

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Saturday, April 5, 2014

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

Beyond Ipilimumab and PD1/PD-L1 Pathway Blockade: Next Generation of Immunomodulatory Antibodies, Mario Sznol, Chairperson, Room 33, San Diego Convention Center, p. 143

Speakers: Mario Sznol, Ana C. Anderson, Drew M. Pardoll, Andrew D. Weinberg

Cancer Metabolism, Chi V. Dang, Chairperson, Room 6CF, San Diego Convention Center, p. 143

Speakers: Chi V. Dang, Joshua D. Rabinowitz, Matthew G. Vander Heiden, Teresa W. M. Fan

Drugging the Cell Cycle in Cancer, Geoffrey I. Shapiro, Chairperson, Room 7, San Diego Convention Center, p. 144

Speakers: Geoffrey I. Shapiro, David D. L. Bowtell, Alan Eastman, Wenyi Wei

Evolving Tumor Cell Populations: Dealing with Diversity, Nicholas E. Navin, Chairperson, Room 11, San Diego Convention Center, p. 144

Speakers: Nicholas E. Navin, Kornelia Polyak, Robert A. Gatenby, Brian J. Reid

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 1: Targeting Protein-Protein Interactions, Shaomeng Wang, Chairperson, Room 29, San Diego Convention Center, p. 145

Speakers: Shaomeng Wang, Stephen M. Condon, Andrew J. Souers

Incorporation of Circulating Tumor Cells (CTCs) and Circulating Tumor DNA (ctDNA) into Clinical Trials, Stefanie S. Jeffrey, Chairperson, Room 6A, San Diego Convention Center, p. 145

Speakers: Stefanie S. Jeffrey, Howard I. Scher, Michail Ignatiadis, Carlos M. Caldas

Integrative Molecular Epidemiology, Thomas A. Sellers, Chairperson, Room 25, San Diego Convention Center, p. 146

Speakers: Thomas A. Sellers, Lorelei A. Mucci, Simon A. Gayther, Peter Kraft

PI3K-mTOR/PTEN, Ramon E. Parsons, Chairperson, Room 31, San Diego Convention Center, p. 146

Speakers: Lewis C. Cantley, Bart Vanhaesebroeck, John Blenis, Ramon E. Parsons

Targeting RhoGTPases and Their Kinase Effectors, Jonathan Chernoff, Chairperson, Room 1, San Diego Convention Center, p. 146

Speakers: Jonathan Chernoff, Nupam P. Mahajan, Cristina Fernandez-Valle, Michael F. Olson

Tumor Immunology and Immunotherapy for Non-Immunologists, Michael A. Caligiuri, Chairperson, Ballroom 20D, San Diego Convention Center, p. 147

Speakers: Robert A. Baiocchi, Lisa M. Coussens, Jeffrey A. Sosman, Crystal L. Mackall

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

Beyond DNA Methylation and Histone Acetylation, Lucy A. Godley, Chairperson, Room 28A-C, San Diego Convention Center, p. 148

Speakers: Kathrin Maria Bernt, Lucy A. Godley, Maria Eugenia Figueroa, Wei Li

Clinical Trials Design Workshop, Part 1: Design and Implementation of Innovative Clinical Trials: Clinical Trials 101, S. Gail Eckhardt, Chairperson, Room 6B, San Diego Convention Center, p. 148

Speakers: Lee M. Ellis, S. Gail Eckhardt, Neal J. Meropol, Elizabeth M. Jaffee, Richard L. Wahl

SCHEDULE OF EVENTS

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Intravital Imaging of Live Tumors at Single-Cell Resolution in Real Time, Erik Sahai, Chairperson, Room 6E, San Diego Convention Center, p. 149

Speakers: Erik Sahai, Stephanie Alexander, Matthew Krummel, Bojana Gligorijevic

Next-Generation Sequencing: From Bench to Bedside, Lajos Pusztai, Chairperson, Room 30A-C, San Diego Convention Center, p. 149

Speakers: Lajos Pusztai, Elaine R. Mardis, Christos Hatzis, Jorge S. Reis-Filho, Yan Guo, Ekta Khurana

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

Cancer Immunology for the Non-Immunologist - Tutorial, Julie Y. Djeu, Chairperson, Room 6D, San Diego Convention Center, p. 150

Faculty: Nina Bhardwaj, Esteban Celis, F. Stephen Hodi, Elizabeth M. Jaffee, Crystal L. Mackall, Cornelis J. Melief, Pamela S. Ohashi, Ellen Puré, Jeffrey A. Sosman, James E. Talmadge, Robert H. Vonderheide, Cassian Yee, Robert A. Baiocchi, James P. Allison, Lisa M. Coussens, Charles G. Drake, Drew M. Pardoll, Hua Yu, Laurence Zitvogel, Julie Y. Djeu

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

The Complex Role of Autophagy in Cancer, Alec C. Kimmelman, Chairperson, Room 30A-C, San Diego Convention Center, p. 151

Speakers: Alec C. Kimmelman, Jayanta Debnath, Andrew M. Thorburn, Eileen P. White

Epigenetics and Cancer, Marie Classon, Chairperson, Room 28A-C, San Diego Convention Center, p. 151

Speakers: Stephen B. Baylin, Siavash Kurdiani, Marie Classon, Patrick Trojer

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 2: Hit to Lead, David E. Uehling, Chairperson, Room 29, San Diego Convention Center, p. 152

Speakers: David E. Uehling, Paul Barsanti, Henry W. Pauls, Alex G. Waterson, Kevin W. Kuntz

