

Saturday, April 6, 2013

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

Cancer Genomics in the Clinic: Methods and Lessons

Learned, John D. Carpten, Chairperson, Room 147, Washington Convention Center, p. 131

Speakers: Olli P. Kallioniemi, Josep Tabernero, David Craig, Javed Khan

Cancer Prognosis and Survivorship: Novel Strategies and Results, Cornelia M. Ulrich, Chairperson, Room 103, Washington Convention Center, p. 131

Speakers: Thomas J. Hudson, Cornelia M. Ulrich, Lee Jones, Paul B. Jacobsen

Epithelial Stem Cells, Morphogenesis, and Cancer, Ian G. Macara, Chairperson, Room 151, Washington Convention Center, p. 132

Speakers: Ian G. Macara, Robert J. Coffey, Lindsay Hinck, Senthil K. Muthuswamy

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 1: Targeting Mechanisms of Therapeutic Resistance, Matt V. Lorenzi, Chairperson, Room 207, Washington Convention Center, p. 132

Speakers: Matt V. Lorenzi, Kwok-Kin Wong, Ross L. Levine, Thomas F. Gajewski

Functional Assessment of Actionable Mutations in Breast Cancer, Ron Bose, Chairperson, Room 145, Washington Convention Center, p. 133

Speakers: Heidi Greulich, Ron Bose, Samuel Aparicio, Chad Creighton

The Next Frontier in Targeted Therapy for Melanoma, Martin McMahon, Chairperson, Room 144, Washington Convention Center, p. 133

Speakers: Martin McMahon, Jedd D. Wolchok, Lynda Chin, Keiran S. Smalley

PARP Inhibitors in Cancer Therapy, Ralph Scully, Chairperson, Room 146, Washington Convention Center, p. 134

Speakers: Ralph Scully, Thomas Helleday, Judy E. Garber, Mark J. O'Connor

Tumor Immunology and Immunotherapy for Non-Immunologists, Suzanne Ostrand-Rosenberg, Chairperson, Room 202, Washington Convention Center, p. 134

Speakers: Arthur A. Hurwitz, Cassian Yee, Anna K. Palucka, Louis M. Weiner

Tumor-Secreted Factors, David C. Lyden, Chairperson, Room 152, Washington Convention Center, p. 135

Speakers: Zena Werb, David C. Lyden, Xandra O. Breakefield, George A. Calin

Whole Body Metabolism and Cancer, Philipp E. Scherer, Chairperson, Ballroom A-B, Washington Convention Center, p. 135

Speakers: Philipp E. Scherer, Thomas N. Seyfried, Anne McTiernan, M. Celeste Simon

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

Cancer Methylomes for Biomarker and Pathway Discovery, Toshikazu Ushijima, Chairperson, Room 143, Washington Convention Center, p. 136

Speakers: Toshikazu Ushijima, Stephan Beck, Christoph Bock, Chuan He

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

Computational Methods in Molecular Epidemiology,

Kimberly D. Siegmund, Chairperson, Room 150, Washington Convention Center, p. 136

Speakers: Montserrat Garcia-Closas, Kimberly D. Siegmund, Li Hsu, Debashis Ghosh

Techniques for Assessing Circulating Tumor Cells, Circulating DNA, and microRNAs, Sanjiv S. Gambhir, Chairperson, Ballroom C, Washington Convention Center, p. 137

Speakers: Maximilian Diehn, Muneesh Tewari, Caroline Dive, Peter Kuhn

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

Cancer and Biomedical Research Career Fair*, Salons ABC, East Hall, Washington Convention Center, p. 138

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

Cancer Immunology for the Non-Immunologist - Tutorial, Michael A. Caligiuri, Chairperson, Room 206, Washington Convention Center, p. 138

Faculty: Mario P. Colombo, Julie Y. Djeu, Olivera J. Finn, John G. Frelinger, Wolf H. Fridman, Arthur A. Hurwitz, Hyam I. Levitsky, Suzanne Ostrand-Rosenberg, Anna K. Palucka, Elizabeth A. Repasky, Suzanne L. Topalian, Louis M. Weiner, Cassian Yee, Weiping Zou

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

Clinical Trial Design in the Genomic Era, Donald A. Berry and George W. Sledge, Co-Chairpersons, Room 146, Washington Convention Center, p. 139

Speakers: George W. Sledge, Charles M. Perou, Donald A. Berry

Clonal Evolution of Cancer, Matthew J. Walter, Chairperson, Ballroom C, Washington Convention Center, p. 139

Speakers: Carlo C. Maley, Matthew J. Walter, Catherine J. Wu, Charles Swanton

Endocrine Resistance in Breast Cancer, Nancy E. Davidson, Chairperson, Room 103, Washington Convention Center, p. 140

Speakers: Nancy E. Davidson, Matthew P. Goetz, Steffi Oesterreich, Douglas Yee

Epigenetic Regulators in Hematology: From Stem Cells to Malignancies, Ross L. Levine, Chairperson, Room 147, Washington Convention Center, p. 140

Speakers: Guy Sauvageau, Anwesha Dey, Guido Marcucci

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 2: Targeting Epigenetics: An Epicenter of Oncology Drug Discovery? Ho Man Chan, Chairperson, Room 207, Washington Convention Center, p. 141

Speakers: Ho Man Chan, Russell J. H. Ryan, Jinrong Min, Dashyant Dhanak

Future Directions in Personalized Medicine for Lung Cancer, Tony S. Mok, Chairperson, Room 143, Washington Convention Center, p. 141

Speakers: Vincent A. Miller, Tony S. Mok, Pasi A. Jänne, Johan F. Vansteenkiste

Immune Modulation in the Tumor Microenvironment: Tregs and Other Factors Regulating Host Response, James P. Allison, Chairperson, Room 145, Washington Convention Center, p. 142

Speakers: Raghu Kalluri, Tyler Curiel, James P. Allison

Metabolism and Signaling in Cancer, Eyal Gottlieb, Chairperson, Ballroom A-B, Washington Convention Center, p. 142

Speakers: Eyal Gottlieb, Almut Schulze, David M. Sabatini, Nika Danial

New Approaches in Molecular Epidemiology, Carmen J. Marsit, Chairperson, Room 152, Washington Convention Center, p. 143

Speakers: Marylyn D. Ritchie, Carmen J. Marsit, Heather H. Nelson, Bruce S. Kristal

New Paradigms in Molecular Pharmacology, Angela N. Koehler, Chairperson, Room 151, Washington Convention Center, p. 143

Speakers: Angela N. Koehler, James E. Bradner, Andrew J. Phillips, Arturo J. Vegas

Therapeutic Nanotechnology, Gregory Lanza, Chairperson, Room 144, Washington Convention Center, p. 144

Speakers: Omid C. Farokhzad, Esther H. Chang, Thomas L. Andresen, Gregory Lanza

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

Advances in High-Resolution Optical Microscopy, Jan T. Liphardt, Chairperson, Room 150, Washington Convention Center, p. 145

Speakers: Jan T. Liphardt, Jay T. Groves, Alan R. Lowe, Schuyler van Engelenburg

Cancer Omics Beyond the Genome, Keji Zhao, Chairperson, Room 202, Washington Convention Center, p. 145

Speakers: X. Sunny Xie, Benjamin P. Berman, Keji Zhao, Nicholas Ingolia

Patient-Derived Xenograft Models of Cancer: Where Are We Going? Matthew J. Ellis, Chairperson, Room 204, Washington Convention Center, p. 146

Speakers: Michael T. Lewis, Jeremy N. Rich, Tan A. Ince, Matthew J. Ellis

Stem Cells, Enteroids, and Organoids: A New Era for In Vitro Models of the Intestine, James M. Wells, Chairperson, Room 201, Washington Convention Center, p. 146

Speakers: James M. Wells, Toshiro Sato, Scott Magness, Calvin J. Kuo

10:30 a.m.-4:00 p.m. Professional Advancement Session

Eighth Annual Undergraduate Student Caucus and Poster Competition*, Kathleen W. Scotto, Chairperson, Grand Ballroom North, Renaissance Washington Hotel, p. 147

Speakers: Donald S. Coffey, José Baselga

12:00 p.m.-5:00 p.m. Professional Advancement Session

16th Annual Grant Writing Workshop*, Congressional Hall A-B, Renaissance Washington Hotel, p. 148

Speakers: Wei Zheng, Karen E. Knudsen, Victoria L. Seewaldt

Mock Study Session Chairperson: Bernard E. Weissman

Category Codes for Poster Sessions and Minisymposia

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

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

The Central Role of the Microenvironment in Initiation and Progression of Tumors and Response to Chemotherapy

Mina J. Bissell, Chairperson, Room 143, Washington Convention Center, p. 149

Speakers: Frances R. Balkwill, Shahin Rafii, Mina J. Bissell, Larry Norton

Change for the Worse: Premalignant Metaplasia in the Stomach, Esophagus, and Pancreas

Steven D. Leach, Chairperson, Room 201, Washington Convention Center, p. 150

Speakers: James R. Goldenring, Jason A. Mills, Anil K. Rustgi, Steven D. Leach

Credentialing Response Biomarkers for Signal Transduction Inhibitors

Neal Rosen, Chairperson, Room 204, Washington Convention Center, p. 150

Speakers: Anthony G. Letai, Ravi K. Amaravadi, Neal Rosen

Deconstructing the Complexity of Triple-Negative Breast Cancer

Jorge S. Reis-Filho, Chairperson, Room 202, Washington Convention Center, p. 150

Speakers: William D. Foulkes, Jorge S. Reis-Filho, Jennifer A. Pietenpol, Nicholas C. Turner

DNA Damage Response: What Do We Know Now and What Will We Learn Next?

Junjie Chen, Chairperson, Room 144, Washington Convention Center, p. 151

Speakers: Junjie Chen, Jiri Bartek, Helen M. Piwnicka-Worms, Michael B. Kastan

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 3: Drug Lead Optimization

Michael J. Luzzio, Chairperson, Room 207, Washington Convention Center, p. 152

Speakers: Kevin Koch, Jean-Christophe P. Harmange, Pierre-Yves Michellys

Hypoxia-Induced Metastasis, M. Celeste Simon, Chairperson, Ballroom C, Washington Convention Center, p. 153

Speakers: Randall Johnson, Richard Bruick, Amato J. Giaccia, M. Celeste Simon

Noncoding RNAs in Cancer: From Pathogenesis to Therapeutics, Elsa R. Flores, Chairperson, Room 145, Washington Convention Center, p. 153

Speakers: Elsa R. Flores, Carlo M. Croce, Andrea Ventura, Michael F. Clarke

p53: Still Controversial after All These Years, Carol L. Prives, Chairperson, Room 147, Washington Convention Center, p. 154

Speakers: Carol L. Prives, Wei Gu, Karen H. Vousden, Moshe Oren

Translational Cancer Research for the Basic Scientist, Christos Sotiriou, Chairperson, Room 152, Washington Convention Center, p. 154

Speakers: Christos Sotiriou, Britta Weigelt, Karen Willard-Gallo, Sherene Loi

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

Measuring and Understanding Immune Responses to Cancer Immunotherapy, Holden T. Maecker, Chairperson, Room 151, Washington Convention Center, p. 155

Speakers: Holden T. Maecker, Cedryk M. Britten, Janet C. Siebert

Next-Generation Sequencing and Analysis of Genomes, Christopher A. Maher, Chairperson, Ballroom A-B, Washington Convention Center, p. 155

Speakers: Christopher A. Maher, Katherine Hoadley, Rachel Karchin, Benjamin J. Raphael

Normal and Malignant Stem Cells: New Paradigms,
Connie J. Eaves, Chairperson, Room 146, Washington
Convention Center, p. 156

Speakers: Connie J. Eaves, Ravi Bhatia, Mark J.
Shackleton, Gilbert H. Smith

Small Animal Imaging in Cancer Research, H. Charles
Manning, Chairperson, Room 150, Washington Convention
Center, p. 156

Speakers: Brian D. Ross, Jonathan S. Wall, Charles F.
Caskey, H. Charles Manning

**Transdisciplinary Cancer Research Teams: If You Build
It, Will They Come?** Julie A. Ross, Chairperson, Room 103,
Washington Convention Center, p. 157

Speakers: Stephen M. Schwartz, Joseph L. Wiemels,
James F. Amatruda, Julie A. Ross

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

**Building Presence and Leadership Through Empowered
Communication***, Martine J. Piccart and Victoria M.
Richon, Co-Chairpersons, Independence Ballroom F-I,
Grand Hyatt Washington Hotel, p. 158

Speakers: Jennifer R. Grandis, Abenaa M. Brewster, Mary
Lynne Hedley, Kornelia Polyak, Beverly A. Teicher

**2:00 p.m.-3:00 p.m. Regulatory Science and
Policy Session**

**Evaluation of Cancer Vaccines and Immunotherapy
Products at FDA/CBER**, Raj K. Puri, Chairperson, Room
140, Washington Convention Center, p. 159

Speaker: Xiaobin Lu

3:15 p.m.-4:15 p.m. Meet-the-Expert Sessions

**Cellular Consequences of Aneuploidy and Aneuploidy as
a Target for Cancer Therapy**, Room 103, Washington
Convention Center, p. 160

Speaker: Angelika Amon

**Clonal and Mutation Evolution in Cancer Medicine in the
Era of Next-Generation Genome Sequencing**, Room 202,
Washington Convention Center, p. 160

Speaker: Samuel Aparicio

Hereditary Cancer Syndromes, Room 152, Washington
Convention Center, p. 160

Speaker: Charis Eng

**Novel Approaches in Allogeneic Bone Marrow
Transplantation**, Room 151, Washington Convention
Center, p. 161

Speaker: Marcel Van Den Brink

Stapled Peptides as Next-Generation Therapeutics,
Room 144, Washington Convention Center, p. 161

Speaker: Gregory L. Verdine

**3:15 p.m.-4:15 p.m. Regulatory Science and
Policy Session**

When to File an Investigational Device Exemption (IDE),
Elizabeth Mansfield, Chairperson, Room 140, Washington
Convention Center, p. 162

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Can Mouse Cancer Models Improve Clinical Medicine?

