td>
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<td><strong>Speakers:</strong> Carolyn Compton, Kenneth Bloom, Yun-Fu Hu, Christopher Kinsinger</td>
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<td><strong>Methods for Pharmacogenomics Discovery and Interpretation</strong>, Angelique Whitehurst, Chairperson, Room 204, Pennsylvania Convention Center, p. 149</td>
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<td><strong>Speakers:</strong> Angelique Whitehurst, Alison Motsinger-Reif, Cyril Benes, Ramaswamy Govindan</td>
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<td><strong>Systems Approaches to Cancer</strong>, Chris Sander, Chairperson, Room 121, Pennsylvania Convention Center, p. 149</td>
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<td><strong>Speakers:</strong> Chris Sander, Andrea Califano, Michael J. Lee, Grégoire Altan-Bonnet</td>
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<td>9:00 a.m.-3:00 p.m.</td>
<td><strong>Cancer and Biomedical Research Career Fair</strong></td>
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<td><strong>Cancer and Biomedical Research Career Fair</strong>, Broad Street Atrium (100 Level), Pennsylvania Convention Center, p. 33</td>
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<td>10:00 a.m.-12:00 p.m.</td>
<td><strong>Educational Session</strong></td>
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<td><strong>Cancer Immunology for the Non-Immunologist - Tutorial</strong>, Dmitry I. Gabrilovich, Chairperson, Liberty Ballroom (Level 3), Philadelphia Marriott Downtown, p. 151</td>
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<td>10:00 a.m.-4:00 p.m.</td>
<td><strong>Professional Advancement Session</strong></td>
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<td><strong>Tenth Annual Undergraduate Student Caucus and Poster Competition</strong>, Jose G. Treviño, Moderator, Kathleen W. Scotto, Chairperson, Hall G (100 Level), Pennsylvania Convention Center, p. 150</td>
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<td><strong>Speakers:</strong> Kathleen W. Scotto, Donald S. Coffey, Cynthia Ryan, Lewis C. Cantley, Beverly D. Lyn-Cook, Samuel Antwi, Amanda E. Brinker, Malori Lankena</td>
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<td><strong>Bench to Bedside and Back Again: Biology and Therapy of ALK and BRAF Cancers</strong>, D. Ross Camidge, Chairperson, Room 115, Pennsylvania Convention Center, p. 152</td>
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<td><strong>Speakers:</strong> Richard M. Marais, Grant A. McArthur, Ruth Palmer, D. Ross Camidge</td>
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<td><strong>Biomarkers for Solid Tumors in a Post-TCGA World</strong>, Jorge S. Reis-Filho, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 152</td>
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<td><strong>Speakers:</strong> Jorge S. Reis-Filho, Jonathan A. Fletcher, Britta Weigelt, Anne-Lise Børresen-Dale</td>
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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

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<td>Professional Advancement Session</td>
<td>Grand Ballroom Salons H-J (Level 5), Philadelphia Marriott Downtown</td>
<td>Camille C. Ragin, Steven M. Dubinett, Grant A. McArthur, Mary L. Disis,</td>
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<td>Eighteenth Annual Grant Writing Workshop, Organized by the Associate</td>
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<td>Jennifer R. Grandis, Joe W. Gray, Mehmet Toner, Susan L. Weiner, Jonathan S. Wiest</td>
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<td>Member Council (AMC)*</td>
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<td>1:00 p.m.-2:30 p.m.</td>
<td>Regulatory Science and Policy Session</td>
<td>Room 105, Pennsylvania Convention Center</td>
<td>Paul Timpson, Michiyuki Matsuda, Richard L. Klemke, Alan Serrels, Peter Friedl</td>
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<td>The Past, Present, and Future of FDA Regulation of Next-Generation</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td>Educational Sessions</td>
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<td>Raymond N. DuBois, Sanford D. Markowitz, Chinthalapally V. Rao, Lawrence J. Marnett</td>
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<td>Aspirin, NSAIDS, and Cancer: New Opportunities</td>
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<td>Chemical Biology and Molecular Pharmacology</td>
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<td>Olivia W. Rossanese, Igor Vivanco, Philip Jones, Paul Workman</td>
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<td>From Chemistry to the Clinic: Pathways for Drug Discovery and</td>
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<td>Carlo M. Croce, George A. Calin, Michela Garofalo, Frank J. Slack</td>
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<td>Development, Part 3: New Opportunities in Epigenetic Therapies</td>
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<td>Role of Noncoding RNAs in Cancer</td>
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<td>The Price of Cure: Long-Term Outcomes in Adult Survivors of Childhood</td>
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<td>Paul C. Nathan, Saro Armenian, Kirsten K. Ness, Tara O. Henderson</td>
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<td>Principles of Immunotherapy: Stepping on the Accelerator</td>
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<td>Yong-Jun Liu, Nina Bhardwaj, James C. Yang, Suzanne L. Topalian</td>
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<td>Mechanisms of Cancer Therapy Resistance</td>
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<td>Metabolism Vulnerabilities in Cancer</td>
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<td>Matthew G. Vander Heiden</td>
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<td>Network Medicine</td>
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<td>Claus Jorgensen, Christina Leslie, Alissa M. Weaver, Douglas A. Lauffenburger</td>
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**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. Baell, Dashyant Dhanak

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

*Speakers:* Robert J. Coffey, Andrei Goga, Raghu Kalluri, Rama Khokha
Methods Advances in Clinical Cancer Genomics for Personalized Oncology. Marc Ladanyi, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 178