Functional Cancer Genomics, René Bernards, Chairperson, Room 31, San Diego Convention Center, p. 152

Speakers: René Bernards, David E. Root, Lars Zender, Justin Guinney

Intestinal Microbiome and Cancer, Christian Jobin, Chairperson, Room 6A, San Diego Convention Center, p. 153

Speakers: Anthony Fodor, Yiping W. Han, Christian Jobin, Giorgio Trinchieri

Intratumoral Heterogeneity and Its Effects on Drug Response and Disease Relapse, Erica L. Jackson, Chairperson, Room 7, San Diego Convention Center, p. 153

Speakers: Michael T. Hemann, Meenhard Herlyn, Frank Pajonk, Erica L. Jackson

LKB1 and AMPK Signaling in Cancer, Reuben J. Shaw, Chairperson, Room 1, San Diego Convention Center, p. 154

Speakers: David Grahame Hardie, Robert Svensson, Kwok-Kin Wong, Reuben J. Shaw

Novel Approaches to Reawakening the Immune System, Michel Sadelain, Chairperson, Room 6CF, San Diego Convention Center, p. 154

Speakers: Lieping Chen, Philip D. Greenberg, Michel Sadelain, Padmanee Sharma

Novel Strategies for Targeting the Kinome in Leukemia, Marina Y. Konopleva, Chairperson, Room 11, San Diego Convention Center, p. 155

Speakers: Jeffrey W. Tyner, Markus Müschen, Kevin M. Shannon, Marina Y. Konopleva

Targeting Metabolism for Cancer Therapy, Nissim Hay, Chairperson, Ballroom 20D, San Diego Convention Center, p. 155

Speakers: Nissim Hay, Almut Schulze, Karen H. Vousden, Navdeep S. Chandel

The Unfolded Protein Response (UPR) Pathway: Overview and Relevance to Cancer, Albert C. Koong, Chairperson, Room 6E, San Diego Convention Center, p. 156

Speakers: Kazutoshi Mori, Constantinos Koumenis, Maho Niwa, Albert C. Koong

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

Applications of Patient-Derived Xenograft Models to Translational Cancer Research, Manuel Hidalgo, Chairperson, Room 25A-C, San Diego Convention Center, p. 157

Speakers: Andrea Bertotti, Timothy Hoey, Manuel Hidalgo, Antonio Jimeno

Clinical Trials Design Workshop, Part 2: Insights in the Era of Personalized Cancer Therapy and Targeted Therapies: How to Progress Through Well-Conducted Phase I and II Clinical Trials, Yu Shyr, Chairperson, Room 6B, San Diego Convention Center, p. 157

Speakers: Yu Shyr, Angelo M. De Marzo, David S. Hong, Philippe L. Bedard

Clinical Validation of Predictive Biomarkers, Robert A. Beckman, Chairperson, Room 33A-C, San Diego Convention Center, p. 158

Speakers: Jane Fridlyand, Sumithra J. Mandrekar, Stefan Michiels, Robert A. Beckman

Statistical and Computational Analysis of RNAseq Data and Its Applications, Olivier Elemento, Chairperson, Room 5, San Diego Convention Center, p. 158

Speakers: Doron Betel, Marcus Breese, Christopher A. Maher, Olivier Elemento

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

Ninth Annual Undergraduate Student Caucus and Poster Competition*, Jose G. Trevino, Moderator, Kathleen W. Scotto, Chairperson, Marriott Hall, San Diego Marriott Marquis & Marina, p. 159

Speakers: Kathleen W. Scotto, Donald S. Coffey, Scott W. Lowe, Beverly D. Lyn-Cook, Yarnicia D. Connor, Lascelles E. Lyn-Cook, Kerry L. Reed

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

17th Annual Grant Writing Workshop, Organized by the Associate Member Council*, Grand Ballroom C-E, Omni San Diego Hotel, p. 160

Speakers: Lawrence H. Fong, Selvarangan Ponnazhagan, Timothy R. Rebbeck, Danny R. Welch, Victoria L. Seewaldt, Robert J. Arceci, Alicia Beeghly-Fadiel, Richard L. Bennett, Smita Bhatia, Mary-Ann Bjornsti, M. E. Dolan, Steven M. Dubinett, William C. Hahn, Meenhard Herlyn, Robert J. Hickey, Michael A. Hollingsworth, Raghu Kalluri, Thomas J. Kipps, Raju Kucherlapati, Andrea M. Mastro, Suresh Mohla, Olufunmilayo I. Olopade, Jong Y. Park, Gloria M. Petersen, Selvarangan Ponnazhagan, Timothy R. Rebbeck, Victoria L. Seewaldt, Gary J. Smith, Dan Theodorescu, Danny R. Welch

SCHEDULE OF EVENTS

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1:00 p.m.-2:00 p.m. Regulatory Science and Policy Session

Safety Reporting Requirements for an Investigational New Drug (IND) and Considerations for the Design of Early-Phase Clinical Trials of Cellular and Gene Therapy Products, Peter F. Bross and Robert Q. Le, Co-Chairpersons, Room 8, San Diego Convention Center, p. 161

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

Advancing Tobacco Regulatory Science: Meet Experts in FDA's Center for Tobacco Products, Carolyn M. Dresler, Chairperson, Room 28D-E, San Diego Convention Center, p. 162

Speakers: Carolyn M. Dresler, Cathy L. Backinger, Dana M. Van Bommel, Nicolette Borek

Anti-Ras Drug Discovery: Mission Impossible?