David A. Tuveson, Chairperson, Room 150, Washington Convention Center, p. 163

Speakers: David A. Tuveson, Edison T. Liu, Leisa Johnson, Pier Paolo Pandolfi

Cancer Stem Cells: Biologic and Clinical Implications,

Max S. Wicha, Chairperson, Room 146, Washington Convention Center, p. 163

Speakers: Max S. Wicha, Dean G. Tang, Catriona H. Jamieson

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 4: Oncology Drug Discovery and Development: Combination Therapies,

Tona M. Gilmer, Chairperson, Room 207, Washington Convention Center, p. 164

Speakers: Tona M. Gilmer, Paul Workman, Marion Wiesmann, Amy E. McKee, Axel Hoos

Genetically Engineered Immune Cells in Immunotherapy,

Carl H. June, Chairperson, Room 145, Washington Convention Center, p. 164

Speakers: Steven A. Rosenberg, Charles Sentman, Renier J. Brentjens, Carl H. June

Nuclear Topology and Transcription Factors: Defining the Architecture of Normal and Malignant Cells,

Ari M. Melnick, Chairperson, Room 201, Washington Convention Center, p. 165

Speakers: Ari M. Melnick, Gerd A. Blobel, Bing Ren

Rational Combination Therapies in Cancer,

Gordon B. Mills, Chairperson, Ballroom C, Washington Convention Center, p. 165

Speakers: Louis M. Staudt, Constantine S. Mitsiades, Scott A. Armstrong, Gordon B. Mills

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

GWAS: The Next Steps, Ellen L. Goode, Chairperson, Room 204, Washington Convention Center, p. 166

Speakers: Stephen B. Gruber, Brooke L. Fridley, Alvaro Monteiro, Rosalind A. Eeles

Measuring Metabolism in Cancer, Ralph J. DeBerardinis, Chairperson, Room 147, Washington Convention Center, p. 166

Speakers: Gary Siuzdak, Christian Metallo, Sabrina M. Ronen, Ralph J. DeBerardinis

New Approaches to Imaging Tumor Biology, Kevin M. Brindle, Chairperson, Room 143, Washington Convention Center, p. 167

Speakers: John S. Condeelis, Vasilis Ntziachristos, Sanjiv S. Gambhir, Kevin M. Brindle

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

Autocrine Activation of MET and Strategies to Overcome Adaptation for the Targeted Therapy of Acute Myeloid Leukemia, Room 152, Washington Convention Center, p. 168

Speaker: A. Thomas Look

Developing Targeted Therapies in Lung Cancer, Room 151, Washington Convention Center, p. 168

Speaker: Alice T. Shaw

Evaluating Positive and Negative Selection in Cancer Genomes, Room 202, Washington Convention Center, p. 169

Speaker: Rameen Beroukhir

RANKL: From Bone Loss to the Regulation of Breast Cancer, Room 103, Washington Convention Center, p. 169

Speaker: Josef Penninger

Using Switchable Mouse Genetics to Identify Optimal Cancer Therapy Targets, Room 144, Washington Convention Center, p. 169

Speaker: Gerard I. Evan

4:30 p.m.-5:30 p.m. Regulatory Science and Policy Session

Pitfalls in Oncology Drug Development, Tatiana Prowell, Chairperson, Room 140, Washington Convention Center, p. 170

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

Birthday Celebration for James D. Watson*, Ballroom A-B, Washington Convention Center, p. 171

Speaker: James D. Watson

5:15 p.m.-6:30 p.m. Award Lecture

Sixteenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship, Ballroom C, Washington Convention Center, p. 172

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

Ninth Annual AACR-Irving Weinstein Foundation Distinguished Lectureship, Ballroom A-B, Washington Convention Center, p. 173

6:00 p.m.-7:30 p.m. Special Session

25th Anniversary Celebration of Associate Membership*, Independence Ballroom A, Grand Hyatt Washington Hotel, p. 174

Speaker: Adam J. Ruben

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Molecular Therapeutics; IM = Immunology; PR = Prevention Research;
TB = Tumor Biology

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

Sunday, April 7, 2013

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

Biomarkers of Resistance to Endocrine Treatments in Breast Cancer, Room 207, Washington Convention Center, p. 179

Speaker: Mitchell Dowsett

Breast Cancer Genomics: Challenges and Opportunities, Room 146, Washington Convention Center, p. 179

Speaker: Matthew J. Ellis

Cancer Disparities, Room 143, Washington Convention Center, p. 179

Speaker: Peter Boyle

Cancer Imaging in Mice and Men, Room 145, Washington Convention Center, p. 179

Speaker: Andrew L. Kung

Considerations for Sequencing Analyses of Cancer Progression and Metastasis, Room 150, Washington Convention Center, p. 180

Speaker: Christine A. Iacobuzio-Donahue

Dysregulated Morphogenesis and Polarity in Cancer, Room 151, Washington Convention Center, p. 180

Speaker: Jeffrey L. Wrana

Imatinib as a Paradigm of Targeted Cancer Therapies, Ballroom C, Washington Convention Center, p. 180

Speaker: Brian J. Druker

Macrophages as a Therapeutic Target in the Tumor Microenvironment, Room 202, Washington Convention Center, p. 180

Speaker: Johanna A. Joyce

Mechanisms of Mutant p53 Gain of Oncogenic Function, Room 144, Washington Convention Center, p. 181

Speaker: Carol L. Prives

The Promise of T-Cell Engineering, Room 152, Washington Convention Center, p. 181

Speaker: Michel Sadelain

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, Moderator, Room 140, Washington Convention Center, p. 182

Speakers: Angela Y. Ng, Elizabeth Woodhouse, Suresh Mohla

8:30 a.m.-9:40 a.m. Opening Ceremony and Award Presentations

Seventh Annual AACR Team Science Award*, Hall D, Washington Convention Center, p. 184

Tenth Annual AACR Award for Lifetime Achievement in Cancer Research*, Hall D, Washington Convention Center, p. 185

Fellows Award*, Hall D, Washington Convention Center, p. 187

Seventh Annual AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research*, Hall D, Washington Convention Center, p. 188

2013 AACR Distinguished Public Service Award*, Hall D, Washington Convention Center, p. 189

Recipient: Katie Couric

9:40 a.m.-12:00 p.m. Opening Plenary Session

From Discovery Science to Precision Medicine: Paving the Path to Progress, José Baselga, Chairperson, Hall D, Washington Convention Center, p. 190

Speakers: Siddhartha Mukherjee, Suzanne L. Topalian, Charles M. Perou, Hans Clevers

12:30 p.m.-2:00 p.m. NCI/NIH-Sponsored Session

NCI Funding and Training Opportunities in Cancer Research*, Ming Lei, Moderator, Room 140, Washington Convention Center, p. 192

Speakers: Jonathan S. Wiest, Sonia B. Jakowlew, Susan N. Perkins, Michael Schmidt

12:30 p.m.-5:00 p.m. Exhibit Hall Open

Hall A-C, Washington Convention Center, p. 28

12:45 p.m.-3:00 p.m. Major Symposium

Noncoding RNAs and Cancer, Phillip A. Sharp, Chairperson, Ballroom C, Washington Convention Center, p. 193

Speakers: Joshua Mendell, Jeannie T. Lee, Howard Y. Chang, Phillip A. Sharp

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

Career Advice for International Trainees Working in the U.S.*, AACRcentral, Hall A-C, Washington Convention Center, p. 194

Speakers: Rajeev Samant, Fatma M. Shebl

1:00 p.m.-3:00 p.m. Current Concepts in Diagnostics and Therapeutics Research

Nanotechnology Approaches to the Treatment of Cancer*, Mark E. Davis, Chairperson, Room 144, Washington Convention Center, p. 195

Speakers: Mark E. Davis, Warren Chan, Scott Eliasof, David Morrissey

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Current Concepts in Organ Site Research

Lymphoid Malignancies, Peter J. Campbell and Louis M. Staudt, Co-Chairpersons, Room 151, Washington Convention Center, p. 196

Speakers: Peter J. Campbell, Mignon Loh, Riccardo Dalla-Favera, Louis M. Staudt

Molecular Basis and Therapeutic Targeting of Bone Metastasis, Yibin Kang and Matthew R. Smith, Co-Chairpersons, Room 147, Washington Convention Center, p. 196

Speakers: Matthew R. Smith, Russell S. Taichman, Theresa A. Guise, Yibin Kang

The Origins and Neoplastic Progression of Barrett's Esophagus, Timothy C. Wang and Brian J. Reid, Co-Chairpersons, Room 204, Washington Convention Center, p. 197

Speakers: Timothy C. Wang, Frank McKeon, Carlo C. Maley, Brian J. Reid

Pediatric Cancer: From Susceptibility to Targeted Therapies, Katherine K. Matthay and John M. Maris, Co-Chairpersons, Salon C, East Hall, Washington Convention Center, p. 197

Speakers: Olivier Delattre, David H. Rowitch, Mary V. Relling, Louis Chesler

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

Drug Development Track: Special Session

New Drugs on the Horizon 1, Lori S. Friedman and Simon Bailey, Co-Chairpersons, Room 207, Washington Convention Center, p. 198

Speakers: Shifeng Pan, Timothy Hoey, Francis Y. F. Lee, Dennis Huszar

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

Major Symposia

Cross-Species Analysis of Mouse and Human Cancer, David J. Adams, Chairperson, Room 145, Washington Convention Center, p. 199

Speakers: Tyler Jacks, Anguraj Sadanandam, Hans-Guido Wendel, David J. Adams

The Interface Between Development and Cancer Using Model Organisms, Michael M. Shen, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 199

Speakers: Leonard I. Zon, Ross L. Cagan, Hui Zong, Michael M. Shen

Liquid Biopsies to Monitor Response and Resistance to Targeted Therapies, Alberto Bardelli, Chairperson, Ballroom A-B, Washington Convention Center, p. 200

Speakers: Ben H. Park, Michael Jeffers, Nitzan Rosenfeld, Alberto Bardelli

Mutations in Epigenetic Regulators in Cancer, Scott A. Armstrong, Chairperson, Room 146, Washington Convention Center, p. 200

Speakers: Charles W. Roberts, Richard A. Young, Kristian Helin, Scott A. Armstrong

Obesity, Energy Balance, and Metabolism, Eileen P. White, Chairperson, Room 202, Washington Convention Center, p. 201

Speakers: David M. Sabatini, Eileen P. White, Andrew J. Dannenberg, Stephen D. Hursting

The Origins and Clinical Implications of Precancerous Lesions, Cory Abate-Shen, Chairperson, Room 143, Washington Convention Center, p. 201

Speakers: Kornelia Polyak, Wei Gu, Masashi Narita, Ervin H. Epstein

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

Designing and Delivering Effective Scientific Presentations*, Constitution Ballroom A-B, Grand Hyatt Washington Hotel, p. 202

Speakers: Gregory L. Beatty, Michael B. Cook, Antonio Di Cristofano, Yonghe Li, Gloria S. Huang, Thomas A. Sellers, Scott Morgan, Lalita R. Shevde-Samant, Justin D. Lathia

1:00 p.m.-3:00 p.m. Regulatory Science and Policy Session

Harnessing the Immune System to Treat Cancer: Personalized and Targeted T-Cell Therapy, Ke Liu, Chairperson, Room 150, Washington Convention Center, p. 203

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

- CL1 Biomarkers 1: Genitourinary Cancers, Melanoma, and Sarcomas**, Hall A-C, Poster Section 1, p. 204
- CL2 Clinical Trials: Signal Transduction Inhibitors**, Hall A-C, Poster Section 2, p. 205
- CL3 Molecular Diagnostics**, Hall A-C, Poster Section 3, p. 206
- CL4 Molecular Radiation Biology and Oncology**, Hall A-C, Poster Section 4, p. 207
- EN1 Hormone Action**, Hall A-C, Poster Section 6, p. 208
- EP1 Biomarkers of Exposure, Dietary Factors, and Risk or Prognosis of Diseases**, Hall A-C, Poster Section 7, p. 209
- EP2 Epidemiology of Breast and Ovarian Cancers**, Hall A-C, Poster Section 8, p. 210