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

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

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

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

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

Speaker: Steven A. Rosenberg

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

Speaker: William R. Sellers

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

Speaker: Hans Clevers

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

Speaker: Lisa A. Carey

5:30 p.m.-6:30 p.m. Awards and Lectures

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

Speaker: David Baltimore

5:30 p.m.-6:30 p.m. Professional Advancement Session

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

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

5:30 p.m.-6:45 p.m. Awards and Lectures

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

Speaker: Sara A. Courtneidge

5:30 p.m.-7:30 p.m. Professional Advancement Session

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

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

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

Speaker: José Baselga
SCHEDULE OF EVENTS
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Sunday, April 19, 2015

7:00 a.m.-8:00 a.m.  Meet-the-Expert Sessions
The Biologic Signature of Melanoma to Guide Therapy, Room 120, Pennsylvania Convention Center, p. 191
Speaker: Meenhard Herlyn

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

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

Combining Molecurally 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

Opportunities for Immunotherapy in Ovarian Cancer, Room 114, Pennsylvania Convention Center, p. 193
Speaker: George Coukos

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

The Promise of Personalized Medicine, Room 201, Pennsylvania Convention Center, p. 193
Speaker: Patricia M. LoRusso

The PTEN Tumor Suppressor, Room 103, Pennsylvania Convention Center, p. 194
Speaker: Ramon E. Parsons

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

Tumor Dormancy and Recurrence, Room 115, Pennsylvania Convention Center, p. 194
Speaker: Lewis A. Chodosh

Unraveling Hormone Dependence in Cancer, Room 119, Pennsylvania Convention Center, p. 194
Speaker: Myles A. Brown

7:00 a.m.-8:00 a.m.  NCI/NIH-Sponsored Session
NIH Grants Session: Changes in Review, Funding, and Funding Opportunities at the NCI*, Suresh Mohla, Chairperson, Room 105, Pennsylvania Convention Center, p. 195
Speakers: Angela Y. Ng, Ronald L. Johnson, Suresh Mohla
8:15 a.m.-9:15 a.m. OPENING CEREMONY AND AWARDS PRESENTATIONS

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

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

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

9:30 a.m.-12:00 p.m. OPENING PLENARY SESSION

The Genome and Beyond, Lewis C. Cantley, Chairperson, Hall A (200 Level), Pennsylvania Convention Center, p. 210
Speakers: Michael R. Stratton, Tyler Jacks, Stephen B. Baylin, Robert D. Schreiber, William R. Sellers

12:30 p.m.-2:30 p.m. NCI/NIH-Sponsored Session

Fellowships, Career Development Awards, and Transitioning to Independence Awards*, Ming Lei, Chairperson, Room 105, Pennsylvania Convention Center, p. 212
Speakers: Jonathan S. Wiest, Michael K. Schmidt, Mark Damico, Susan N. Perkins

12:45 p.m.-2:55 p.m. CLINICAL TRIALS PLENARY SESSION

Promising Trials in Immunotherapy, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 213
Speakers: Evan W. Alley, Edward B. Garon, Janos L. Tanyi, Mark R. Middleton, Susan E. Prockop

1:00 p.m.-2:00 p.m. MEET AND GREET

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

1:00 p.m.-2:30 p.m. SCIENCE POLICY SESSION

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. Micalpine, Co-Chairpersons, Room 204, Pennsylvania Convention Center, p. 216
Speakers: Eli M. Wallace, Jeong M. Kim, Hazel Weir, Matthew Burger
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<td>1:00 p.m.-3:00 p.m.</td>
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<td><strong>Autophagy and Cancer</strong>, Kay F. Macleod, Chairperson, Room 115, Pennsylvania Convention Center, p. 217</td>
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<td><strong>Diverse Strategies for Targeting Ras-Driven Cancers</strong>, Karen Cichowski, Chairperson, Room 201, Pennsylvania Convention Center, p. 218</td>
<td>Kevan M. Shokat, Karen Cichowski, Jeffrey E. Settleman, Dafna Bar-Sagi</td>
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<td><strong>Gene Expression Programs Underlying the Stem Cell State</strong>, Rudolf Jaenisch, Chairperson, Room 103, Pennsylvania Convention Center, p. 218</td>
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<td><strong>Imaging of Immunotherapy in Action</strong>, Sanjiv S. Gambhir, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 219</td>
<td>Owen N. Witte, Eric T. Ahrens, Jolanda de Vries, Sanjiv S. Gambhir</td>
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<td><strong>Pan-Cancer Analysis of Whole Genomes</strong>, Peter J. Campbell, Chairperson, Terrace Ballroom II-II (400 Level), Pennsylvania Convention Center, p. 219</td>
<td>Lincoln Stein, Jan Korbel, Joshua M. Stuart, Peter J. Campbell</td>
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<td><strong>Tumor Heterogeneity: Targets and Mechanisms</strong>, Charles Swanton, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 220</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Professional Advancement Session</strong></td>
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<td><strong>Careers in the Pharmaceutical and Biotechnology Industries, Organized by the Associate Member Council (AMC)</strong>, Regency Ballroom A-B (Second Floor), Loews Philadelphia Hotel, p. 221</td>
<td>Ira Mellman, Victoria M. Richon</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Recent Advances in Diagnostics and Therapeutics Research</strong></td>
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<td><strong>Biomarkers of Antiangiogenic Therapy: Are We Lost in Translation?</strong>, Diether Lambrechts, Chairperson, Room 114, Pennsylvania Convention Center, p. 222</td>
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<td><strong>Genomic Investigations in Childhood Cancers</strong>, Olivier Delattre, Chairperson, Room 113, Pennsylvania Convention Center, p. 222</td>
<td>John M. Maris, Peter Lichter, Katherine A. Janeway, Olivier Delattre</td>
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<td><strong>Phenotypic Screening for Optimizing Cancer Therapy</strong>, Mark E. Burkard, Chairperson, Room 118, Pennsylvania Convention Center, p. 223</td>
<td>Mark E. Burkard, Brent R. Stockwell, Alejandro Gutierrez, Kris C. Wood</td>
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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