Dafna Bar-Sagi, Chairperson, Room 30A-C, San Diego Convention Center, p. 162

Speakers: Channing J. Der, Dafna Bar-Sagi, Frank McCormick, Michael A. White

Chromatin and Epigenetics in Pediatric Cancer

Charles W. M. Roberts, Chairperson, Room 33A-C, San Diego Convention Center, p. 163

Speakers: Scott A. Armstrong, Suzanne J. Baker, Richard A. Young, Charles W. M. Roberts

Clinical Cancer Genetics in the Next-Generation

Sequencing Era, Louise C. Strong, Chairperson, Room 6CF, San Diego Convention Center, p. 163

Speaker: Jeffrey N. Weitzel, Louise C. Strong, Nazneen Rahman

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 3: Optimizing Drug Discovery - Insights on an Important Process

Michael J. Luzzio, Chairperson, Room 29, San Diego Convention Center, p. 164

Speakers: Michael J. Luzzio, James C. Sutton, Steven Olson, Christopher O'Donnell

Immune Modulation for the Treatment of Lung

Cancer, Julie R. Brahmer, Chairperson, Room 31A-C, San Diego Convention Center, p. 164

Speakers: Giuseppe Giaccone, Jhanelle E. Gray, Julie R. Brahmer, Naiyer Rizvi

Increasing the Therapeutic Ratio of Radiotherapy

Amato J. Giaccia, Chairperson, Room 28A-C, San Diego Convention Center, p. 165

Speakers: Amato J. Giaccia, Dietmar W. Siemann, William H. McBride, Nicholas C. Denko, Maximilian Diehn

The Nature of Tumor Cell Death for the Control of Cancer: About Apoptosis, Necroptosis, Autophagy, Immunity and Metabolism, Laurence Zitvogel, Chairperson, Room 7, San Diego Convention Center, p. 166

Speakers: Laurence Zitvogel, Ravi K. Amaravadi, Douglas R. Green

Phenotyping and Function of Solid Tumor Stroma

Lisa M. Coussens, Chairperson, Ballroom 20D, San Diego Convention Center, p. 166

Speakers: Lisa M. Coussens, Pepper Jo Schedin, Raghu Kalluri, Joe W. Gray

Targeting Defects in Tumor Suppressors that Regulate the PI3K/mTOR Pathway: Lessons Learned from Familiar Tumor Predisposition Syndromes and Sporadic Cancers, Karen Cichowski, Chairperson, Room 6E, San Diego Convention Center, p. 167

Speakers: Karen Cichowski, Brendan D. Manning, Alex Toker, Joseph J. Kissil

Unraveling Therapeutic Resistance in Mouse Models of Human Cancer, Kwok-Kin Wong, Chairperson, Room 25A-C, San Diego Convention Center, p. 167

Speakers: Kwok-Kin Wong, Jos Jonkers, Kenneth P. Olive, Katerina A. Politi

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

Clinical Trials Design Workshop, Part 3: Insights in the Era of Personalized Cancer Therapy and Targeted Therapies: Definitive Advanced Stage Clinical Trials, Lee M. Ellis, Chairperson, Room 6B, San Diego Convention Center, p. 168

Speakers: Alberto Bardelli, Lee M. Ellis, James H. Doroshow, Antje Hoering

Enabling Technologies for Loss of Function Genetics in Mammalian Cells, Roderick L. Beijersbergen, Chairperson, Room 6A, San Diego Convention Center, p. 168

Speakers: Michael Boutros, Roderick L. Beijersbergen, Jan Carette, Jin-Soo Kim

Pathoepidemiology of Breast Cancer, Mia M. Gaudet, Chairperson, Room 5, San Diego Convention Center, p. 169

Speakers: Mia M. Gaudet, Jonine D. Figueroa, Melissa A. Troester, Xiaonan Xue

Somatic Copy Number Alteration, Rameen Beroukhim, Chairperson, Room 1, San Diego Convention Center, p. 169

Speakers: Peter J. Park, Peter J. Campbell, Scott L. Carter, Benjamin J. Raphael

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

WICR Professional Advancement Session: The Art of Engaging in a Successful Interview*, Mary J. Hendrix and Victoria M. Richon, Co-Chairpersons, Marina Ballroom F-G, South Tower, San Diego Marriott Marquis & Marina, p. 170

Speakers: Mary J. Hendrix, Nikia A. Laurie, Pamela Carroll, Matthew Mirisola, Victoria M. Richon, Lynn Matrisian

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

Biomarker Assays and Drug Trials: What Cancer Researchers Should Know About FDA Regulation, David Litwack, Chairperson, Room 8, San Diego Convention Center, p. 171

3:00 p.m.-4:00 p.m. Regulatory Science and Policy Session

Everything You Wanted to Know About Codevelopment of a Diagnostic with a Therapeutic But Were Afraid to Ask, Pamela L. Bradley, Chairperson, Room 8, San Diego Convention Center, p. 172

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

The 3-Dimensional Genome Organization and Long-range Gene Regulation in Mammalian Cells, Room 6A, San Diego Convention Center, p. 173

Speaker: Bing Ren

Enhancer Malfunction in Cancer, Room 5, San Diego Convention Center, p. 173

Speaker: Ali Shilatifard

How Tumor Cells Acquire Metastatic Traits, Room 6CF, San Diego Convention Center, p. 173

Speaker: Yibin Kang

SCHEDULE OF EVENTS

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

Biotherapeutic Strategies for the Treatment of Cancer, John C. Bell, Chairperson, Room 11, San Diego Convention Center, p. 174