- PR1 Clinical Cancer Prevention / Health Disparities Research**, Hall A-C, Poster Section 10, p. 211
- PR2 Preclinical Animal Models 1**, Hall A-C, Poster Section 11, p. 212
- TB1 Cancer Cell Adhesion**, Hall A-C, Poster Section 12, p. 213
- TB2 Cancer Stem Cell Targeting Therapies 1**, Hall A-C, Poster Section 13, p. 214
- TB3 Cancer Stem Cells 1**, Hall A-C, Poster Section 14, p. 215
- TB4 Defining the Epithelial-Mesenchymal Transition 1**, Hall A-C, Poster Section 15, p. 216
- TB5 Genitourinary and Ovarian Cancer Models and Therapy**, Hall A-C, Poster Section 16, p. 217
- TB6 Head and Neck, Lung, and Central Nervous System Cancer Models and Therapy**, Hall A-C, Poster Section 17, p. 218
- TB7 Host-Tumor Interaction**, Hall A-C, Poster Section 18, p. 219
- TB8 Metastasis-Related Technologies: Imaging, Sequencing, Profiling, and Biomarkers**, Hall A-C, Poster Section 19, p. 220
- TB9 Radiation Biology 1**, Hall A-C, Poster Section 20, p. 221
- IM1 Immunosuppression**, Hall A-C, Poster Section 21, p. 222
- IM2 Vaccines, Immune Modulatory Agents, and Environment**, Hall A-C, Poster Section 22, p. 223
- MCB1 Breast and Ovarian Cancer**, Hall A-C, Poster Section 23, p. 224
- MCB2 Breast Cancer**, Hall A-C, Poster Section 24, p. 225
- MCB3 Cell Cycle 1**, Hall A-C, Poster Section 25, p. 226
- MCB4 Cell Death and Cancer Therapy**, Hall A-C, Poster Section 26, p. 227
- MCB5 DNA Damage and Repair**, Hall A-C, Poster Section 27, p. 228
- MCB6 Epigenetic Biomarkers**, Hall A-C, Poster Section 28, p. 229

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

- MCB7 Epigenetic Therapy and Risk Biomarkers**, Hall A-C, Poster Section 29, p. 230
- MCB8 Inhibitors Targeting Cell Cycle, Checkpoints, and Telomeres**, Hall A-C, Poster Section 30, p. 231
- MCB9 Innovation in Cancer Imaging Technologies**, Hall A-C, Poster Section 31, p. 232
- MCB10 Mechanisms of Transcription**, Hall A-C, Poster Section 32, p. 233
- MCB11 Nuclear Oncoproteins and p53 Family Tumor Suppressors**, Hall A-C, Poster Section 33, p. 234
- MCB12 Oncogenomics 1**, Hall A-C, Poster Section 34, p. 235
- MCB13 Regulation of Cell Death and Survival**, Hall A-C, Poster Section 35, p. 236
- ET1 Breast Cancer**, Hall A-C, Poster Section 36, p. 237
- ET2 Drug Resistance**, Hall A-C, Poster Section 37, p. 238
- ET3 Inhibition of Kinase Signaling 1**, Hall A-C, Poster Section 38, p. 239
- ET4 RAS Pathway**, Hall A-C, Poster Section 39, p. 240
- ET5 Reversal of Drug Resistance 1**, Hall A-C, Poster Section 40, p. 241
- ET6 Reversal of Drug Resistance 2**, Hall A-C, Poster Section 41, p. 242
- ET7 Targeting Gene Regulation**, Hall A-C, Poster Section 42, p. 243
- ET8 Targeting Intracellular and Extracellular Kinases**, Hall A-C, Poster Section 43, p. 244

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

**Late-Breaking
Poster Sessions***

Chemistry, Hall A-C, Poster Section 45, p. 245

Epidemiology, Hall A-C, Poster Section 47, p. 245

Molecular and Cellular Biology, Hall A-C, Poster Section 48, p. 245

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

NCI/NIH-Sponsored Session

Breast Cancer and the Environment: Prioritizing Prevention*, Room 102, Washington Convention Center, p. 247

Speakers: Michele R. Forman, Michael Gould, Jeanne Rizzo, Deborah M. Winn, Jennifer B. Collins

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

SU2C Special Session

SU2C Innovative Research Grants: Cutting-Edge Research With an Eye Towards Translation*, William G. Nelson, Moderator, Room 201, Washington Convention Center, p. 246

Speakers: Angelique Whitehurst, Adolfo Ferrando, Roger S. Lo, Markus Müschen, William Pao, Catherine J. Wu

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

Meet the Research Pioneer

Michael A. Hollingsworth and Anil K. Rustgi, Pancreatic Cancer Researchers*, AACRcentral, Hall A-C, Washington Convention Center, p. 248

Speakers: Michael A. Hollingsworth, Anil K. Rustgi

Category Codes for Poster Sessions and Minisymposia

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

2:00-3:30 p.m.

NCI/NIH-Sponsored Session

Advancing Scientific Progress Through Genomic Data Sharing: Access and Analysis*, Elizabeth M. Gillanders, Moderator, Room 140, Washington Convention Center, p. 249

Speakers: Elizabeth M. Gillanders, Nancy J. Cox, Stephen T. Sherry, Stephen H. Friend, Brandon L. Pierce

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

Meet and Greets

Meet the MICR Council*, Marcia R. Cruz-Correa, Chairperson, AACRcentral, Hall A-C, Washington Convention Center, p. 250

Council Members: Christopher I. Li, Levi A. Garraway, A. W. Blackstock, Wayne D. Bowen, Malcolm V. Brock, Chanita Hughes-Halbert, Rick A. Kittles, Rena J. Pasick, Edith A. Perez, Sanya A. Springfield, Miguel A. Villalona-Calero

Meet the WICR Council*, Wortia McCaskill-Stevens, Lydia Armstrong, and Wen-Jen Hwu, Co-Chairpersons, AACRcentral, Hall A-C, Washington Convention Center, p. 251

Council Members: Leslie Bernstein, Janet E. Dancey, Jessie M. English, Mary J. Hendrix, Pearl S. Huang, Nancy E. Hynes, Patricia M. LoRusso, Martine J. Piccart, Victoria M. Richon, Lillian L. Siu, Thea D. Tlsty

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

Clinical Trials Symposium

Biomarkers and Clinical Targeting of the PI3 Kinase and VEGF Pathways*, Ballroom A-B, Washington Convention Center, p. 252

3:15 p.m.-4:45 p.m.

SU2C Special Session

New SU2C Dream Teams: Patient Benefit Through Targeted Therapeutics and Immunotherapy*, Phillip A. Sharp, Moderator, Room 202, Washington Convention Center, p. 259

Speakers: James P. Allison, Arul M. Chinnaiyan, Eric J. Small, Patricia M. LoRusso, René S. Bernards

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

Drug Development Track: Special Session

New Drugs on the Horizon 2, Stacie S. Canan and Nancy K. Pryer, Co-Chairpersons, Room 207, Washington Convention Center, p. 260

Speakers: Alan G. Olivero, Rakesh Kumar, Bertolt Kreft

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

Minisymposia

CG1 Cellular and Molecular Mechanisms of Carcinogenesis, Sandeep Burma and Ruth A. Keri, Co-Chairpersons, Room 144, Washington Convention Center, p. 253

EN2 Preclinical and Molecular Endocrinology in Hormone-Responsive Cancers*, Myles A. Brown and Kerry L. Burnstein, Co-Chairpersons, Room 206, Washington Convention Center, p. 254

ET9 Chemical Modulation of Gene Expression, Minkui Luo and Cheryl Arrowsmith, Co-Chairpersons, Room 103, Washington Convention Center, p. 258

ET10 Identification of New Cancer Targets 1, Frank P. Stegmeier and Ji Luo, Co-Chairpersons, Room 150, Washington Convention Center, p. 258

MCB14 Aberrant Signaling and Extracellular Stimulae, Kevin M. Shannon and Karen Cichowski, Co-Chairpersons, Room 201, Washington Convention Center, p. 256

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

MCB15 **Genome-Based Discovery in Human Cancer**, Victor E. Velculescu and Raju Kucherlapati, Co-Chairpersons, Room 145, Washington Convention Center, p. 257

MCB16 **Noncoding RNA Regulation in Cancer**, Elsa R. Flores and Joel Nielsen, Co-Chairpersons, Room 147, Washington Convention Center, p. 257

PR3 **Cancer Prevention**, Fadlo R. Khuri and Steven M. Dubinett, Co-Chairpersons, Salon C, East Hall, Washington Convention Center, p. 254

TB10 **Mouse Cancer Models and Therapy**, Norman E. Sharpless and Nabeel M. Bardeesy, Co-Chairpersons, Room 151, Washington Convention Center, p. 255

TB11 **Role of Microenvironment in Tumor Dormancy and Resistance Niches**, Bruce Zetter and Robert S. Kerbel, Co-Chairpersons, Room 143, Washington Convention Center, p. 255

TB 12 **Tissue Organization, Mechanical Forces, and 3-D Modeling of the Microenvironment**, Carlos Sonnenschein and Hynda K. Kleinman, Co-Chairpersons, Room 204, Washington Convention Center, p. 256

3:15 p.m.-5:15 p.m. **Regulatory Science and Policy Session**

A Conversation on a Decade of Oncology Drug Development: Perspectives from FDA Oncologic Drugs Advisory Committee (ODAC) Chairs, Richard Pazdur, Chairperson, Room 146, Washington Convention Center, p. 261

Speakers: Mikkael Sekeres, Wyndham E. Wilson, S. Gail Eckhardt, Maha H. Hussain, Silvana Martino, Donna Przepiorka

3:30 p.m.-4:30 p.m. **Career Conversations**

Publishing Your Paper: Strategies and Pitfalls*, AACRcentral, Hall A-C, Washington Convention Center, p. 262

Speakers: Robert H. Vonderheide, Lynne-Marie Postovit

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

Meet the Mentor: Undergraduate Focus*, AACRcentral, Hall A-C, Washington Convention Center, p. 263

Speaker: Jose G. Treviño

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

Federally Supported Cancer Biospecimen Resources Available to the Research Community*, Room 140, Washington Convention Center, p. 264

Speakers: Irina A. Lubensky, William E. Grizzle, Mark A. Watson, Christopher A. Moskaluk, Bruce J. Trock, Leah E. Mechanic, Claire Zhu

3:45 p.m.-5:15 p.m. **Special Session**

Funding Opportunities in Europe for Creative Minds from Anywhere in the World*, Eleni Zika, Chairperson, Room 102, Washington Convention Center, p. 265

Speakers: Eleni Zika, Nadia El Mjiyad, Cedric Blanpain, Kristian Helin, María A. Blasco, Eduard Batlle

4:15 p.m.-5:30 p.m. Award Lecture

Eighth Annual AACR-Minorities in Cancer Research Jane Cooke Wright Lectureship, Ballroom C, Washington Convention Center, p. 266

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

The End of K-RAS Cancers? Hall D, Washington Convention Center, p. 267

Speaker: Frank McCormick

6:00 p.m.-7:30 p.m. Town Meeting

Chemistry in Cancer Research (CICR) Town Meeting*, Billy W. Day and Michael J. Luzzio, Co-Chairpersons, Grand Ballroom Central, Renaissance Washington Hotel, p. 268

6:00 p.m.-9:00 p.m. Town Meeting

Cancer Immunology (CIMM) Town Meeting*, Grand Ballroom North, Renaissance Washington Hotel, p. 269

Speakers: Philipp Beckhove, Anna K. Palucka, Sebastian Kreiter, Margaret Foti

6:30 p.m.-8:30 p.m. Professional Advancement Session

Professional Networking: The Gateway to Scientific Collaborations*, Renaissance Ballroom, Renaissance Washington Hotel, p. 270

Speakers: Victoria M. Richon, Ross L. Levine, Anirban P. Mitra

7:00 p.m.-9:00 p.m. Town Meeting

Pediatric Cancer Working Group (PCWG) Town Hall Meeting and Reception*, Grand Ballroom South, Renaissance Washington Hotel, p. 271

Speakers: Victoria M. Richon, Ross L. Levine, Anirban P. Mitra

9:00 p.m.-12:00 a.m. AACR Annual Reception*

Independence Ballroom, Grand Hyatt Washington Hotel, p. 271

Category Codes for Poster Sessions and Minisymposia

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Molecular Therapeutics; IM = Immunology; PR = Prevention Research;
TB = Tumor Biology

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

Monday, April 8, 2013

6:45 a.m.-7:45 a.m. Meet-the-Expert Sessions

2-Oxoglutarate-Dependent Dioxygenases as Targets of Cancer-Causing Mutations and Cancer Therapeutics, Room 207, Washington Convention Center, p. 275