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

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

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

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

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

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

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

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

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

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

**IM**  Immune Checkpoints*, Section 12, p. 237

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

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

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

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

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

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

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

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**CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIAS**

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.**

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<th>Category</th>
<th>Session Title</th>
<th>Time Slot</th>
<th>Location</th>
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<tr>
<td>TB</td>
<td>Pediatric Cancer: Basic Science</td>
<td>1:00 p.m.-5:00 p.m.</td>
<td>Late-Breaking Poster Sessions</td>
</tr>
<tr>
<td>TB</td>
<td>Signaling Axes Regulating Motility and Invasion</td>
<td>1:00 p.m.-5:00 p.m.</td>
<td>Late-Breaking Poster Sessions</td>
</tr>
<tr>
<td>CT</td>
<td>Phase II, III, and Special Population Clinical Trials</td>
<td>1:30 p.m.-3:00 p.m.</td>
<td>Meet and Greet</td>
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<tr>
<td>CL</td>
<td>Diagnostic Biomarkers</td>
<td>1:30 p.m.-3:00 p.m.</td>
<td>Special Session</td>
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<tr>
<td>CL</td>
<td>Predictive Biomarkers: Lung and Gastrointestinal Cancers</td>
<td>1:30 p.m.-3:00 p.m.</td>
<td>Special Session</td>
</tr>
<tr>
<td>CL</td>
<td>Prognostic and Toxicity Biomarkers</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet and Greet</td>
</tr>
<tr>
<td>CL</td>
<td>Tumor- and Blood-Based Genotyping</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet and Greet</td>
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<tr>
<td>ET</td>
<td>Antibody Technologies</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>ET</td>
<td>Signal Transduction Inhibitors</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>ET</td>
<td>Targeting Signal Transduction</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>ET</td>
<td>Therapeutic Resistance in Hormone-Sensitive Cancers</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>ET</td>
<td>Therapeutic Resistance in Lung Cancer</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>ET</td>
<td>Tyrosine Kinase and Phosphatase Inhibitors</td>
<td>2:00 p.m.-4:00 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>CG</td>
<td>Carcinogenic Mechanisms</td>
<td>2:30 p.m.-3:30 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>EP</td>
<td>Cancer Risk/Mortality: Exposures, Biomarkers, and Genetics</td>
<td>2:30 p.m.-3:30 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>EP</td>
<td>Lifestyle Factors and Cancer Risk/Mortality</td>
<td>2:30 p.m.-3:30 p.m.</td>
<td>Meet the Research Icon</td>
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<tr>
<td>PR</td>
<td>Modeling Cancer Prevention</td>
<td>2:30 p.m.-3:30 p.m.</td>
<td>Meet the Research Icon</td>
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**Category Codes for Poster Sessions and Minisymposia**
- MCB = Molecular and Cellular Biology
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**MEG Working Group: The Future of Molecular Epidemiology in the Omics Era**
- AACRcentral, Booth #725, ACR Amphitheater, Halls B-E, p. 263
- **Speakers:**
  - David C. Christiani
  - Jonine D. Figueroa
  - Christopher I. Amos
  - Celine M. Vachon
  - David J. Hunter

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

**Meet the Research Icon - Joan S. Brugge, PhD, Organized by the Associate Member Council (AMC)**
- ACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 265
2:30 p.m.-4:00 p.m.  NCI/NIH-Sponsored Session
The Clinical Sequencing Exploratory Research (CSER) Program: Investigating the Actionability of Tumor Sequencing Variants*, Sheri Schully and Carolyn M. Hutter, Moderators, Room 105, Pennsylvania Convention Center, p. 266
Speakers: Gail Jarvik, Donald W. Parsons, Dan Robinson, Nikhil Wagle, Michael O. Dorschner

3:15 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, Udaib Banerji, Jeffrey R. Infante

3:15 p.m.-5:15 p.m.  Meet the Research Icon
Meet the Research Icon: Anirban Maity, MBBS*, Franklin Room 8 (Level 4), Philadelphia Marriott Downtown, p. 268

3:15 p.m.-4:15 p.m.  Award 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.  New Drugs on the Horizon 2. Alfonso De Dios and Katerina Leftheris, Co-Chairpersons, Room 204, Pennsylvania Convention Center, p. 273
Speakers: Daniel J. Anderson, Arne Scholz, Robert Sims, Dana A. Kennedy

3:15 p.m.-5:15 p.m.  Late-Breaking Minisymposium
Minisymposium: Late-Breaking Research*, Judy Lieberman and William C. Hahn, Co-Chairpersons, Room 122, Pennsylvania Convention Center, p. 270
Speakers: Minan Wang, Vessela N. Kristensen, Jon Roffey, Jonas A. Nilsson, Cristian Tomasetti, Leanne G. Ahronian, Ping Mu
**SCHEDULE OF EVENTS**