Speakers: Stephen J. Russell, John C. Bell, Cliona M. Rooney, Gail L. Phillips

Early Intervention in Genetically Identified High-Risk Individuals, Yi Li, Chairperson, Room 33A-C, San Diego Convention Center, p. 174

Speakers: Eduardo Vilar, Sandra Orsulic, Yi Li, Clara Curiel-Lewandrowski

From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 4: Oncology Clinical Development, Tona M. Gilmer, Chairperson, Room 29, San Diego Convention Center, p. 175

Speakers: Tona M. Gilmer, Sébastien Jeay, Priti S. Hegde, Pamela M. Klein

Modeling Cancer and Developing Therapeutics Using the Zebrafish, Leonard I. Zon, Chairperson, Room 6E, San Diego Convention Center, p. 175

Speakers: Leonard I. Zon, Elizabeth Patton, A. Thomas Look, Claire E. Lewis

New Paradigms in Radiation Oncology, Stephen M. Hahn, Chairperson, Room 1, San Diego Convention Center, p. 176

Speakers: Alexander Lin, Quynh-Thu Le, Amit Maity, Ramesh Rengan

Outside the Coding Genome: Noncoding RNAs in the Oncogene and Tumor Suppressor Network, Lin He, Chairperson, Room 31A-C, San Diego Convention Center, p. 176

Speakers: Lin He, Frank John Slack, M. Geoff Rosenfeld, Haig Kazazian

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

Approaches and Challenges in Studying Cancer Metabolism, Christian Metallo, Chairperson, Ballroom 20D, San Diego Convention Center, p. 177

Speakers: Daniel Tennant, Jamey D. Young, Marc K. Hellerstein, Christian Metallo

Clinical Trial Designs Workshop, Part 4: Design and Implementation of Innovative Clinical Trials: Modality Combinations with Immune Checkpoint Blockade, F. Stephen Hodi, Chairperson, Room 6B, San Diego Convention Center, p. 177

Speakers: Jedd D. Wolchok, Jeffrey S. Weber, F. Stephen Hodi, Daniel S. Chen

Cross-Discipline Fertilization: Adding Value to Large Genomic Epidemiology Studies, Loïc Le Marchand, Chairperson, Room 7, San Diego Convention Center, p. 178

Speakers: Fredrick R. Schumacher, Stephanie A. Rosse, Bogdan Pasaniuc, Marylyn D. Ritchie

Phase II Proof-of-Concept Trials, Cong Chen, Chairperson, Room 28A-C, San Diego Convention Center, p. 178

Speakers: Adam Feuerstein, Antonijevic Zoran, Cong Chen

Spatial and Temporal Evolution of Carcinomas in Patients: Heterogeneity in Four Dimensions, Peter Kuhn, Chairperson, Room 25A-C, San Diego Convention Center, p. 178

Speakers: Peter Kuhn, James B. Hicks, Elza De Bruin, Elizabeth Punnoose, Britta Weigelt

Stem Cells and Cancer, Geoffrey M. Wahl, Chairperson, Room 30A-C, San Diego Convention Center, p. 179

Speakers: Connie J. Eaves, Benjamin T. Spike, Jayaraj Rajagopal, Lukas Edward Dow

Using Data from the Cancer Genome Atlas, Matthew L. Meyerson, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 180

Speakers: Jean C. Zenklusen, Nikolaus Schultz, Katherine Hoadley, Michael S. Lawrence, Andrew Cherniack, Hui Shen

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

BRAF and RAS Signaling in Melanoma: Etiology, Biology, and Therapeutics, Room 6CF, San Diego Convention Center, p. 181

Speaker: Richard M. Marais

Meeting the Challenges of Cancer Therapy Resistance, Room 6A, San Diego Convention Center, p. 181

Speaker: Joan S. Brugge

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

Seventeenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship, Ballroom 20D, San Diego Convention Center, p. 182

Speaker: Charis Eng

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

Tenth Annual AACR-Irving Weinstein Foundation Distinguished Lecture, Ballroom 20A-C, San Diego Convention Center, p. 183

Speaker: David Botstein

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

Careers in Clinical and Translational Research Roundtable*, Patricia M. LoRusso, Chairperson, Grand Ballroom C-E, Omni San Diego Hotel, p. 184

Speakers: Patricia M. LoRusso, Lillian L. Siu, Julian Adams, Peter F. Bross

6:30 p.m.-7:30 p.m. Professional Advancement Session

Social Media for Scientists: Using Twitter to Enhance and Advance Your Career*, Rick Buck, Chairperson, Room 8, San Diego Convention Center, p. 185

Speakers: Raymond N. DuBois, Naoto T. Ueno, Stefanie Greene

6:30 p.m.-8:00 p.m. Meet and Greet

New Member Networking Social*, Gallery 1-2, Omni San Diego Hotel, p. 186

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

Public Listening Session for the Office of Science, Center for Tobacco Products, Food and Drug Administration*, Room 28D-E, San Diego Convention Center, p. 187

SCHEDULE OF EVENTS

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Sunday, April 6, 2014

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

Cellular Senescence – A Flawed Tumor Suppressor Mechanism? Room 7, San Diego Convention Center, p. 191

Speaker: Peter D. Adams

The Dominant Immune Suppressive Process in a Model of Pancreatic Ductal Adenocarcinoma: A Therapeutic Target, Room 28A-C, San Diego Convention Center, p. 191