Speaker: William G. Kaelin

Analytical Approaches for the Discovery of Patient Selection Biomarkers, Room 143, Washington Convention Center, p. 275

Speaker: Kavitha Venkatesan

Cancer Epigenetics and Epigenetics: Two Sides of the Same Coin? Salon A-B, East Hall, Washington Convention Center, p. 275

Speaker: Peter A. Jones

Cell-Based and Patient-Derived Xenografts as Models for Targeted Therapy, Salon C, East Hall, Washington Convention Center, p. 275

Speaker: Maurizio Scaltriti

A Chemo-Genomic Approach to Understand Leukemia Stem Cell Self-Renewal, Room 145, Washington Convention Center, p. 276

Speaker: Guy Sauvageau

ERBB2/HER2: An Update on Signaling, Biology, the Older and Newer Drugs, Room 202, Washington Convention Center, p. 276

Speaker: Yosef Yarden

Identifying Novel Redox Signaling Pathways for Cancer Chemoprevention: From Fly to the Mouse, Room 144, Washington Convention Center, p. 276

Speaker: Garth Powis

Inter- and Intratumor Heterogeneity in Human Cancer, Room 146, Washington Convention Center, p.276

Speaker: P. Andrew Futreal

Matching Mechanism to Management: What Molecular Biology Is Teaching Us in Head and Neck Cancer, Room 152, Washington Convention Center, p. 277

Speaker: Ezra E. W. Cohen

Ovarian Cancer Immunotherapy: Are We There Yet? Room 151, Washington Convention Center, p. 277

Speaker: George Coukos

Progress in Targeting Chromatin-Modifying Enzymes in Cancer Therapy, Room 150, Washington Convention Center, p. 277

Speaker: Victoria M. Richon

Roles of CD44 in Cancer Stem Cells, Room 204, Washington Convention Center, p. 278

Speaker: Hideyuki Saya

What Has CYP17 Inhibition Taught Us About Prostate and Breast Cancers? Room 147, Washington Convention Center, p. 278

Speaker: Johann S. de Bono

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

Epigenetic Targets for Cancer, Robert A. Copeland, Chairperson, Hall D, Washington Convention Center, p. 279

Speakers: Peter W. Laird, Anjana Rao, James E. Bradner, Robert A. Copeland

8:15 a.m.-10:15 a.m. Professional Advancement Session

WICR Career Mentoring Session*, Leslie Bernstein and Jessie M. English, Co-Chairpersons, Constitution Ballroom C-E, Grand Hyatt Washington Hotel, p. 280

Speaker: Joan S. Brugge

10:00 a.m.-10:30 a.m. Special Lecture

NCI Director's Update, Hall D, Washington Convention Center, p. 281

Speaker: Harold E. Varmus

11:00 a.m.-12:15 p.m. Rally for Medical Research*

Carnegie Library Grounds at Mount Vernon Square, p. 282

12:30 p.m.-5:00 p.m. Exhibit Hall Open

Hall A-C, Washington Convention Center, p. 28

12:45 p.m.-3:15 p.m. SU2C Special Session

Realizing Patient Benefit: Three-Year Results From the SU2C Dream Teams*, Phillip A. Sharp, Moderator, Ballroom A-B, Washington Convention Center, p. 283

Speakers: Stephen B. Baylin, Lewis C. Cantley, Daniel A. Haber, Dennis J. Slamon, Craig B. Thompson

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

Pathways to Independence: Research and Funding Opportunities for Basic and Clinical Researchers*, AACRcentral, Hall A-C, Washington Convention Center, p. 284

Speakers: Zeshaan A. Rasheed, Gregory L. Beatty

1:00 p.m.-2:30 p.m. NCI/NIH-Sponsored Session

NCI's Center for Strategic Scientific Initiatives (CSSI): Programs and Highlights*, Emily J. Greenspan, Moderator, Room 140, Washington Convention Center, p. 285

Speakers: Emily J. Greenspan, Anthony J. Dickherber, Emily S. Boja, Sean E. Hanlon, Dorothy F. Farrell, Jaime Guidry Auvil

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Current Concepts in Diagnostics and Therapeutics Research

Current Concepts on Aging, Telomeres, and Cancer,

María A. Blasco, Chairperson, Room 145, Washington Convention Center, p. 286

Speakers: María A. Blasco, Carol W. Greider, Jerry W. Shay, Ronald A. DePinho

Novel Mechanisms of Cancer Genomic Alteration,

Jan Korbelt, Chairperson, Room 152, Washington Convention Center, p. 286

Speakers: Jan Korbelt, Adam J. Bass, Tatsuhiro Shibata, Michael R. Stratton

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

Current Concepts in Organ Site Research

Epigenetic Mechanisms in Gastrointestinal Differentiation and Malignant Transformation,

Ramesh A. Shivdasani, Chairperson, Room 143, Washington Convention Center, p. 287

Speakers: Ramesh A. Shivdasani, Peter Lewis, Jan P. Medema, Manel Esteller

The Genetic and Epigenetic Landscape of AML Revealed,

Ari M. Melnick and Timothy Graubert, Co-Chairpersons, Room 147, Washington Convention Center, p. 287

Speakers: Timothy Graubert, Ari M. Melnick, Omar I. Abdel-Wahab, Ulrich G. Steidl

Latent Metastasis (Breast Cancer, Prostate Cancer),

Klaus Pantel and Frank J. Rauscher, Co-Chairpersons, Room 150, Washington Convention Center, p. 288

Speakers: Julio A. Aguirre-Ghiso, Jose R. Conejo-Garcia, Catherine Alix-Panabières, Klaus Pantel

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

Major Symposia

The Bayard D. Clarkson Symposium on Stem Cells and Cancer: Stem Cell Biology and Therapeutics,

John E. Dick, Chairperson, Room 207, Washington Convention Center, p. 289

Speakers: John E. Dick, Eduard Batlle, Cedric Blanpain, Emmanuelle Passegué

Developmental Origins of Cancer,

Richard J. Gilbertson, Chairperson, Room 151, Washington Convention Center, p. 289

Speakers: Stuart H. Orkin, Richard J. Gilbertson, Elaine Fuchs, Roel Nusse

Expanding the Druggable Genome,

Stephen W. Fesik, Chairperson, Room 202, Washington Convention Center, p. 290

Speakers: Domagoj Vucic, Shaomeng Wang, Loren D. Walensky, Stephen W. Fesik

The Ruth Sager Memorial Symposium: Cancer Heterogeneity,

Elaine Mardis, Chairperson, Room 146, Washington Convention Center, p. 290

Speakers: Elaine Mardis, William Pao, Peter J. Campbell, Charles Swanton

Targeting the Stroma,

Lewis A. Chodosh, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 291

Speakers: Robert H. Vonderheide, Michael T. Hemann, Eric C. Holland, Lewis A. Chodosh

Use of Next-Generation Sequencing: Implementation of Clinical Genomics,

David B. Solit, Chairperson, Ballroom C, Washington Convention Center, p. 291

Speakers: Anthony J. Iafrate, John D. Carpten, Arul M. Chinnaiyan, David B. Solit

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

Clinical Trials of Agents for Hematological and Other Malignancies, Room 144, Washington Convention Center, p. 293

1:00 p.m.-3:00 p.m. Regulatory Science and Policy Session

The Promise and Challenges of Pathological Complete Response (pCR) as a Novel Endpoint for Drug Approval in High-Risk, Early-Stage Breast Cancer, Eric P. Winer, Chairperson, Room 204, Washington Convention Center, p. 292

Speakers: Eric P. Winer, Patricia Cortazar, W. Fraser Symmans, Patricia Cortazar, Tatiana Prowell, W. Fraser Symmans, Kelly Hunt, Andrea L. Richardson, Elizabeth Cahn

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

- CL 6** **Biomarkers 2: Gastrointestinal Cancers**, Hall A-C, Poster Section 1, p. 294
- CL 7** **Clinical Trials: DNA Modulators and Tumor Microenvironment**, Hall A-C, Poster Section 2, p. 295
- CL 8** **Molecular Classification of Tumors**, Hall A-C, Poster Section 3, p. 296
- IM 3** **Cytokines, Modification of the Tumor Microenvironment, and Intervention**, Hall A-C, Poster Section 5, p. 297
- IM 4** **Immunotherapy**, Hall A-C, Poster Section 6, p. 298
- CG 2** **Molecular Carcinogenesis**, Hall A-C, Poster Section 8, p. 299
- EN 3** **Preclinical Studies in Hormone-Responsive Cancers**, Hall A-C, Poster Section 9, p. 300

- EP 3** **Candidate Genetic Biomarkers of Risk or Survival**, Hall A-C, Poster Section 10, p. 301
- PR 4** **Behavioral and Social Science in Cancer Prevention Research**, Hall A-C, Poster Section 11, p. 302
- TB 13** **Breast Cancer and Sarcoma Models and Therapy**, Hall A-C, Poster Section 12, p. 303
- TB 14** **Chemokines, Cytokines, and Tumor Microenvironment Interaction**, Hall A-C, Poster Section 13, p. 304
- TB 15** **Circulating and Disseminated Tumor Cell Quantification**, Hall A-C, Poster Section 14, p. 305
- TB 16** **Defining the Epithelial-Mesenchymal Transition 2**, Hall A-C, Poster Section 15, p. 306
- TB 17** **Gene Expression, Epigenetics, and Proteomics in the Tumor Microenvironment**, Hall A-C, Poster Section 16, p. 307
- TB 18** **Macrophages as Key Players in the Tumor Microenvironment**, Hall A-C, Poster Section 17, p. 308
- TB 19** **Novel Models of Cancer and Therapy**, Hall A-C, Poster Section 18, p. 309
- TB 20** **Radiation Biology 2**, Hall A-C, Poster Section 19, p. 310
- TB 21** **Response and Resistance to Angiogenic Inhibitors**, Hall A-C, Poster Section 20, p. 311
- TB 22** **Tumor-Stromal Interactions**, Hall A-C, Poster Section 21, p. 312
- ADV1** **Advocates Poster Session**, Hall A-C, Poster Section 22, p. 335
- MCB 17** **Autophagy and Cell Death**, Hall A-C, Poster Section 23, p. 313
- MCB 18** **Autophagy, Mitochondrial Bioenergetics, and Metabolism**, Hall A-C, Poster Section 24, p. 314
- MCB 19** **Bcl-2 Proteins/Apoptotic Signaling Pathways**, Hall A-C, Poster Section 25, p. 315
- MCB 20** **Cell Cycle 2**, Hall A-C, Poster Section 26, p. 316
- MCB 21** **DNA Damage and Mutations**, Hall A-C, Poster Section 27, p. 317

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

- MCB 22** **Gene Expression**, Hall A-C, Poster Section 28, p. 318
- MCB 23** **Long Noncoding RNAs in Cancer**, Hall A-C, Poster Section 29, p. 319
- MCB 24** **Metabolic Considerations and Novel Cancer Therapies**, Hall A-C, Poster Section 30, p. 320
- MCB 25** **Metabolic Pathways and Cancer**, Hall A-C, Poster Section 31, p. 321
- MCB 26** **Molecular Marker Studies**, Hall A-C, Poster Section 32, p. 322
- MCB 27** **Noncoding RNAs as Cancer Biomarkers**, Hall A-C, Poster Section 33, p. 323
- MCB 28** **Non-p53 Tumor Suppressors**, Hall A-C, Poster Section 34, p. 324
- MCB 29** **Oncogenomics 2**, Hall A-C, Poster Section 35, p. 325
- ET 11** **Combination Therapies and Novel Therapeutic Approaches**, Hall A-C, Poster Section 36, p. 326
- ET 12** **Experimental Combination Therapy 1**, Hall A-C, Poster Section 37, p. 327
- ET 13** **Inhibition of Kinase Signaling 2**, Hall A-C, Poster Section 38, p. 328
- ET 14** **New Agents and Targets**, Hall A-C, Poster Section 39, p. 329
- ET 15** **Novel Targeted Therapies 1**, Hall A-C, Poster Section 40, p. 330
- ET 16** **Novel Targets and Dual Inhibition**, Hall A-C, Poster Section 41, p. 331
- ET 17** **Pharmacogenetics and Pharmacogenomics of Cancer Treatment**, Hall A-C, Poster Section 42, p. 332
- CH 1** **Chemical Biology**, Hall A-C, Poster Section 43, p. 333

- CH 2** **Natural Products**, Hall A-C, Poster Section 44, p. 334

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

**Late-Breaking
Poster Sessions***

Clinical Research 1, Hall A-C, Poster Section 45, p. 336

Experimental and Molecular Therapeutics 1, Hall A-C, Poster Section 46, p. 336

Molecular and Cellular Biology 2, Hall A-C, Poster Section 47, p. 336

1:15 p.m.-2:15 p.m.