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

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<td><strong>New Carcinogenic Mechanisms Revealed by Gastrointestinal Tract Cancers</strong>, S. Perwez Hussain and Yinling Hu, Co-Chairpersons, Room 108, Pennsylvania Convention Center, p. 274</td>
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<td><strong>Speakers:</strong></td>
<td>Shalini Datta, Iryna Kindrat, Masahiro Yamamoto, Shouhui Yang, Jian Wang, Nagaraj Nagathihalli, Juan-Yu Piao</td>
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| **CL**              | **Liquid Biopsies**, Caroline Dive and Jorge S. Reis-Filho, Co-Chairpersons, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 274 |
| **Speakers:**      | Nicholas C. Turner, Jonathan W. Goldman, Cloud P. Paweletz, Michael Teufel, Leticia De Mattos-Arruda, James I. Lim, Gabriella Sozzi |

| **Speakers:**      | Anouar Fanidi, Jonathan N. Hofmann, Majda Haznadar, Demetrios 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 |

| **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 Sivaprakasam, Yoku Hayakawa |

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- **IM** = Immunology
- **PR** = Prevention Research
- **TB** = Tumor Biology

**AACR ANNUAL MEETING 2015**
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

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

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

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

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

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 Mjidad, Laura Soucek, Jason Carroll, Cedric Blanpain, Viktória Bodnárová

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

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

The Cancer Epigenome, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 295
Speaker: Peter A. Jones

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

Melanoma - Basic Science, Room 118, Pennsylvania Convention Center, p. 296
Speaker: David E. Fisher

Molecular Pathology in Oncology, Room 114, Pennsylvania Convention Center, p. 296
Speaker: Massimo Loda

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

Prognostic and Predictive Biomarkers for Anti-HER2 Therapy, Room 120, Pennsylvania Convention Center, p. 297
Speaker: Edith A. Perez

Therapy of Lymphoma Inspired by Functional and Structural Genomics, Room 103, Pennsylvania Convention Center, p. 297
Speaker: Louis M. Staudt

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

Tumor Dormancy and Metastatic Recurrence, Room 115, Pennsylvania Convention Center, p. 298
Speaker: Ann F. Chambers

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

7:00 a.m.-8:00 a.m.  NCI/NIH-Sponsored Session

The NCI PREVENT Cancer Preclinical Drug Development Program*, Room 105, Pennsylvania Convention Center, p. 299
Speaker: Robert H. Shoemaker
### Poster Sessions

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

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

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

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

### 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 |

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

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<td>8:15 a.m.-10:15 a.m.</td>
<td><strong>Plenary Session</strong></td>
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<td><strong>Precision Medicine Comes to Cancer Prevention and Screening</strong>, Andrew J. Dannenberg, Chairperson, Hall A (200 Level), Pennsylvania Convention Center, p. 334</td>
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<td><strong>Speakers:</strong> David A. Ahlquist, Andrew T. Chan, Anna Mae E. Diehl, Douglas R. Lowy</td>
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<td><strong>Cancer Research Outside of the U.S.: Opportunities for International Trainees in Academia, Organized by the Associate Member Council (AMC)</strong>, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 336</td>
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<td><strong>MICR Forum: Transforming from Junior to Senior Faculty: The Unwritten Rules and Advice for a Successful Transition</strong>, Malcolm V. Brock and John M. Carethers, Co-Chairpersons, Room 126, Pennsylvania Convention Center, p. 337</td>
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<td>10:00 a.m.-11:00 a.m.</td>
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<td><strong>Meet the ACR Pediatric Cancer Working Group Chairperson, Lee J. Helman, MD</strong>, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 338</td>
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<td>10:30 a.m.-12:00 p.m.</td>
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<td><strong>NCI's Center for Strategic Scientific Initiatives (CSSI): Programs and Highlights</strong>, Emily J. Greenspan, Moderator, Room 105, Pennsylvania Convention Center, p. 340</td>
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<td><strong>Chemical Probes for Use in Cancer Research</strong>, Paul Workman, Chairperson, Room 108, Pennsylvania Convention Center, p. 342</td>
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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
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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. Sawyer, MD, FAACR, Organized by the Associate Member Council (AMC)*. AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 351

10:30 a.m.-12:30 p.m.  Recent Advances in Skin Development and Skin Cancers

Fiona M. Watt, Chairperson, Room 121, Pennsylvania Convention Center, p. 349

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

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

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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 Maliseed
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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

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

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

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

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

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

1:00 p.m.-2:30 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. Jaffee, Ellis L. Reinherz