Speaker: Douglas T. Fearon

Enhancing the Impact of Targeted Therapy Through Drug Combinations, Room 6A, San Diego Convention Center, p. 191

Speaker: Robert Schlegel

Genetic Dissection of the Tumor Microenvironment Using RNAi Whole-Genome Screens in *C. Elegans*, Room 33A-C, San Diego Convention Center, p. 192

Speaker: Gustavo Leone

The LKB1-AMPK Tumor Suppressor Pathway: Metabolic Reprogramming and Therapeutic Targeting, Room 6CF, San Diego Convention Center, p. 192

Speaker: Reuben J. Shaw

Molecular Genetics of Diffuse Large B Cell Lymphoma, Room 30A-C, San Diego Convention Center, p. 192

Speaker: Riccardo Dalla-Favera

Molecular-Driven Therapies for Colorectal Tumors, Room 5, San Diego Convention Center, p. 193

Speaker: Alberto Bardelli

New Insights into Targeted Therapies for Myeloma, Room 29A-D, San Diego Convention Center, p. 193

Speaker: Kenneth C. Anderson

NextGen Cancer Research: Why the Existing Siloed, Guild-Like System Will Soon Be Less Relevant, Room 6B, San Diego Convention Center, p. 193

Speaker: Stephen H. Friend

p53 and Normal Tissue Injury by Radiation, Room 25A-C, San Diego Convention Center, p. 194

Speaker: David G. Kirsch

Primary Xenografts to Model Cure of Hematologic Neoplasms, Room 11, San Diego Convention Center, p. 194

Speaker: David M. Weinstock

Targeting the Epigenome to Treat Cancer, Ballroom 20D, San Diego Convention Center, p. 194

Speaker: Ricky W. Johnstone

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 28D-E, San Diego Convention Center, p. 195

Speaker: Suresh Mohla, Angela Y. Ng

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

**8:15 a.m.-9:15 a.m. Opening Ceremony and
Award Presentations**

Eighth Annual AACR Team Science Award*,
Hall F-G, San Diego Convention Center, p. 197

Speakers: Duke University/Johns Hopkins, and NCI
Malignant Brain Tumor Team

**Eleventh Annual AACR Award for Lifetime
Achievement in Cancer Research***, Hall F-G,
San Diego Convention Center, p. 199

Speaker: Douglas Hanahan

**Eighth Annual AACR Margaret Foti Award for
Leadership and Extraordinary Achievements in
Cancer Research***, Hall F-G, San Diego Convention
Center, p. 207

Speaker: Webster K. Cavenee

9:15 a.m.-12:15 p.m. Opening Plenary Session

Harnessing Breakthroughs, Targeting Cures, Scott W.
Lowe, Chairperson, Hall F-G, San Diego Convention
Center, p. 208

Speakers: Richard A. Young, Carol L. Prives, Richard
Finn, José Baselga, Louis M. Staudt, Walter C. Willett,
Roger M. Perlmutter

**12:45 p.m.-2:00 p.m. NCI/NIH-Sponsored
Session**

**NCI Training Workshop: Fellowships, Career
Development Awards, and Transitioning to
Independence***, Ming Lei, Chairperson, Room 28D-E,
San Diego Convention Center, p. 210

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

1:00 p.m.-2:30 p.m. Science Policy Session

**NIH and NCI Funding: How the AACR and Our
Partners are Taking a Stand against the Decades-
Long Decline in Federal Funding for Research and
Development***, Jon G. Retzlaff, Moderator, George J.
Weiner, Chairperson, Room 8, San Diego Convention
Center, p. 221

Speakers: Brian Bilbray, George J. Weiner, Andrea Ferris

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

**Applications of Nanotechnology for Cancer
Diagnosis, Treatment, and Prevention**, Chad A. Mirkin,
Chairperson, Room 31, San Diego Convention Center,
p. 211

Speakers: Chad A. Mirkin, Otto Zhou, C. Shad Thaxton,
P. Jack Hoopes

**Preclinical Models of Neurofibromatosis-Associated
Tumors as Platforms for Testing Inhibitors of
Aberrant Ras Signaling In Vivo**, Kevin M. Shannon,
Chairperson, Room 7, San Diego Convention Center,
p. 211

Speakers: D. Wade Clapp, Lu Le, David H. Gutmann,
Kevin M. Shannon

Unique Mutational Patterns in Cancer Genomes,
Michael R. Stratton, Chairperson, Room 6CF, San Diego
Convention Center, p. 212

Speakers: Michael R. Stratton, Peter J. Park, Bin Tean
Teh, Andre Nussenzweig

SCHEDULE OF EVENTS

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

Repurposing Aspirin and Metformin for Cancer Prevention and Treatment, Eric J. Jacobs, Chairperson, Room 28A-C, San Diego Convention Center, p. 213

Speakers: Jeffrey Johnson, Pamela J. Goodwin, Andrew T. Chan, Eric J. Jacobs

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

Breast Cancer: Progress in Basic and Translational Research, Carlos L. Arteaga, Chairperson, Room 6A, San Diego Convention Center, p. 214

Speakers: Jos Jonkers, Charlotte Kuperwasser, Charles M. Perou, Carlos L. Arteaga, Maurizio Scaltriti

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 29, San Diego Convention Center, p. 215

Speakers: Keiichi Masuya, Weiguo Su, Sheri L. Moores, Tina M. Albertson

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

Beyond Big Data: Empowering Cancer Omics with Regulatory Models, Andrea Califano, Chairperson, Room 6B, San Diego Convention Center, p. 216