Meet the Research Pioneer

Meet the Research Pioneer: Douglas R. Lowy*, AACRcentral, Hall A-C, Washington Convention Center, p. 336

Speaker: Douglas R. Lowy

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

Meet and Greet

Meet the 2013-2014 AACR President*, AACRcentral, Hall A-C, Washington Convention Center, p. 339

Speaker: Charles L. Sawyers

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

Meet the Research Pioneer

Meet the Research Pioneer: John D. Groopman*, AACRcentral, Hall A-C, Washington Convention Center, p. 338

Speaker: John D. Groopman

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EN = Endocrinology; EP = Epidemiology; ET = Experimental and
Molecular Therapeutics; IM = Immunology; PR = Prevention Research;
TB = Tumor Biology

2:30 p.m.-3:30 p.m. NCI/NIH-Sponsored Session**The Cancer Genome Atlas (TCGA) A Rapidly Expanding Community Resource: Status, Review of Data**

Dissemination*, Kenna Shaw, Chairperson, Room 140, Washington Convention Center, p. 337

Speakers: Kenna Shaw, Liming Yang, Brad Ozenberger, Nikolaus Schultz

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

MICR Forum: Precision Medicine in Cancer: Will There Be Equitable Benefits? Chanita Hughes-Halbert and Rick A. Kittles, Co-Chairpersons, Salon C, East Hall, Washington Convention Center, p. 340

Speakers: Chanita Hughes-Halbert, Levi A. Garraway, Rick A. Kittles, Katrina Armstrong, William G. Nelson

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

Clinical Trials of Targeted Agents in Solid Tumors*, Room 146, Washington Convention Center, p. 348

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

TB23 Cancer Stem Cell Dynamics and Heterogeneity, Piyush Gupta and Hans Clevers, Co-Chairpersons, Room 143, Washington Convention Center, p. 343

CH3 Drug Discovery and Lead Optimization, Robert A. Mook and Lawrence Perez, Co-Chairpersons, Room 145, Washington Convention Center, p. 347

CL10 Identification of New Targets and Pathways in Cancer: Translating Basic Discoveries into the Clinic, Alice T. Shaw and Nikhil Wagle, Co-Chairpersons, Room 207, Washington Convention Center, p. 342

EP4 Novel Insights from Epidemiology, Kathy J. Helzlsouer and Johanna W. Lampe, Co-Chairpersons, Room 103, Washington Convention Center, p. 342

ET18 Novel Approaches to Targeting Critical Signaling Pathways*, Mark Moasser and Deepak Sampath, Co-Chairpersons, Room 150, Washington Convention Center, p. 346

ET 19 Targeting the Mutated Ras/Raf/MEK Pathways in Melanoma, Wilson H. Miller and Koren K. Mann, Co-Chairpersons, Room 151, Washington Convention Center, p. 346

MCB30 Gene Regulation and Cancer, Jonathan D. Licht and Warren S. Pear, Co-Chairpersons, Room 152, Washington Convention Center, p. 344

MCB31 Intracellular Signaling Dysregulation in Cancer Cells, Richard M. Marais and Lloyd C. Trotman, Co-Chairpersons, East Hall, Salons AB, Washington Convention Center, p. 345

MCB32 Molecular Determinants of Cancer Progression, Andrei Thomas-Tikhonenko and Mariano Barbacid, Co-Chairpersons, Room 147, Washington Convention Center, p. 345

MD1 Metformin: State of the Science 2013, Michael N. Pollak and Phillip A. Dennis, Co-Chairpersons, Room 201, Washington Convention Center, p. 341

TB24 Microenvironment Driving Tumor Initiation: Molecular Mechanisms, Adriana Albini and William G. Stetler-Stevenson, Co-Chairpersons, Room 144, Washington Convention Center, p. 343

TB25 Novel Mediators of Tumor Angiogenesis, Dan G. Duda and Donald M. McDonald, Co-Chairpersons, Room 204, Washington Convention Center, p. 344

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

A Conversation on Oncology Drug Development: An International Regulatory Perspective from the United States, the European Union, and Canada, Richard Pazdur, Chairperson, Room 202, Washington Convention Center, p. 349

Speakers: Agnes V. Klein, Katherine Soltys, Jan H. Schellens, Iordanis Gravanis, Ulrike Hermes, Anthony J. Murgo, Paul G. Kluetz, Amy E. McKee

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

Underrepresented Populations in Cancer Research: Equitable Access to Clinical Trials and High-Level Cancer Diagnosis and Care, Lowell E. Schnipper, Chairperson, Room 102, Washington Convention Center, p. 350

Speakers: Walter Wolf, Otis C. Brawley, Jeffrey Abrams, Derek Raghavan, Bettye L. Green

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

Fifty-Third Annual AACR-G.H.A. Clowes Memorial Award, Ballroom A-B, Washington Convention Center, p. 351

3:45 p.m.-5:15 p.m. NCI/NIH-Sponsored Session

NCI Resources for Imaging Research*, Room 140, Washington Convention Center, Paula Jacobs, Moderator, p. 352

Speakers: Paula Jacobs, John Freymann, Laurence Clarke

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

Basic and Translational Research Career Paths in Pancreatic Cancer*, AACRcentral, Hall A-C, Washington Convention Center, p. 353

Speakers: Channing J. Der, Darren R. Carpizo

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

Seventh Annual AACR Princess Takamatsu Memorial Lectureship, Ballroom C, Washington Convention Center, p. 354

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

Predictive Modeling of Cancer Treatment in Single Patients (N of 1), Charles L. Sawyers, Moderator, Room 207, Washington Convention Center, p. 355

Panel: Andrea Califano, David B. Solit, James H. Doroshow, Elaine Mardis

Stem Cells in Cancer, Sean J. Morrison, Moderator, Room 202, Washington Convention Center, p. 355

Panel: Richard J. Gilbertson, Cedric Blanpain

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

2013 AACR/ASCO Presidential Symposium: Current Challenges in Clinical Trials, Frank McCormick and Sandra M. Swain, Co-Chairpersons, Room 146, Washington Convention Center, p. 356

Speakers: Neal J. Meropol, J. Jack Lee, Alice T. Shaw, David A. Mankoff

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

MICR Town Meeting*, Marcia R. Cruz-Correa, Chairperson, Grand Ballroom South, Renaissance Washington Hotel, p. 357

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

Sixteenth Annual Pezcoller Foundation-AACR International Award for Cancer Research, Ballroom A-B, Washington Convention Center, p. 357

6:00 p.m.-7:30 p.m. Town Meeting

Molecular Epidemiology (MEG) Town Meeting*, James R. Cerhan, Chairperson, Renwick, Bulfinch, and Latrobe Rooms, Grand Hyatt Washington Hotel, p. 358

Speakers: Shelley S. Tworoger, Cornelia M. Ulrich, Muin J. Khoury, Johanna W. Lampe

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

Joint Cancer Immunology (CIMM)/Tumor Microenvironment (TME) Working Groups Evening Scientific Session: Innate Responses and the Tumor Microenvironment*, Elizabeth M. Jaffee and M. Celeste Simon, Co-Chairpersons, Bridge Rooms, Grand Hyatt Washington Hotel, p. 359

Speakers: Dafna Bar-Sagi, John S. Condeelis, M. Celeste Simon

6:30 p.m.-8:30 p.m. Professional Advancement Session

Navigating the Road to a Successful Career in Cancer Research: Professional Advancement Roundtable*, Rick A. Kittles and Miguel A. Villalona-Calero, Co-Chairpersons, Grand Ballroom, Renaissance Washington Hotel, p. 360

Speakers: Pamela A. Marino, Nelson H. Aguila, Electra D. Paskett, Miguel A. Villalona-Calero, Coleman K. Obasaju

Category Codes for Poster Sessions and Minisymposia

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

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

Tuesday, April 9, 2013

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

Cancer Stem Cells/Cancer-Initiating Cells: Signaling and Treatment Approaches, Room 146, Washington Convention Center, p. 363

Speaker: Joan Seoane

Complementing Angiogenesis Inhibitor Actions on Tumors, Room 145, Washington Convention Center, p. 363

Speaker: Donald M. McDonald

Finding the Best Cancer Targets: Promises and Challenges, Room 147, Washington Convention Center, p. 363

Speaker: Frank P. Stegmeier

Immune Reconstitution Following Lymphodepleting Cancer Therapy: Does It Matter? Room 150, Washington Convention Center, p. 363

Speaker: Crystal L. Mackall

The Impact of Genomics on Clinical Cancer Genetics, Salon A-B, East Hall, Washington Convention Center, p. 364

Speaker: Judy E. Garber

Links Between Metabolism and Cancer, Ballroom C, Washington Convention Center, p. 364

Speaker: Chi V. Dang

New Insights Into p53 From Genetics and Genomics, Room 202, Washington Convention Center, p. 364

Speaker: Laura D. Attardi

PAK Family of Kinases in Human Cancer: Past, Present, and Future, Room 144, Washington Convention Center, p. 364

Speaker: Rakesh Kumar

Personalized Medicine in Clinical Trials: What You Need to Know Now, Room 151, Washington Convention Center, p. 365

Speaker: Elizabeth Mansfield

Somatic Mutation Analyses in Melanoma, Room 207, Washington Convention Center, p. 365

Speaker: Yardena Samuels

Understanding T-ALL: Models, Mechanisms, and Genomics, Room 143, Washington Convention Center, p. 365

Speaker: Adolfo Ferrando

Using Networks to Genetically Map Biologic Process to Phenotype, Room 152, Washington Convention Center, p. 365

Speaker: Kenneth H. Buetow

7:00 a.m.-8:15 a.m. AACR Annual Business Meeting of Members*

Room 102, Washington Convention Center, p. 366

8:00 a.m.-9:30 a.m. NCI/NIH-Sponsored Session

The HMO Cancer Research Network: A Research Resource within Health Care Delivery Systems*, Room 140, Washington Convention Center, p. 367

Speakers: Vincent P. Doria-Rose, Lawrence H. Kushi, Virginia P. Quinn, Kathleen Mazor

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

- CL11** **Biomarkers 3: Lung Cancers**, Hall A-C, Poster Section 1, p. 368
- CL12** **Biomarkers 4: RTK/RAS Signaling**, Hall A-C, Poster Section 2, p. 369
- CL13** **Clinical Trials in Progress / Regulatory Science**, Hall A-C, Poster Section 3, p. 370
- CL14** **New Agents Targeting Signaling Pathways 1: Preclinical Models**, Hall A-C, Poster Section 4, p. 371
- CH4** **Drug Lead Optimization**, Hall A-C, Poster Section 6, p. 372
- CH5** **Proteomic and Metabolomic Applications for Cancer Research**, Hall A-C, Poster Section 7, p. 373
- EP5** **Epidemiologic Methods, Resources, and Hematologic Malignancies**, Hall A-C, Poster Section 9, p. 374
- EP6** **GWAS, Post-GWAS, and Functional Studies**, Hall A-C, Poster Section 10, p. 375
- PR5** **Epidemiology/Molecular Targets**, Hall A-C, Poster Section 11, p. 376
- TB26** **Cancer Stem Cells, Cancer Initiating Cells, and Tumor Dormancy in the Tumor Microenvironment Complex**, Hall A-C, Poster Section 12, p. 377
- TB27** **Cell Migration and Invasion 1**, Hall A-C, Poster Section 13, p. 378
- TB28** **Embryonic Stem Cells and Developmental Pathways**, Hall A-C, Poster Section 14, p. 379
- TB29** **Imaging in Preclinical Cancer Models**, Hall A-C, Poster Section 15, p. 380
- TB30** **Metastasis-Promoting Pathways**, Hall A-C, Poster Section 16, p. 381
- TB31** **Models of Gastrointestinal Cancers and Therapy**, Hall A-C, Poster Section 17, p. 382
- TB32** **Preclinical Evaluation of Candidate Therapies for Pediatric Cancer**, Hall A-C, Poster Section 18, p. 383
- TB33** **Primary Xenograft and Cell Line Cancer Models and Therapy**, Hall A-C, Poster Section 19, p. 384
- TB34** **The Metastatic Microenvironment 1**, Hall A-C, Poster Section 20, p. 385
- IM5** **Immune Therapeutics and Monoclonal Antibodies 1**, Hall A-C, Poster Section 21, p. 386
- IM6** **Tumor Promoting Inflammation**, Hall A-C, Poster Section 22, p. 387
- MCB33** **Application of Bioinformatics to Cancer Biology**, Hall A-C, Poster Section 23, p. 388
- MCB34** **Cancer Mechanisms and Medicine 1**, Hall A-C, Poster Section 24, p. 389
- MCB35** **Death Receptors/Apoptotic Signaling Pathways**, Hall A-C, Poster Section 25, p. 390
- MCB36** **Functional Epigenetics**, Hall A-C, Poster Section 26, p. 391
- MCB37** **Functional Identification of Cancer Genes**, Hall A-C, Poster Section 27, p. 392
- MCB38** **Growth Factor Receptors**, Hall A-C, Poster Section 28, p. 393
- MCB39** **MicroRNA Networks and Regulation**, Hall A-C, Poster Section 29, p. 394
- MCB40** **MicroRNA Signaling**, Hall A-C, Poster Section 30, p. 395
- MCB41** **Oncogenic Transcription Factors**, Hall A-C, Poster Section 31, p. 396
- MCB42** **Oncogenomics 3**, Hall A-C, Poster Section 32, p. 397