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

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

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

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

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Monday, April 20

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

**MCB**  Biological Conclusions from Computational Approaches*, Section 2, p. 370

**MCB**  Cell Signaling in Cancer 3*, Section 3, p. 371

**MCB**  Deregulation of Gene Expression in Breast and Ovarian Cancer*, Section 4, p. 372

**MCB**  New Developments in Proteomics*, Section 5, p. 373

**MCB**  Oncogenes and Tumor Suppressors 1*, Section 6, p. 374

**MCB**  Oncogenes and Tumor Suppressors 2*, Section 7, p. 375

**MCB**  Oncogenic Transcription Factors*, Section 8, p. 376

**MCB**  Post-Transcriptional and Translational Control*, Section 9, p. 377

**MCB**  Ras, Raf, ERK, and PI3K Pathway Signaling*, Section 10, p. 378

**MCB**  Systematic Analysis of Omic Data*, Section 11, p. 379

**MCB**  Transcriptional Deregulation*, Section 12, p. 380

**TB**  Cancer Stem Cell Signaling Pathways*, Section 14, p. 381

**TB**  Metastasis-Promoting Genes*, Section 15, p. 382

**TB**  Mouse Models of Human Cancer 1*, Section 16, p. 383

**TB**  Stem Cells and Development*, Section 17, p. 384

**TB**  The Immune Microenvironment*, Section 18, p. 385

**TB 1**  Tumor-Microenvironment Interactions*, Section 19, p. 386

**CL**  Circulating Free DNA 1*, Section 21, p. 387

**CL**  Preclinical Targeted Therapy*, Section 22, p. 388

**CH**  Chemical Biology and Structure-Function Studies of Cancer Mechanisms*, Section 23, p. 389

**IM**  Antibodies/Antibody Derivatives*, Section 25, p. 390

**IM**  Tumor Vaccines*, Section 26, p. 391

**ET**  Combination Chemotherapy 1*, Section 27, p. 392

**ET**  DNA Damaging and Antimitotic Agents and Cytotoxicity Modulators*, Section 28, p. 393

**ET**  MAPK, EGFR, and BTK Inhibitors*, Section 29, p. 394

**ET**  Novel Mechanisms of Drug Pharmacology and Toxicity*, Section 30, p. 395

**ET**  Oncogenes, Tumor Suppressor Genes, and Gene Products as Targets for Therapy*. Section 31, p. 396

**ET**  PI3K Pathway and Metabolism Modulators*. Section 32, p. 397

**ET**  Resistance to Pathway-Targeted Therapeutics 1*. Section 33, p. 398

**CG**  Carcinogenic Mechanisms 2*. Section 34, p. 399

**EP**  Familial Cancer: Exposures, Biomarkers, and Genetics*. Section 36, p. 400

**EP**  Molecular and Genetic Epidemiology of Cancer 1: Breast*. Section 37, p. 401

**PR**  Chemoprevention 1*. Section 38, p. 402

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

**CL/EN**  Late-Breaking Research: Clinical Research/Endocrinology*. Section 40, p. 403

**TB**  Late-Breaking Research: Tumor Biology 1*. Section 41, p. 403

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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
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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

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

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

3:00 p.m.-4:30 p.m.  Meet and Greet

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

3:00 p.m.-5:00 p.m.  SU2C Special Session

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

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

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

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

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

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Monday, April 20

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

CH  Progress Toward New Drugs and New Drug Technologies, Matthew A. Marx and Katerina Lefteris, 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 Kotthari, Samaya Krishnan

IM  Immune Checkpoint Inhibition, Mario Szoln and Jeffrey A. Sosman, 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. Turbitt, Jennifer E. Beane, Yanhong Liu, James Amos-Landgraf, Hiroshi Y. Yamada, Erik S. Blomain

TB  Epigenetic and Metabolic Regulation in the Microenvironment, Irene M. Ghobrial and Aldo M. Roccar, Co-Chairpersons, Room 114, Pennsylvania Convention Center, p. 416

Speakers: Jason R. Pitarresi, Sarah R. Amend, Emily K. Colvin, Sandra Cascio, Yuhong Lu, Payal Tiwari, Ang Sun

TB  Mouse Models of Human Cancer 2, Anton Berns and Lewis A. Chodosh, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 416

Speakers: Nina Zanella, Steven M. Lipkin, Mingyao Ying, Karen M. Mann, Daniel L. Abravanel, Lei Nie, Jonathan Cooper
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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

3:30 p.m.-4:30 p.m.  Awards and Lectures

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

Speaker: Lewis C. Cantley

4:30 p.m.-5:30 p.m.  Awards and Lectures

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

Speaker: William C. Hahn

3:30 p.m.-5:00 p.m.  NCI/NIH-Sponsored Session

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

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

3:30 p.m.-5:30 p.m.  Regulatory Science and Policy Session

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

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

4:00 p.m.-5:00 p.m.  Meet and Greet

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

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

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

Speakers: Mace L. Rothenberg, Charles L. Sawyers

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

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

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

Speakers: Kevin M. Shannon, Minh D. To

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

Speakers: Marian L. Neuhouser, Tim E. Byers

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

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

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

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

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

Speakers: Marian L. Neuhouser, Tim E. Byers

AACR ANNUAL MEETING 2015
Monday, April 20

**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

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

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

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

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

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

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
Tuesday, April 21, 2015

7:00 a.m.-8:00 a.m.  Meet-the-Expert Sessions

Cell Polarity, Epithelial Homeostasis, and Metastasis. Room 118, Pennsylvania Convention Center, p. 439
Speaker: Ian G. Macara

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

Drugging the Undruggable Using Fragment-Based Methods. Room 201, Pennsylvania Convention Center, p. 439
Speaker: Stephen W. Fesik

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

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

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

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

Myeloid-Derived Suppressor Cells in MDS Pathogenesis. Room 114, Pennsylvania Convention Center, p. 440
Speaker: Alan F. List

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

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

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

Stem Cells. Room 204, Pennsylvania Convention Center, p. 442
Speaker: Catriona H. Jamieson

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

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

MCB  Autophagy and Metabolic Interactions between Epithelial and Stromal Cells*, Section 1, p. 443
MCB  Cell Death Therapies 1*, Section 2, p. 444
MCB  DNA Methylation 2*, Section 3, p. 445
MCB  Genomics 1*, Section 4, p. 446
MCB  Hypoxia*, Section 5, p. 447
MCB  Mechanisms of Genomic Instability in Cancers*, Section 6, p. 448
MCB  Mitochondrial Function*, Section 7, p. 449
MCB  Oncomirs*, Section 8, p. 450
MCB  Targeting Cyclin-Dependent Kinases and Checkpoint Kinases for Cancer Therapy*, Section 9, p. 451
MCB  Tumor Suppressor miRNAs*, Section 10, p. 452