Speakers: Saeed Tavazoie, Andrea Califano, Marc Vidal, Michael Boutros

The Dependency of Cancers on Oncogenic Transcription Factors: An Addiction to Transcription, Gerard I. Evan, Chairperson, Ballroom 20D, San Diego Convention Center, p. 216

Speakers: Gustavo W. Leone, Gerard I. Evan, Richard Jove, Neil Perkins

Development, Regeneration, and Cancer, Alison C. Lloyd, Chairperson, Room 11, San Diego Convention Center, p. 217

Speakers: Duoqia D. J. Pan, Alison C. Lloyd, David H. Rowitch, Richard J. Gilbertson

IDH Mutations in Cancer, Tak W. Mak, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 218

Speakers: Tak W. Mak, Ingo K. Mellingerhoff, David P. Schenkein, Maria Eugenia Figueroa

Microbiota, Inflammation, and Cancer, Johanna W. Lampe, Chairperson, Room 5, San Diego Convention Center, p. 218

Speakers: Patrick Schloss, Scott Bultman, Johanna W. Lampe, Ronald M. Evans

New Approaches for Accessing Chemical Diversity, Jack M. Taunton, Chairperson, Room 30A-C, San Diego Convention Center, p. 219

Speakers: Tom D. Heightman, Jack Taunton, Hiroaki Suga, David R. Liu

Wild Type and Mutant p53 Functions, Guillermina Lozano, Chairperson, Room 33, San Diego Convention Center, p. 220

Speakers: Karen H. Vousden, Laura D. Attardi, Guillermina Lozano, Gerard P. Zambetti

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

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

- TB1 Angiogenesis 1: Molecular and Cellular Mechanisms***, Hall A-E, Poster Section 1, p. 222
- TB2 Biomarkers of Tumor Metastasis***, Hall A-E, Poster Section 2, p. 223
- TB3 Model Organisms of Cancer 1***, Hall A-E, Poster Section 3, p. 224
- TB4 Model Organisms of Cancer 2 / Imaging***, Hall A-E, Poster Section 4, p. 225
- TB5 Negative Modulators and Suppressors of Tumor Metastasis***, Hall A-E, Poster Section 5, p. 226
- TB6 Pathway of Tumor Microenvironmental Modulation***, Hall A-E, Poster Section 6, p. 227
- TB7 Role of Tumor-Associated Mesenchymes and Their Support of the Tumor Microenvironment***, Hall A-E, Poster Section 7, p. 228
- TB8 Stem Cell Expansion and Cancer Stem Cell Targeting***, Hall A-E, Poster Section 8, p. 229
- PR1 Mechanisms of Chemoprevention***, Hall A-E, Poster Section 10, p. 230
- EP1 Cancer Risk: Exposures, Biomarkers, and Genetics***, Hall A-E, Poster Section 11, p. 231
- EP2 Epigenetic Biomarkers and Novel Approaches in Biomarker Research***, Hall A-E, Poster Section 12, p. 232
- MCB1 Autophagy***, Hall A-E, Poster Section 14, p. 233
- MCB2 Bcl-2 Family and Mitochondrial Pathway of Apoptosis***, Hall A-E, Poster Section 15, p. 234
- MCB3 Cancer Systems Biology***, Hall A-E, Poster Section 16, p. 235
- MCB4 Epigenetics 1***, Hall A-E, Poster Section 17, p. 236
- MCB5 Epigenetics 2***, Hall A-E, Poster Section 18, p. 237
- MCB6 Functional Studies of Cancer Genes***, Hall A-E, Poster Section 19, p. 238
- MCB7 Gene Expression and Transcriptional Control 1***, Hall A-E, Poster Section 20, p. 239
- MCB8 Hypoxia, Stress Responses, and Unfolded Protein Response***, Hall A-E, Poster Section 21, p. 240
- MCB9 MicroRNAs and Solid Tumors 1***, Hall A-E, Poster Section 22, p. 241
- MCB10 Molecular Marker Studies***, Hall A-E, Poster Section 23, p. 242
- MCB11 Tumor Suppressors 1***, Hall A-E, Poster Section 24, p. 243
- EN1 Preclinical Analyses in Hormone-responsive Cancers***, Hall A-E, Poster Section 26, p. 244
- IM1 Immune Mechanisms Invoked by Radiation, Chemotherapy, or Targeted Therapy***, Hall A-E, Poster Section 27, p. 245
- IM2 Therapeutic Antibodies***, Hall A-E, Poster Section 28, p. 246
- ET1 Drug Resistance 1: Hormonal Agents and Novel Mechanisms***, Hall A-E, Poster Section 29, p. 247
- ET2 Experimental Gene Transfer, Vector Systems, and Antisense***, Hall A-E, Poster Section 30, p. 248
- ET3 Kinase Inhibitors 1***, Hall A-E, Poster Section 31, p. 249
- ET4 Multiple Drug Resistance / Antimetabolites***, Hall A-E, Poster Section 32, p. 250
- ET5 Novel Combinations/Retrospective Analyses***, Hall A-E, Poster Section 33, p. 251
- ET6 Novel Cytotoxic Strategies***, Hall A-E, Poster Section 34, p. 252
- ET7 Radiation Oncology: Modifiers and Signal Transduction, Sensitivity, Resistance, and Therapy***, Hall A-E, Poster Section 35, p. 253
- CL1 Circulating Biomarkers for Early Detection***, Hall A-E, Poster Section 36, p. 254
- CL2 Predictive Biomarkers 1***, Hall A-E, Poster Section 37, p. 255

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

**Late-Breaking
Poster Sessions**

Late-Breaking Research: Carcinogenesis, Hall A-E,
Poster Section 39, p. 256

Late-Breaking Research: Cancer Chemistry, Hall A-E,
Poster Section 40, p. 256

Late-Breaking Research: Tumor Biology 1, Hall A-E,
Poster Section 42, p. 256

1:15 p.m.-1:45 p.m.