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SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

- MCB43** **Oncogenomics 4**, Hall A-C, Poster Section 33, p. 398
- MCB44** **Post-Transcriptional Regulation of Gene Expression**, Hall A-C, Poster Section 34, p. 399
- MCB45** **Proteomics and Metabolomics Technology Advances**, Hall A-C, Poster Section 35, p. 400
- ET20** **Chemical Inhibition of Signaling**, Hall A-C, Poster Section 36, p. 401
- ET21** **Experimental Combination Therapy 2**, Hall A-C, Poster Section 37, p. 402
- ET22** **Genetic Engineering for Cancer Therapy**, Hall A-C, Poster Section 38, p. 403
- ET23** **Modulation of DNA Repair and Cell Death**, Hall A-C, Poster Section 40, p. 404
- ET24** **Pharmacokinetics and Pharmacodynamics**, Hall A-C, Poster Section 41, p. 405
- ET25** **Resistance to Molecular Targeted Therapies 1**, Hall A-C, Poster Section 42, p. 406
- ET26** **Targeting Cell Cycle and DNA Damage**, Hall A-C, Poster Section 43, p. 407
- ET27** **Targeting Cell Death**, Hall A-C, Poster Section 44, p. 408

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

- Carcinogenesis**, Hall A-C, Poster Section 46, p. 409
- Clinical Trials**, Hall A-C, Poster Section 47, p. 409
- Prevention Research**, Hall A-C, Poster Section 48, p. 409

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8:15 a.m.-10:15 a.m. Current Concepts in Diagnostics and Therapeutics Research

Metformin, Phenformin, Diabetes, and Cancer, Michael N. Pollak, Chairperson, Room 150, Washington Convention Center, p. 410

Speakers: Michael N. Pollak, David Shackelford, Phillip A. Dennis, Alistair Thompson

Next-Generation Therapeutic Modeling in Mice, Anton J. Berns, Chairperson, Room 147, Washington Convention Center, p. 411

Speakers: Allan Balmain, Cory Abate-Shen, Jos Jonkers, Pier Paolo Pandolfi

8:15 a.m.-10:15 a.m. Current Concepts in Epidemiology and Prevention Research

Clinical Trials with Functional Foods, Thomas W. Kensler, Chairperson, Room 143, Washington Convention Center, p. 412

Speakers: Jed W. Fahey, Dean E. Brenner, Thomas W. Kensler, Gary D. Stoner

8:15 a.m.-10:15 a.m. Current Concepts in Organ Site Research

Developmental and Molecular Origins of Brain Tumors, Suzanne J. Baker and Cameron W. Brennan, Co-Chairpersons, Room 152, Washington Convention Center, p. 413

Speakers: Claudia Petritsch, Cameron W. Brennan, Suzanne J. Baker, Tom Curran

Pancreatic Adenocarcinoma: Progress and Challenges in Delineating Molecular and Structural Complexities,

Sean Grimmond and Karen M. Mann, Co-Chairpersons, Room 151, Washington Convention Center, p. 413

Speakers: David Ting, Sunil R. Hingorani, Sean Grimmond, Karen M. Mann

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

BRAF Pathway Inhibitors in Melanoma: Where Do We Go from Here? Richard M. Marais, Chairperson, Room 202, Washington Convention Center, p. 414

Speakers: Richard M. Marais, Deborah Morrison, Martin McMahon, Roger S. Lo

The Global Cancer Crisis: Needs and Opportunities for Prevention, John D. Groopman, Chairperson, Room 145, Washington Convention Center, p. 414

Speakers: Christopher P. Wild, Surendra S. Shastri, Felicia M. Knaul, John D. Groopman

Intrinsic and Microenvironment-Dependent Adaptive Responses that Regulate Drug Resistance, Joan S. Brugge, Chairperson, Ballroom C, Washington Convention Center, p. 415

Speakers: Ryan B. Corcoran, Gary Johnson, Joan S. Brugge, Mikala Egeblad

Large-Scale Genomics Studies of Human Cancer, Raju Kucherlapati, Chairperson, Room 146, Washington Convention Center, p. 415

Speakers: Lynda Chin, Chris Sander, Katherine A. Hoadley, Raju Kucherlapati

Metabolic Inputs Into Cancer Epigenetics, Craig B. Thompson, Chairperson, Ballroom A-B, Washington Convention Center, p. 416

Speakers: Kun-Liang Guan, Karen Vousden, Scott Bultman, Craig B. Thompson

Mitotic Checkpoints Driving Cancer Therapeutic Strategies, Peter K. Jackson, Chairperson, Room 207, Washington Convention Center, p. 416

Speakers: Timothy J. Mitchison, Peter Senter, Guido Kroemer, Peter K. Jackson

Target Validation by Chemical Probes/Designer Chemical Probes and Phenotypic Approach to Drug Discovery*, Michael A. Foley, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 417

Speakers: Kevan M. Shokat, John Tallarico, Alykhan F. Shamji, Tim Clackson

8:15 a.m.-10:15 a.m. Regulatory Science and Policy Session

Regulatory Considerations for Integrative Biomarker Development Using Whole Genome Technologies, Laura J. van 't Veer, Chairperson, Room 144, Washington Convention Center, p. 418

Speakers: Elizabeth Mansfield, Anna D. Barker

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

Pediatric Cancer Working Group (PCWG) Special Session*, Lee J. Helman, Chairperson, East Hall, Salon C, Washington Convention Center, p. 409

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Special Program for High School Students: The Conquest of Cancer and the Next Generation of Cancer Researchers*, Grand Ballroom, Renaissance Washington Hotel, p. 419

Speakers: Kathleen W. Scotto, Donald S. Coffey, Lucile L. Adams-Campbell, Sanford E. Jeames, Pamela A. Marino

10:30 a.m.-12:30 p.m. Current Concepts in Diagnostics and Therapeutics Research

Avatar: Individualized Human Cancer Models in Mice, Emma M. Lees, Chairperson, Room 151, Washington Convention Center, p. 423

Speakers: Emma M. Lees, Livio Trusolino, Kwok-Kin Wong, David Sidransky

9:30 a.m.-10:30 a.m. Career Conversations

Choosing the Right Postdoctoral Fellowship*, AACRcentral, Hall A-C, Washington Convention Center, p. 420

Speakers: Christian C. Abnet, Katharine D. Grugan

10:30 a.m.-12:30 p.m. Current Concepts in Epidemiology and Prevention Research

Human Papillomavirus: Beyond Cervical Cancer, Maura L. Gillison, Chairperson, Room 152, Washington Convention Center, p. 424

Speakers: Aimee Kreimer, Richard B. Roden, Peter M. Howley, Maura L. Gillison

9:30 a.m.-10:30 a.m. NCI/NIH-Sponsored Session

Alliance of Glycobiologists for Detection of Cancer: A Trans-NIH Initiative for Cancer Glycobiology*, Room 140, Washington Convention Center, p. 421

Speakers: Sudhir Srivastava, Karl Krueger, Pamela A. Marino, Rita Sarkar

10:30 a.m.-12:30 p.m. Current Concepts in Organ Site Research

Classification and Pathogenesis of Liver Cancer, Josep Llovet and Jessica Zucman-Rossi, Co-Chairpersons, Room 150, Washington Convention Center, p. 425

Speakers: Jessica Zucman-Rossi, Lars Zender, Michael Karin, Josep Llovet

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

Frederick National Laboratory for Cancer Research: R&D Capabilities and Collaboration Opportunities*, Atsuo Kuki, Moderator, Room 140, Washington Convention Center, p. 422

Speakers: Atsuo Kuki, Gordon Whiteley, Serguei V. Kozlov, Douglas R. Gaum, Ligia Pinto, Bruce J. Crise

Prostate Cancer Screening: Now and in the Future, William G. Nelson and Mark A. Rubin, Co-Chairpersons, Room 147, Washington Convention Center, p. 425

Speakers: Fritz H. Schröder, Otis W. Brawley, Mark A. Rubin, William G. Nelson

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

Imaging the Cancer Cell In Vivo, Ralph Weissleder, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 426

Speakers: John S. Condeelis, Tannishtha Reya, Ralph Weissleder, Sanjiv S. Gambhir

Innate Immune Sensing in the Tumor Microenvironment, Thomas F. Gajewski, Chairperson, Room 145, Washington Convention Center, p. 426

Speakers: David Raulet, Caetano Reis e Sousa, Thomas F. Gajewski, Glen N. Barber

Metabolic Vulnerabilities of Cancer Cells, Eyal Gottlieb, Chairperson, Ballroom C, Washington Convention Center, p. 427

Speakers: Eyal Gottlieb, Ralph J. DeBerardinis, Matthew G. Vander Heiden, Kate Yen

MICR Scientific Symposium: Why Are Aggressive Forms of Cancer More Common Among Certain Racial/Ethnic Groups? Christopher I. Li and A. W. Blackstock, Co-Chairpersons, Room 144, Washington Convention Center, p. 427

Speakers: Rick A. Kittles, Curtis C. Harris, Christine B. Ambrosone, Adeyinka O. Laiyemo

New Approaches to Drug Discovery, William R. Sellers, Chairperson, Room 146, Washington Convention Center, p. 428

Speakers: Thomas Franch, Eric Martin, Michael J. Eck

New Cancer Vaccines, Glenn Dranoff, Chairperson, Room 202, Washington Convention Center, p. 428

Speakers: Cornelis J. M. Melief, Thomas A. Davis, Harpreet Singh-Jasuja, Glenn Dranoff

Strategies to Overcoming Drug Resistance, David Uehling, Chairperson, Ballroom A-B, Washington Convention Center, p. 429

Speakers: Janet E. Dancey, Keith T. Flaherty, Pasi A. Jänne, Carlos L. Arteaga

Synthetic Lethality and Genetic Approaches to Cancer, Stephen J. Elledge, Chairperson, Room 207, Washington Convention Center, p. 429

Speakers: Alan Ashworth, Julian Downward, Stephen J. Elledge, Scott W. Lowe

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

Clinical Trials, Salon C, East Hall, Washington Convention Center, p. 430

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

Mentorship in Cancer Research: Fostering Excellence*, Constitution Ballroom A-B, Grand Hyatt Washington Hotel, p. 431

Speakers: Arnold J. Levine, William Pao

10:30 a.m.-12:30 p.m. Science Policy Session

The Federal Funding Outlook for Cancer Research and Can Financial Engineering Cure Cancer?* Jon G. Retzlaff, Chairperson, Room 103, Washington Convention Center, p. 432

Speaker: Andrew W. Lo

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Pancreatic Cancer Action Network-AACR Research Grants Poster Presentation and Discussion*, Congressional Hall A, Renaissance Washington Hotel, p. 433

Moderators: Lynn Matrisian, Anirban Maitra, Dafna Bar-Sagi, Geoffrey M. Wahl, Robert H. Vonderheide

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

Navigating Careers in Science Policy*, AACRcentral, Hall A-C, Washington Convention Center, p. 434

Speakers: Dorit Zuk, Pamela L. Bradley

11:30 a.m.-12:30 p.m. Meet the Research Pioneer

Meet the Research Pioneer: Carl H. June*, AACRcentral, Hall A-C, Washington Convention Center, p. 435

Speaker: Carl H. June

12:00 p.m.-1:30 p.m. NCI/NIH-Sponsored Session

NCI Resources to Catalyze Drug Development for Cancer Treatment and Prevention*, Michael Weingarten, Moderator, Room 140, Washington Convention Center, p. 436

Speakers: Michael Weingarten, Vernon E. Steele, Michael Difillipantonio

12:30 p.m.-2:00 p.m. Career Conversations

Special Topics in Cancer Research: Your Role in Advocacy*, AACRcentral, Hall A-C, Washington Convention Center, p. 437

1:00 p.m.-3:00 p.m. Clinical Trials Symposium

Clinical Pharmacology of Novel Agents in Solid Tumors*, Room 146, Washington Convention Center, p. 438

1:00 p.m.-3:00 p.m. Current Concepts in Diagnostics and Therapeutics Research

Using Genomics to Guide Cancer Immunotherapy, Robert D. Schreiber, Chairperson, Room 152, Washington Convention Center, p. 439

Speakers: James P. Allison, Robert D. Schreiber, Pramod K. Srivastava, Ugur Sahin

1:00 p.m.-3:00 p.m. Current Concepts in Epidemiology and Prevention Research

Epigenetic Mechanisms of Cancer Risk, Matthew L. Freedman, Chairperson, Room 150, Washington Convention Center, p. 440

Speakers: Megan P. Hitchins, Peter Scacheri, Matthew L. Freedman, Andrew P. Feinberg