AACR ANNUAL MEETING 2015
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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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<td>Meet the Editor-in-Chief of <em>Molecular Cancer Therapeutics</em>: Naplesone Ferrara, MD*, Booth #1827, Halls B-E (Publications Booth), p. 479</td>
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<td>10:30 a.m. -11:30 a.m.</td>
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<td><em>A Day at the FDA: Careers at the U.S. Food and Drug Administration, Organized by the Associate Member Council (AMC)</em>, AACRcentral, Booth #725, Associate Member Resource and Career Center, Halls B-E, p. 480</td>
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<td><strong>Speakers:</strong> Julia A. Beaver, Emily M. Fox</td>
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<td>10:30 a.m. -12:00 p.m.</td>
<td>NCI/NIH-Sponsored Session</td>
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<td><em>Funding Opportunities for Cancer Research at Multiple NIH Institutes and Centers with NIH Experts</em>, Phuong Kim Pham, Chairperson, Room 105, Pennsylvania Convention Center, p. 481</td>
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<td>10:30 a.m. -12:30 p.m.</td>
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<td><em>Cellular Reprogramming in Carcinogenesis: Implications for Tumor Heterogeneity, Prognosis, and Therapy</em>, Peter B. Dirks, Chairperson, Room 103, Pennsylvania Convention Center, p. 483</td>
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<td><strong>Speakers:</strong> Tariq Enver, Florian Greten, John P. Stingl, Peter B. Dirks</td>
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<td><em>Challenges in Mutation Detection</em>, Gad Getz, Chairperson, Room 115, Pennsylvania Convention Center, p. 483</td>
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<td><strong>Speakers:</strong> Gad Getz, Paul C. Boutros, Ivo Gut, Li Ding</td>
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<td><em>Dharma Master Jiantai Symposium in Biomarkers: Computational Approaches to Cancer Target and Drug Discovery</em>, Bissan Al-Lazikani, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 484</td>
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<td><strong>Speakers:</strong> Bissan Al-Lazikani, David Haussler, Chris Sander, Nikolaus Schultz, Tudor Oprea</td>
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<td><em>Mechanisms of Resistance: From Signaling Pathways to Stem Cells</em>, David A. Cheresh, Chairperson, Grand Ballroom (300 Level), Pennsylvania Convention Center, p. 485</td>
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<td><strong>Speakers:</strong> Jeffrey A. Engelman, Ryan B. Corcoran, Claudia Wellbrock, Max S. Wicha, David A. Cheresh</td>
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<td><em>Metabolism and Aging</em>, Leonard P. Guarente, Chairperson, Room 201, Pennsylvania Convention Center, p. 486</td>
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<td><strong>Speakers:</strong> Leonard P. Guarente, Raul Mostoslavsky, David M. Sabatini, Manuel Serrano</td>
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<td><strong>Speakers:</strong> Julie R. Palmer, Sandra M. Gaston, Xavier Llor</td>
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<td><em>The Tumor Proteome as a Guide for Precision Medicine</em>, Kojo Elenitoba-Johnson, Chairperson, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 487</td>
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*All sessions are eligible for CME credit unless otherwise noted.*
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

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

New Strategies in Theranostics, Zaver M. 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.  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

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<td>10:30 a.m.-12:40 p.m.</td>
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<td>Joaquin Mateo, Vasiliki Michalarea, Ursula A. Matulonis, Patricia M. LoRusso, Victoria L. Chiou</td>
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<td>12:00 p.m.-1:00 p.m.</td>
<td><strong>Meet and Greet</strong></td>
<td>Booth #1827, Halls B-E (Publications Booth)</td>
<td>Glenn Dranoff, MD*</td>
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<td>12:00 p.m.-1:30 p.m.</td>
<td><strong>NCI/NIH-Sponsored Session</strong></td>
<td>Room 105, Pennsylvania Convention Center</td>
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<td>12:30 p.m.-1:00 p.m.</td>
<td><strong>Recent Advances in Diagnostics and Therapeutics Research</strong></td>
<td>Room 121, Pennsylvania Convention Center</td>
<td>Bruce A. Chabner, Chanita Hughes-Halbert</td>
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<td>1:00 p.m.-2:00 p.m.</td>
<td><strong>Career Conversations</strong></td>
<td>AACR Central, Booth #725, Associate Member Resource and Career Center, Halls B-E</td>
<td>Kimberly Stegmaier, David T. Ting</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Adoptive T Cell Therapy</strong></td>
<td>Grand Ballroom (300 Level), Pennsylvania Convention Center</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Aging and Senesence</strong></td>
<td>Terrace Ballroom I (400 Level), Pennsylvania Convention Center</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Applying Systems Biology in the Oncology Clinic</strong></td>
<td>Room 118, Pennsylvania Convention Center</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Chronic Infections Driving Cancer</strong></td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Empowering Antibodies to Fight Cancer: ADCs and Immunoconjugates</strong></td>
<td>Room 201, Pennsylvania Convention Center</td>
<td>Jonathan G. Drachman, Paul G. Polakis, Anna M. Wu, Dario Neri</td>
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<td>1:00 p.m.-3:00 p.m.</td>
<td><strong>Intraoperative Imaging</strong></td>
<td>Room 115, Pennsylvania Convention Center</td>
<td>Samuel Achilefu, Eben L. Rosenthal, David G. Kirsch, Vasilis Ntziachristos</td>
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**Liquid Biopsy Approaches for Detecting, Monitoring, and Characterizing Human Cancer**, Victor E. Velculescu, Chairperson, Terrace Ballroom II-III (400 Level), Pennsylvania Convention Center, p. 504