Meet the Research Icon

**Meet the Research Icon: Walter C. Willett, MD,
DrPH***, AACRcentral, Exhibit Hall A-E, San Diego
Convention Center, p. 257

Speaker: Walter C. Willett

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

Meet and Greet

MICR Council Meet and Greet*, AACRcentral, Exhibit
Hall A-E, San Diego Convention Center, p. 258

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

Meet and Greet

AMC Meet and Greet*, AACRcentral, Exhibit Hall A-E,
San Diego Convention Center, p. 259

WICR Council Meet and Greet*, AACRcentral, Exhibit
Hall A-E, San Diego Convention Center, p. 260

2:15 p.m.-3:00 p.m.

**NCI/NIH-Sponsored
Session**

Precision Medicine Initiatives at NCI*, Barbara A.
Conley, Chairperson, Room 28D-E, San Diego
Convention Center, p. 261

Speakers: P. Mickey Williams, Alice P. Chen, Keith
Thomas Flaherty

3:15 p.m.-4:30 p.m.

Lecture

**Ninth Annual AACR-Minorities in Cancer Research
Jane Cooke Wright Memorial Lectureship**, Ballroom
20D, San Diego Convention Center, p. 262

Speaker: Levi A. Garraway

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

**NCI/NIH-Sponsored
Session**

**Enhancing Scientific Discovery Through Data Sharing
and Biomedical Informatics: NCI Resources and Data
Repositories***, Stephanie Morris, Chairperson, Room
28D-E, San Diego Convention Center, p. 263

Speakers: Tanja Davidsen, Jean Claude Zenklusen,
Anthony J. Hickey, Martin J. Fritts

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

Clinical Trials Symposium

**Novel Immune and Targeted Therapies for
Hematologic Malignancies and Solid Tumors**, Room
20A-C, San Diego Convention Center, p. 264

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PR = Prevention Research; TB = Tumor Biology

**3:15 p.m.-5:15 p.m. Drug Development Track:
Special Session**

New Drugs on the Horizon 2, Nancy K. Pryer and Stacie S. Canan, Co-Chairpersons, Room 29, San Diego Convention Center, p. 265

Speakers: Charlotte Kopitz, Sheng-Bin Peng, John G. Moffat, Mark A. Rosenthal

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

CG1 Carcinogenesis, S. Perwez Hussain and Nune Markosyan, Co-Chairpersons, Room 25, San Diego Convention Center, p. 266

Speakers: Jian Wang, Rita A. Sakr, Nune Markosyan, Vincent W. Keng, David A. Greenhalgh, Na-Young Song, Stacy J. Park

CL3 Profiling and Monitoring Cancer Genomics for Diagnosis and Therapy, Paul S. Mischel and Grant McArthur, Co-Chairpersons, Room 11, San Diego Convention Center, p. 266

Speakers: Melissa A. Wilson, Lise Boussemart, Amaro N. Taylor-Weiner, Roel G. Verhaak, Nicola Normanno, Yi-Tsung Lu, Cloud P. Paweletz

EP3 Recent Advances in Molecular and Genetic Epidemiology, Jonine D. Figueroa and Zsofia Kote-Jarai, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 267

Speakers: Celine M. Vachon, Xiaohong R. Yang, Maria Teresa Landi, Ye Feng, Ludmila Prokunina-Olsson, Iona C. Cheng, Jennifer Permuth-Wey

ET8 Novel Small Molecule Inhibitors and Targets, Monica L. Guzman and Steven Grant, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 267

Speakers: H Shelton Earp, Kassoum Nacro, Joseph R. Marszalek, Hsien Lai, Ronan Le Moigne, Houda Alachkar, Carlo V. Catapano

ET9 Understanding Mechanisms of Resistance to Targeted Agents in Patients, Philippe L. Bedard and Andrew I. Minchinton, Co-Chairpersons, Room 6B, San Diego Convention Center, p. 268

Speakers: Petros Giannikopoulos, Matthew J. Niederst, Sandra Ortiz-Cuarán, Nanxin Li, Yi-Hui Wu, Nathalie Johnson, Mary E. Irwin

MCB12 Cancer Metabolism: New Pathways and Progress Toward Therapy, Matthew G. Vander Heiden and David M. Sabatini, Co-Chairpersons, Room 6CF, San Diego Convention Center, p. 268

Speakers: Jing Chen, Jason Chesney, Fang Wang, Thomas O'Brien, Daniel Herranz, Andy L. MacKinnon

MCB13 Cell Signaling in Cancer, Murray Korc and Rachel Schiff, Co-Chairpersons, Room 33, San Diego Convention Center, p. 269

Speakers: Johannes Betge, Sohei Nakayama, Jesse Gore, Christian D. Young, Petra den Hollander, Yu-Tzu Tai, Rachel J. Buchsbaum

MCB14 Modulation of microRNA Expression, Philip N. Tschlis and Curtis C. Harris, Co-Chairpersons, Room 31, San Diego Convention Center, p. 269