1:00 p.m.-3:00 p.m. **Current Concepts in
Organ Site Research**

Current Concepts on Emerging Targets in the Treatment of Melanoma, Keith T. Flaherty and Boris C. Bastian, Co-Chairpersons, Room 151, Washington Convention Center, p. 441

Speakers: Keith T. Flaherty, Andrew E. Aplin, Lawrence N. Kwong, Boris C. Bastian

Molecular and Cellular Determinants of Brain Metastasis, William C. Hahn and Joan Massagué, Co-Chairpersons, Room 144, Washington Convention Center, p. 441

Speakers: Ann F. Chambers, William C. Hahn, Joan Massagué, Rakesh K. Jain

The Molecular Basis for Improvement in Endometrial Cancer Therapy, Cheryl L. Walker and Douglas A. Levine, Co-Chairpersons, Room 143, Washington Convention Center, p. 442

Speakers: Douglas A. Levine, Gordon B. Mills, Andrea S. Myers, Cheryl L. Walker

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

Analysis of Cancer Genome Data: From Evolution to Pathways and Networks, Gad Getz, Chairperson, Room 145, Washington Convention Center, p. 443

Speakers: Gad Getz, Li Ding, Joshua M. Stuart, Paul T. Spellman

Blood-Based Molecular Analysis of Cancer, Victor E. Velculescu, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 443

Speakers: Daniel A. Haber, Luis A. Diaz, Carlos Caldas, Victor E. Velculescu

Emerging Single Cell Technologies in Cancer Research, Garry P. Nolan, Chairperson, Room 207, Washington Convention Center, p. 444

Speakers: Claude P. Lechene, Ulf Landegren, Robert Singer, Garry P. Nolan

Metabolic Changes Associated with Ras-Driven Cancers, Dafna Bar-Sagi, Chairperson, Ballroom C, Washington Convention Center, p. 444

Speakers: Jason Chesney, Alec Kimmelman, Dafna Bar-Sagi, Matthew G. Vander Heiden

Molecular Targets for the Prevention and Treatment of Tumors Caused by Oncogenic Viruses, Douglas R. Lowy, Chairperson, Room 202, Washington Convention Center, p. 445

Speakers: John Ward, Yuan Chang, Roland Schmitz, Douglas R. Lowy

The Stanley J. Korsmeyer Memorial Symposium: Targeting Cell Death Pathways for Cancer Therapy, Anthony G. Letai, Chairperson, Ballroom A-B, Washington Convention Center, p. 445

Speakers: Anthony G. Letai, Rod Humerickhouse, Simone Fulda, Douglas R. Green

Translational Control and Stress Response Pathways in Cancer, Davide Ruggero, Chairperson, Room 147, Washington Convention Center, p. 446

Speakers: Nahum Sonenberg, Davide Ruggero, Karen Cichowski, Constantinos Koumenis

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

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

Career Options Beyond Cancer Research*, Constitution Ballroom A-B, Grand Hyatt Washington Hotel, p. 447

Speakers: Michelle R. Hamlet, Judy N. Quong, Lori Conlan

1:00 p.m.-3:00 p.m. Regulatory Science and Policy Session

“Breakthrough Therapy” Designation and Its Implications for Accelerating Oncology Drug Development, Ellen V. Sigal, Chairperson, Room 204, Washington Convention Center, p. 448

Speakers: Rachel Sherman, Jeff Allen, Jonathan Leff, Sandra J. Horning

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

CL 15 Biomarkers 5: Breast and Gynecologic Cancers, Hall A-C, Poster Section 1, p. 449

CL 16 Circulating Tumor Cell and Other Novel Assays, Hall A-C, Poster Section 2, p. 450

CL 17 New Agents Targeting Signaling Pathways 2: Clinical Trials and Other Patient-Based Studies, Hall A-C, Poster Section 3, p. 451

CL 18 Novel Biomarkers, Hall A-C, Poster Section 4, p. 452

EN 4 Molecular Endocrinology and Nuclear Receptor Action, Hall A-C, Poster Section 5, p. 453

CG 3 Carcinogenesis, Hall A-C, Poster Section 7, p. 454

EP 7 Epidemiology of Genitourinary and Lung Cancers, Hall A-C, Poster Section 8, p. 455

EP 8 Epigenetic Biomarkers and Tumor Subtypes, Hall A-C, Poster Section 9, p. 456

PR 6 Molecular Targets, Hall A-C, Poster Section 10, p. 457

PR 7 Preclinical Animal Models 2, Hall A-C, Poster Section 11, p. 458

TB 35 Cancer Stem Cell Targeting Therapies 2, Hall A-C, Poster Section 12, p. 459

TB 36 Cancer Stem Cells 2, Hall A-C, Poster Section 13, p. 460

TB 37 Cell Migration and Invasion 2, Hall A-C, Poster Section 14, p. 461

TB 38 Genetics, Genomics, Epigenetics, and Biomarkers of Pediatric Cancer, Hall A-C, Poster Section 15, p. 462

TB 39 Hematopoietic Malignancy Models and 3-D Culture Models, Hall A-C, Poster Section 16, p. 463

TB 40 Metastasis-Inducing and Metastasis-Suppressive Pathways, Hall A-C, Poster Section 17, p. 464

TB 41 Novel Angiogenic Factors and Emerging Mechanisms, Hall A-C, Poster Section 18, p. 465

TB 42 Preclinical and Experimental Imaging, Hall A-C, Poster Section 19, p. 466

TB 43 The Metastatic Microenvironment 2, Hall A-C, Poster Section 20, p. 467

IM 7 Immune Therapies: Adoptive Cellular Therapies and Combinations, Hall A-C, Poster Section 22, p. 468

MCB 46 Aberrant EGFR Signaling, Hall A-C, Poster Section 23, p. 469

MCB 47 Cancer Bioinformatics: Sequence and Expression Analysis, Hall A-C, Poster Section 24, p. 470

MCB 48 Cancer Mechanisms and Medicine 2, Hall A-C, Poster Section 25, p. 471

MCB 49 Genitourinary and Head and Neck Cancers, Hall A-C, Poster Section 26, p. 472

- MCB 50 Hematopoietic and Brain Cancers**, Hall A-C, Poster Section 27, p. 473
- MCB 51 Innovative Technologies for Cancer Research**, Hall A-C, Poster Section 28, p. 474
- MCB 52 MicroRNA Regulation**, Hall A-C, Poster Section 29, p. 475
- MCB 53 MicroRNAs: Tumor Suppressors and Oncogenes**, Hall A-C, Poster Section 30, p. 476
- MCB 54 Mutation Detection Methods and Molecular Cytogenetics**, Hall A-C, Poster Section 31, p. 477
- MCB 55 Novel Epigenetic Technologies and Profiling**, Hall A-C, Poster Section 32, p. 478
- MCB 56 Oral and Gastrointestinal Cancer**, Hall A-C, Poster Section 33, p. 479
- MCB 57 Signaling Pathways in Cancer Cells**, Hall A-C, Poster Section 34, p. 480
- ET 28 Antibody Therapeutics and Novel Delivery Technologies**, Hall A-C, Poster Section 36, p. 481
- ET 29 Identification of New Cancer Targets 2**, Hall A-C, Poster Section 37, p. 482
- ET 30 Identification of New Cancer Targets 3**, Hall A-C, Poster Section 38, p. 483
- ET 31 Molecular Pharmacology and Preclinical Toxicology**, Hall A-C, Poster Section 39, p. 484
- ET 32 Radiation Therapy: Biomarkers and Modulators of Radiation Sensitivity and Resistance**, Hall A-C, Poster Section 40, p. 485
- ET 33 Resistance to Molecular Targeted Therapies 2**, Hall A-C, Poster Section 41, p. 486
- ET 34 Targeting Genome and Microtubule Integrity**, Hall A-C, Poster Section 42, p. 487
- CH 6 Drug Delivery Technology**, Hall A-C, Poster Section 43, p. 488
- CH 7 Imaging and Screening**, Hall A-C, Poster Section 44, p. 489

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

**Late-Breaking
Poster Sessions***

Experimental and Molecular Therapeutics 2, Hall A-C, Poster Section 45, p. 490

Molecular and Cellular Biology 3, Hall A-C, Poster Section 47, p. 490

Tumor Biology 1, Hall A-C, Poster Section 48, p. 490

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

NCI/NIH-Sponsored Session

Funding Opportunities for Cancer Research at Multiple NIH Institutes and Centers with NIH Experts*, Room 140, Washington Convention Center, p. 491

Speakers: Phuong Kim Pham, Rajeev K. Agarwal, Philip J. Brooks, Jane W. Fountain, Nancy L. Di Fronzo, Pamela A. Marino, Kimberly A. McAllister, Syed Musaddaq Quadri, Sundaresan Venkatachalam

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SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

2:00 p.m.-3:00 p.m. Meet the Research Pioneer

Meet the Research Pioneer: Christopher Paul Wild*, AACRcentral, Hall A-C, Washington Convention Center, p. 492

Speaker: Christopher Paul Wild

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

Seventh Annual AACR Award for Outstanding Achievement in Chemistry in Cancer Research, Ballroom C, Washington Convention Center, p. 493

Twenty-Second Annual AACR-American Cancer Society Award for Excellence in Cancer Epidemiology and Prevention, Ballroom A-B, Washington Convention Center, p. 494

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

Phase I Studies of Immune-Based Therapies and a Novel RNAi Agent*, Room 146, Washington Convention Center, p. 501

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

CL19 Biomarkers of Clinical Response*, Salon A-B, East Hall, Washington Convention Center, p. 495

CL20 Novel Biomarkers of Drug Response, Keiran S. Smalley and Funda Meric-Bernstam, Co-Chairpersons, Room 143, Washington Convention Center, p. 495

EP9 Genetic Epidemiology in the Post-GWAS Era, Thomas A. Sellers and Wei Zheng, Co-Chairpersons, Room 204, Washington Convention Center, p. 496

ET35 Mechanisms of Resistance to Targeted Therapies, Jeffrey A. Engelman and Trevor G. Bivona, Co-Chairpersons, Room 202, Washington Convention Center, p. 500

ET36 Novel Targeted Therapies 2*, Seth A. Ettenberg and Jamal C. Saeh, Co-Chairpersons, Room 152, Washington Convention Center, p. 500

IM8 Back to the Future: Next Generation Vaccination and Cellular Immune Therapies, Cassian Yee and Jedd D. Wolchok, Co-Chairpersons, Room 151, Washington Convention Center, p. 496

MCB58 Cancer Genomics and Evolution, Peter J. Campbell and John D. Carpten, Co-Chairpersons, Room 145, Washington Convention Center, p. 498

MCB59 Mechanisms of Cell Death and Survival, Stephen Tait and Andrew Oberst, Co-Chairpersons, Room 144, Washington Convention Center, p. 498

MCB60 Metabolic Pathway Regulation in Cancer, Kate Yen and Kathryn E. Wellen, Co-Chairpersons, Room 150, Washington Convention Center, p. 499

MCB61 Therapies Targeting Epigenetic Mechanisms, Kenneth P. Nephew and James E. Audia, Co-Chairpersons, Room 147, Washington Convention Center, p. 499

TB44 New Pathways in Tumor Metastasis*, Patricia S. Steeg and Ann F. Chambers, Co-Chairpersons, Room 207, Washington Convention Center, p. 497

TB45 Pediatric Cancer 1: Genomic Landscapes, Microenvironment, and Response to Therapy, Alejandro Sweet-Cordero and Adolfo Ferrando, Co-Chairpersons, Salon C, East Hall, Washington Convention Center, p. 497

Category Codes for Poster Sessions and Minisymposia

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3:30 p.m.-4:30 p.m. Meet and Greets

Meet the Mentor: Undergraduate Focus*, AACRcentral, Hall A-C, Washington Convention Center, p. 502

Speaker: Chanita Hughes-Halbert

Meet the Director and Branch Chiefs of the NCI-Center to Reduce Cancer Health Disparities*, AACRcentral, Hall A-C, Washington Convention Center, p. 503

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

Technology Transfer and Intellectual Property: Financial and Career Opportunities for Researchers*, Phuong Kim Pham, Chairperson, Room 140, Washington Convention Center, p. 504

Speakers: Brandon Fetterolf, Joseph Contrera, Gregory A. Curt, Robert Iannone, Phuong Kim Pham

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

Eighteenth Annual AACR-Joseph H. Burchenal Memorial Award for Outstanding Achievement in Clinical Cancer Research, Ballroom A-B, Washington Convention Center, p. 505

Thirty-Third Annual AACR Award for Outstanding Achievement in Cancer Research, Ballroom C, Washington Convention Center, p. 505

4:30 p.m.-6:30 p.m. Science Policy Session

Policy Report from the Institute of Medicine's National Cancer Policy Forum, John Mendelsohn, Chairperson, Room 201, Washington Convention Center, p. 506

Speakers: John Mendelsohn, Monica M. Bertagnolli, Amy P. Abernethy, Patricia A. Ganz, Roy S. Herbst