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

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

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

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

**Professional Advancement Session**

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

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

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

**Recent Advances in Diagnostics and Therapeutics Research**

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

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

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

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

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

**Recent Advances in Epidemiology and Prevention Research**

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

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

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

**Recent Advances in Organ Site Research**

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

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

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

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

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

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

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

**Regulatory Science and Policy Session**

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

**Speakers:** Mia A. Levy, Barbara A. Conley, Elizabeth Mansfield, Dane Dickson
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MCB  Cell Cycle Regulatory Pathways*, Section 2, p. 512
MCB  Cell Death Therapies 2*, Section 3, p. 513
MCB  Epigenetic Changes in Cancer 1*, Section 4, p. 514
MCB  Genomic Instability in Cancer Development and Treatment*, Section 5, p. 515
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MCB  Growth Factors and GTPases*, Section 7, p. 517
MCB  Identification of Genes and Pathways Involved in Cancer Pathogenesis*, Section 8, p. 518
MCB  MicroRNA Cancer Diagnostics and Therapeutics*, Section 9, p. 519
MCB  MicroRNA Profiling and Cancer*, Section 10, p. 520
MCB  Tumor Cell-Stromal and Cell-Cell Interactions*, Section 11, p. 521
IM  Adaptive Immunity and Immune Tolerance*. Section 13, p. 522
TB  Cancer Stem Cells 2*, Section 15, p. 523
TB  Cancer Stem Cells and Epithelial-Mesenchymal Transition*, Section 16, p. 524
TB  Clonal Evolution and Antimetastatic Therapies*. Section 17, p. 525
TB  Extrinsic Modulators of Motility and Invasion*. Section 18, p. 526
TB  Molecular Mechanisms of Angiogenesis*. Section 19, p. 527
TB  Mouse Models of Human Cancer 3*, Section 20, p. 528
TB  Therapeutics Targeting Cancer Stem Cells*. Section 21, p. 529
CL  Genomics in the Clinic 1*. Section 23, p. 530
CL  Novel Immunomodulators*. Section 24, p. 531
CL  Predictive Biomarkers 2*, Section 25, p. 532
CL  Prognostic Biomarkers: Prostate Cancer and Thoracic Malignancies*, Section 26, p. 533
ET  New Targets 1*, Section 27, p. 534
ET  Novel Drug Delivery Systems*, Section 28, p. 535
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ET  Pharmacokinetics and Pharmacodynamics*, Section 32, p. 539
CH  Drug Discovery, Drug Targeting, and Drug Delivery*, Section 33, p. 540
CG  Prevention, Intervention, and Modulation of Carcinogenic Risk*, Section 34, p. 541
EP  Molecular and Genetic Epidemiology of Cancer 2: Colorectal, Lung, and Prostate*. Section 35, p. 542
EP  Molecular and Genetic Epidemiology of Cancer 3*. Section 36, p. 543
PR  Chemoprevention 2*, Section 37, p. 544

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

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

1:30 p.m.-3:00 p.m.  NCI/NIH-Sponsored Session

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

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

CATEGORY CODES FOR POSTER SESSIONS AND MINISYMPOSIA:
MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1; CG = Carcinogenesis; CH = Cancer Chemistry; CL = Clinical Research; EN = Endocrinology; EP = Epidemiology; ET = Experimental and Molecular Therapeutics; IM = Immunology; PR = Prevention Research; TB = Tumor Biology

AACR ANNUAL MEETING 2015
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 Dudley, Zlatko Trajanoski, George Coukos, Arnold J. Levine

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

CTD2 Network: Accelerates Translation of Patient Genomic Data to Improved Patient Outcomes, Daniela S. Gerhard, Chairperson, Room 105, Pennsylvania Convention Center, p. 552
 Speakers: Andrea Califano, William C. Hahn, Stuart L. Schreiber, Scott W. Lowe, Calvin J. Kuo

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

CL  Precision Medicine in the Clinic, Pasi A. Jänne and David B. Solit, Co-Chairpersons, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 553
 Speakers: Lynette M. Sholl, Juliann Chmielecki, Bradley Garman, Takashi Nakaoku, Roman Yelensky, Darren Finlay, Chantal Pauli

EN  Molecular Endocrinology of Breast and Prostate Cancer, Lesley-Ann Martin and Myles A. Brown, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 553
 Speakers: Arunkumar Arumugam, Yingfeng Zheng, Diana C. West, Takuma Uo, Laura Cato, Mohammad Saleem, Hua Li

EP  Molecular and Genetic Epidemiology of Cancer 4: New Insights, Brandon L. Pierce, Chairperson, Room 108, Pennsylvania Convention Center, p. 554
 Speakers: Daniel C. Beachler, Nora Pashayan, Jonine D. Figueroa, Jan P. Dumanski, Joseph Usset, Fergus J. Couch, Ericka M. Ebot
**ET** Exploiting the MAPK Pathway in Cancer, S. G. Eckhardt and Alex A. Adjei, Co-Chairpersons, Room 115, Pennsylvania Convention Center, p. 554

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

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

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

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

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

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

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

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

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

**TB** 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, Antón Henssen, Charles G. Mullighan, Myron Ignatius, Robert W. Schnepf

3:00 p.m.-5:00 p.m. **Regulatory Science and Policy Sessions**

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

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

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

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

3:30 p.m.-4:30 p.m. **Meet and Greet**

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

4:00 p.m.-5:00 p.m. **Meet and Greet**

Meet the Editors-in-Chief of Cancer Discovery: Lewis C. Cantley, PhD, and José Baselga, MD, PhD*, AACRcentral, Booth #725, AACR Amphitheater, Halls B-E, p. 561
4:15 p.m.-5:15 p.m.  Awards and Lectures

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

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

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

Are Cancer Stem Cells Relevant to the Success of Human Cancer Therapy? Benjamin G. Neel, Chairperson, Terrace Ballroom I (400 Level), Pennsylvania Convention Center, p. 564
Speakers: Ross L. Levine, Jenny C. Chang, Peter B. Dirks