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

Circulating Tumor Cells versus Serum DNA, Josep Taberner, Moderator, Room 147, Washington Convention Center, p. 507

Panel: Alberto Bardelli, Caroline Dive

Clinical Trials Based on Mutations versus Histology, Lewis C. Cantley, Moderator, Room 145, Washington Convention Center, p. 507

Panel: Charles L. Sawyers, William R. Sellers

Drug Discovery in Industry, Academia, and Government: What Is the Track Record? Frank McCormick, Moderator, Room 202, Washington Convention Center, p. 507

Panel: Julian Adams, Michael Morrissey, Michael A. White, Jerry M. Collins

Next-Generation Sequencing in the Clinic, Michael F. Berger, Moderator, Room 207, Washington Convention Center, p. 508

Panel: Shashikant Kulkarni, Vincent A. Miller

The Role of Stroma in Pancreatic Cancer, Kornelia Polyak, Moderator, Salon A-B, East Hall, Washington Convention Center, p. 508

Panel: Ben Z. Stanger, Philip A. Beachy

The Utility of Cancer Cell Line Screens for Modeling Drug Sensitivities, Jeffrey Settleman, Moderator, Room 146, Washington Convention Center, p. 508

Panel: Levi A. Garraway, Mathew Garnett, Jos Jonkers, Jeremy N. Rich

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

Tumor Microenvironment (TME) Town Meeting*, M. Celeste Simon, Chairperson, Constitution Ballroom A-B, Grand Hyatt Washington Hotel, p. 509

Speakers: Mary H. Barcellos-Hoff, Kyla D. Carroll, Philip J. Tofilon, Peter S. Nelson

SCHEDULE OF EVENTS

All sessions eligible for CME credit unless otherwise noted.*

Wednesday, April 10, 2013

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

Bridging the Gap Between Clinical Research and Laboratory Investigation: Utilizing Presurgical Clinical Trials to Investigate Anti-CTLA-4 Immunotherapy, Room 143, Washington Convention Center, p. 515

Speaker: Padmanee Sharma

Control of Cell State Decisions by Large Noncoding RNAs, Room 102, Washington Convention Center, p. 515

Speaker: Mitchell Guttman

Future Anticancer Targets: Put the Cart Before the Horses? Room 152, Washington Convention Center, p. 515

Speaker: Tak W. Mak

Genetic Epidemiology of Pancreatic Cancer, Room 204, Washington Convention Center, p. 516

Speaker: Gloria M. Petersen

GWAS, Sequencing, and Immunogenomics in Cancer Research, Room 150, Washington Convention Center, p. 516

Speaker: Yusuke Nakamura

Integrating Proteomics and Genomics to Profile Tumor Phenotypes, Room 103, Washington Convention Center, p. 516

Speaker: Daniel C. Liebler

Links Between Cancer Cell Metabolism and Epigenetics, Room 144, Washington Convention Center, p. 516

Speaker: Kathryn Wellen

Prognostic and Predictive Biomarkers of Triple-Negative Breast Cancer, Room 140, Washington Convention Center, p. 517

Speaker: Andrea L. Richardson

Targeting Cancer Transcription, Room 201, Washington Convention Center, p. 517

Speaker: Kimberly Stegmaier

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

Cancer Evolution and Resistance, Jeffrey A. Engelman, Chairperson, Ballroom A-B, Washington Convention Center, p. 518

Speakers: Jeffrey A. Engelman, Neal Rosen, Todd R. Golub, René S. Bernards

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

CL21 Biomarkers of Drug Response, Hall A-C, Poster Section 1, p. 519

CL22 Phase II and Phase III Adult Clinical Trials, Hall A-C, Poster Section 2, p. 520

CL23 Tumor Staging, Tumor Imaging, and Molecular Predictors of Outcomes, Hall A-C, Poster Section 3, p. 521

IM9 Drug-Immune Interactions, Hall A-C, Poster Section 4, p. 522

IM10 Immune Therapeutics and Monoclonal Antibodies 2, Hall A-C, Poster Section 5, p. 523

EN5 Reproductive Malignancies, Hall A-C, Poster Section 6, p. 524

CG4 Transformation and Promotion, Hall A-C, Poster Section 7, p. 525

- EP10** **Epidemiology of Gastrointestinal Cancers**, Hall A-C, Poster Section 8, p. 526
- EP11** **Gene-Environment and Gene-Gene Interactions and Other Genetic Biomarkers**, Hall A-C, Poster Section 9, p. 527
- PR8** **Preclinical Animal Models 3 / Molecular Targets**, Hall A-C, Poster Section 10, p. 528
- TB46** **Cancer Stem Cells 3**, Hall A-C, Poster Section 12, p. 529
- TB47** **Cell Migration and Invasion 3**, Hall A-C, Poster Section 13, p. 530
- TB48** **Chemotherapy and Immune Therapy Targeting the Tumor Microenvironment**, Hall A-C, Poster Section 15, p. 531
- TB49** **Immunity: Cancer-Related Inflammation and Microenvironmental Crosstalk**, Hall A-C, Poster Section 16, p. 532
- TB50** **Lineage Origins and Pathways**, Hall A-C, Poster Section 17, p. 533
- TB51** **Pediatric Cancer 2: New Targets, Developmental Pathways, and Animal Models**, Hall A-C, Poster Section 18, p. 534
- TB52** **Proteases, Protease Inhibitors, and the Tumor Microenvironment**, Hall A-C, Poster Section 20, p. 535
- TB53** **Tumor Angiogenesis Inhibitors**, Hall A-C, Poster Section 21, p. 536
- TB54** **Tumor Metastasis: Quantification and Biology**, Hall A-C, Poster Section 22, p. 537
- MCB62** **Bioinformatics Algorithms, Models, and Tools**, Hall A-C, Poster Section 23, p. 538
- MCB63** **Cancer Cell Signaling and Emerging Technologies**, Hall A-C, Poster Section 24, p. 539
- MCB64** **Emerging Therapeutic Targets**, Hall A-C, Poster Section 25, p. 540
- MCB65** **Integrative and Computational Cancer Biology**, Hall A-C, Poster Section 26, p. 541
- MCB66** **Lung Cancer and Melanoma**, Hall A-C, Poster Section 27, p. 542
- MCB67** **MicroRNA Regulatory Networks**, Hall A-C, Poster Section 28, p. 543
- MCB68** **Molecular Markers and Cancer Genetics**, Hall A-C, Poster Section 29, p. 544
- MCB69** **Noncoding RNAs in Cancer Stem Cells, EMT, and Metastasis**, Hall A-C, Poster Section 30, p. 545
- MCB70** **Polycomb, Premalignancy, and Exposure Epigenetics**, Hall A-C, Poster Section 31, p. 546
- MCB71** **Protein Biomarkers of Cancer**, Hall A-C, Poster Section 32, p. 547
- MCB72** **Signaling Pathways and the Regulation of Cancer Metabolism**, Hall A-C, Poster Section 33, p. 548
- MCB73** **The Impact of Aerobic Glycolysis on Cancer**, Hall A-C, Poster Section 34, p. 549
- MCB74** **Transcription Factor Function / Control of Cell Differentiation**, Hall A-C, Poster Section 35, p. 550
- ET37** **Antibody/Protein Therapeutics**, Hall A-C, Poster Section 36, p. 551
- ET38** **Chemotherapy and Cancer Dependencies**, Hall A-C, Poster Section 37, p. 552
- ET39** **Drug Discovery Technologies**, Hall A-C, Poster Section 38, p. 553
- ET40** **Emerging Therapeutic Targets**, Hall A-C, Poster Section 39, p. 554
- ET41** **Molecular Classification of Tumors and Novel Biomarkers**, Hall A-C, Poster Section 40, p. 555
- ET42** **Novel Delivery Technologies**, Hall A-C, Poster Section 41, p. 556
- ET43** **Resistance to Molecular Targeted Therapies 3**, Hall A-C, Poster Section 42, p. 557
- CH8** **Drug Identification and Delivery**, Hall A-C, Poster Section 44, p. 558

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SCHEDULE OF EVENTS

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

**Late-Breaking
Poster Sessions***

Experimental and Molecular Therapeutics 3, Hall A-C,
Poster Section 45, p. 559

Immunology, Hall A-C, Poster Section 46, p. 559

Tumor Biology 2, Hall A-C, Poster Section 48, p. 559

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

Award Lectures

AACR-CRI Lloyd J. Old Award in Cancer Immunology,
Ballroom A-B, Washington Convention Center, p. 560

**Thirty-Seventh Annual AACR Richard and Hinda
Rosenthal Memorial Award**, Ballroom C, Washington
Convention Center, p. 560

10:00 a.m.-11:30 a.m.

NCI/NIH-Sponsored Session

**Opportunities and Challenges for Cancer Health
Disparities Research in Large Collaborative Studies***,
Krista A. Zanetti, Moderator, Room 140, Washington
Convention Center, p. 561

Speakers: Krista A. Zanetti, Kathryn H. Schmitz, Julie R.
Palmer, Emily Kontos, Camille C. Ragin

11:00 a.m.-1:00 p.m.

**Current Concepts in
Diagnostics and
Therapeutics Research**

Antibody-Drug Conjugates Come of Age, John T. Hunt,
Chairperson, Room 150, Washington Convention Center,
p. 562

Speakers: Beverly A. Teicher, Ho Sung Cho, Hans K.
Erikson, Hans-Peter Gerber

**Novel Therapeutic Concepts with Kinases, Immuno-,
and Radiotherapy**, Charles L. Sawyers, Chairperson, Room
147, Washington Convention Center, p. 562

Speakers: W. M. Linehan, James A. Fagin, Carl H. June,
Antoni Ribas

11:00 a.m.-1:00 p.m.

**Current Concepts in
Organ Site Research**

**The Breast Cancer Genome and Its Implications for
Therapy**, José Baselga and Joe W. Gray, Co-Chairpersons,
Room 151, Washington Convention Center, p. 563

Speakers: Jorge Reis-Filho, Carlos Caldas, Joe W. Gray,
José Baselga

**The Dharma Master Jiantai Current Concepts in Lung
Cancer Session: Emerging Targets in the Treatment of
Lung Cancer**, William Pao and Matthew L. Meyerson,
Co-Chairpersons, Room 152, Washington Convention
Center, p. 563

Speakers: Matthew L. Meyerson, William Pao, Roman K.
Thomas, Julie R. Brahmer

New Therapeutic Targets for Ewing's Sarcoma, Arul M. Chinnaiyan and Edwin Choy, Co-Chairpersons, Room 144, Washington Convention Center, p. 564

Speakers: Edwin Choy, Ivan Stamenkovic, Arul M. Chinnaiyan, Lee J. Helman

Targeting Lymphoid Malignancies: Working From the Outside In, John P. Leonard and John C. Byrd, Co-Chairpersons, Room 143, Washington Convention Center, p. 564

Speakers: James R. Cerhan, Jan A. Burger, John C. Byrd, John P. Leonard

11:00 a.m.-1:00 p.m. Major Symposia

Building on the Success of CTLA-4 Blockade Through Biomarker Analyses and Development of Novel Combinatorial Strategies, Jedd D. Wolchok, Chairperson, Ballroom A-B, Washington Convention Center, p. 565

Speakers: Jedd D. Wolchok, F. Stephen Hodi, Michael Curran, Margaret Callahan

Cancer Targets and Discovery, Stuart L. Schreiber, Chairperson, Room 202, Washington Convention Center, p. 566

Speakers: Daniela Gerhard, Andrea Califano, Stuart L. Schreiber, William C. Hahn, Gordon B. Mills

Inflammation and Cancer, Frances R. Balkwill, Chairperson, Room 207, Washington Convention Center, p. 566

Speakers: Florian Greten, Frances R. Balkwill, Mohamed Bentires-Alj, Paola Allavena

Mathematical Modeling and Cancer Evolution, Carlo C. Maley, Chairperson, Room 145, Washington Convention Center, p. 567

Speakers: Andrea Sottoriva, Ivana Bozic, Alexander R. Anderson, Athena Aktipis

Prevention Research in Obesity and Cancer, Ruth Patterson, Chairperson, Salon A-B, East Hall, Washington Convention Center, p. 567

Speakers: Ruth Patterson, Kelle Moley, Satchidananda Panda, Kathryn H. Schmitz

Targeting the Cell Cycle in Cancer, Mariano Barbacid, Chairperson, Room 146, Washington Convention Center, p. 568

Speakers: René H. Medema, Richard S. Finn, Marcos Malumbres, Mariano Barbacid

11:30 a.m.-1:00 p.m. NCI/NIH-Sponsored Session

TARGETing Better Treatments for Childhood Cancers: A Progress Report on the NCI's Therapeutically Applicable Research to Generate Effective Treatments Initiative*, Jaime Guidry Auvil, Chairperson, Room 140, Washington Convention Center, p. 569

Speakers: Jaime Guidry Auvil, John M. Maris, Charles G. Mullighan, Soheil Meshinchi, Paul S. Meltzer, Samantha L. Gadd, Tanja M. Davidsen