Avatar Mouse Models for Personalized Cancer Treatment, Manuel Hidalgo, Moderator, Room 103, Pennsylvania Convention Center, p. 564
Speakers: Giorgio Inghirami, David Sidransky

Challenges in Trial Design for the Genomic Era, Donna S. Neuberg, Moderator, Terrace Ballroom IV (400 Level), Pennsylvania Convention Center, p. 564
Speakers: Donna S. Neuberg, Gideon Blumenthal, Susan Geyer, Lisa M. McShane, David P. Schenkein

Role of Autophagy in Cancer Development, Progression, and Therapy. Eileen P. White, Moderator, Room 204, Pennsylvania Convention Center, p. 564
Speakers: Alec C. Kimmelman, Jayanta Debnath

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

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

What is the Real Target of Bromodomain Inhibitors? Johnathan R. Whetstine, Moderator, Room 115, Pennsylvania Convention Center, p. 565
Speakers: Panagis Filippakopoulos, Chris Carpenter

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

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

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

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

**Wednesday, April 22, 2015**

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<td>Meet-the-Expert Sessions</td>
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<td>Beyond Oncogenes: What are the Next Categories of Anticancer Targets? Room 113, Pennsylvania Convention Center</td>
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<td>8:00 a.m.-10:00 a.m.</td>
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<td>Oncology Meets Immunology: Not Just Another “Hallmark,” Robert H. Vonderheide, Chairperson, Terrace Ballroom I-IV (400 Level), Pennsylvania Convention Center</td>
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<td>Reporting Germline Findings from Clinical Genome Sequencing Trials Room 119, Pennsylvania Convention Center</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
- **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

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

TB Imaging of Molecular and Cellular Events in Tumors and Tumor Cells*, Section 16, p. 591

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

TB Other Animal Species and Cell Models of Cancer*, Section 17, p. 592

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

TB Predicting, Profiling, and Imaging Prospective and Established Metastases*, Section 18, p. 593

TB Tumor Metastasis*, Section 19, p. 594

TB 1 Tumor-Host Interactions*, Section 20, p. 595

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

CL Circulating Free DNA 2*, Section 22, p. 596

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

CL Genomics in the Clinic 2*, Section 23, p. 597

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

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

ET Kinase Inhibitors and Other Targets*, Section 30, p. 602

ET Apoptosis: Therapeutic Manipulation*, Section 27, p. 599

ET New Targets 2/Novel Assay Technologies*, Section 31, p. 603

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


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

ET Pharmacogenomics*, Section 33, p. 605

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

ET Role of the Microenvironment and Tumor Metabolism in Therapeutic Response*, Section 34, p. 606

EP Cancer Risk/Mortality: Exposures, Biomarkers, and Genetics 2*, Section 38, p. 609

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

CH Drug Delivery*, Section 36, p. 607

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

CH Natural Products*, Section 37, p. 608

EP Late-Breaking Research: Molecular and Cellular Biology 4*, Section 41, p. 610

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

April 18-22, 2015 • Philadelphia, PA
SCHEDULE OF EVENTS
ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Oncometabolites, Craig B. Thompson, Chairperson, Room 201, Pennsylvania Convention Center, p. 615
Speakers: Craig B. Thompson, Alberto Martin, Marion Dorsch, Navdeep S. Chandel

Proteogenomics and Phosphoproteomics in Cancer: Analysis of the TCGA Tumor Samples, Steven A. Carr and Douglas R. Lowy, Co-Chairpersons, Room 121, Pennsylvania Convention Center, p. 615
Speakers: Daniel C. Liebler, Philipp Mertins, Karin D. Rodland, Amanda G. Paulovich

10:00 a.m.-12:00 p.m. Recent Advances in Epidemiology and Prevention Research

Early Detection and Overdiagnosis in Cancer, Denise R. Aberle, Chairperson, Room 119, Pennsylvania Convention Center, p. 615
Speakers: Edward F. Patz, Denise R. Aberle, Otis W. Brawley

10:00 a.m.-12:00 p.m. Recent Advances in Organ Site Research

Barrett’s Esophagus: Models, Genomics, and Genetics, Anil K. Rustgi, Chairperson, Room 108, Pennsylvania Convention Center, p. 617
Speakers: Timothy C. Wang, John P. Lynch, Adam J. Bass, Amitabh Chak

Colorectal Cancer Subtypes: How Many, How Meaningful?, Alberto Bardelli, Chairperson, Room 114, Pennsylvania Convention Center, p. 617
Speakers: Anguraj Sadanandam, Sabine Tejpar, Enzo Medico, Pierre Laurent-Puig

Heterogeneity and Microenvironment: Drivers of Breast Cancer Evolution, Jeffrey M. Rosen, Chairperson, Room 115, Pennsylvania Convention Center, p. 618
Speakers: Jeffrey M. Rosen, Jorge S. Reis-Filho, Kornelia Polyak, Morag Park

Pancreatic Cancer in 2015: An Integrated View of a Complex Disease, Christine A. Iacobuzio-Donahue, Chairperson, Room 118, Pennsylvania Convention Center, p. 618
Speakers: Brian M. Wolpin, Rushika M. Perera, Dafna Bar-Sagi, Andrew V. Blankin, Christine A. Iacobuzio-Donahue

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

AACR Annual Meeting 2015 Highlights: Vision for the Future, Nancy E. Davidson, Chairperson, Terrace Ballroom I-IV (400 Level), Pennsylvania Convention Center, p. 619
Speakers: Nancy E. Davidson, Lewis C. Cantley, Carlos L. Arteaga, William G. Nelson, José Baselga