Speakers: Christopher J. Cheng, Liguang Chen, Andrea Lampis, Jennifer Czochor, Ranjan J. Perera, H. L. Grimes, Jin Q. Cheng

MCB15 Molecular Profiling to Elucidate Tumor Heterogeneity and Clonal Evolution, Jonathan Keats and Marco Gerlinger, Co-Chairpersons, Room 5, San Diego Convention Center, p. 270

Speakers: Naga Poojitha Ojamies, Elza De Bruin, Hoon Kim, Matthew L. Hedberg, Christine Desmedt, John N. Weinstein

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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

TB9 Molecular Regulation of Tumor Metastasis, Bruce R. Zetter and Frank J. Rauscher, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 270

Speakers: Eran Andrechek, Rashid Gabbasov, Rusheeswar Challa, Laurie J. Gay, Frank J. Rauscher, Jens G. Lohr, Pravin J. Mishra

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

Meet the Research Icon

Meet the Research Icon: Carol L. Prives, PhD*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 275

Speaker: Carol L. Prives

TB10 Pediatric Cancers 1, Charles G. Mullighan and Lionel Chow, Co-Chairpersons, Room 7, San Diego Convention Center, p. 271

Speakers: Carl Koschmann, Vasil Savov, David T. Teachey, Jinghui Zhang, Brian Crompton, Andrew C. Wood, Seishiro Nodomi

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

Lecture

Seventeenth Annual Pezcoller Foundation-AACR International Award for Cancer Research, Hall F-G, San Diego Convention Center, p. 276

Speaker: Elaine Fuchs

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

Meet and Greet

Meet the Mentor: Undergraduate Focus*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 272

Speaker: Ernest T. Hawk

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

Presidential Lecture

Presidential Address, Hall F-G, San Diego Convention Center, p. 277

Speaker: Charles L. Sawyers

3:45 p.m.-5:15 p.m.

Special Session

Funding Opportunities in Europe for Creative Minds From Anywhere in the World*, Room 6E, San Diego Convention Center, p. 273

Speakers: Mohamed Bentires-Alj, E. G. De Vries, Klaus Pantel

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

Town Meeting

Molecular Epidemiology (MEG) Town Meeting and Networking Reception*, Marina Ballroom F, South Tower, San Diego Marriott Marquis & Marina, p. 278

Speakers: Johanna W. Lampe, Susan M. Gapstur, Kathryn H. Schmitz, Raymond C. Bergan, Susan M. Gapstur

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

Meet the Research Icon

Meet the Pancreatic Cancer Research Icon: Margaret A. Tempero, MD*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 274

Speaker: Margaret A. Tempero

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

Pediatric Cancer Working Group Town Hall Meeting and Networking Reception*, Lee J. Helman, Chairperson, Marina Ballroom D, South Tower, San Diego Marriott Marquis & Marina, p. 279

Tumor Microenvironment (TME) Town Meeting and Networking Reception*, Marina Ballroom G, South Tower, San Diego Marriott Marquis & Marina, p. 280

Speakers: Mary Helen Barcellos-Hoff, Raghu Kalluri, Kenneth J. Pienta, Katarzyna A. Rejniak

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

Marriott Hall, San Diego Marriott Marquis & Marina, p. 281

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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Monday, April 7, 2014

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

Big Data and Technology: Transforming Cancer Care and Research, Room 6B, San Diego Convention Center, p. 288

Speaker: Lynda Chin

The Cancer Epigenome: Translational Potential, Ballroom 20D, San Diego Convention Center, p. 288

Speaker: Stephen B. Baylin

Computational Approaches to Functional Cancer Genomics, Room 7, San Diego Convention Center, p. 288

Speaker: Jill Mesirov

DNA Damage Response and ARF-p53 Anticancer Barriers: Mechanisms, Defects, and Relevance for Chromosomal (In)stability, Tumorigenesis, and Treatment, Room 11, San Diego Convention Center, p. 288

Speaker: Jiri Bartek

From Molecules to Mice: The Role of Mutationally Activated BRAF in Tumor Initiation, Cancer Progression, and Pathway-Targeted Therapy, Room 29A-D, San Diego Convention Center, p. 289

Speaker: Martin McMahon

Germline Genetic Testing and Risk Modeling in Patients and Populations, Room 28A-C, San Diego Convention Center, p. 289

Speaker: Stephen B. Gruber

Hereditary Gastrointestinal Cancer in Minority Populations, Room 1, San Diego Convention Center, p. 289

Speaker: Marcia R. Cruz-Correa

PARP Inhibition: What Have We Learned? Room 6CF, San Diego Convention Center, p. 290

Speaker: Johann S. de Bono

Recombinant Immunotoxins: From Conception to Clinical Reality in Mesothelioma and Leukemia, Room 5, San Diego Convention Center, p. 290

Speaker: Ira Pastan

The Role of PI3Kinase-Delta and -Gamma Inhibition in Hematological Malignancies, Room 25, San Diego Convention Center, p. 290

Speaker: Julian Adams

Targeting Genetic Drivers in Premalignancy, Room 31A-C, San Diego Convention Center, p. 290

Speaker: Scott M. Lippman

Targeting the Genetic and Metabolic Basis of Cancer, Room 6A, San Diego Convention Center, p. 291

Speaker: W. Marston Linehan

Understanding Tumor Heterogeneity Using 40 Markers at Single-Cell Resolution, Room 33A-C, San Diego Convention Center, p. 291

Speaker: Dana Pe'er

Why Do Two of Three People Never Get Cancer? Evolutionary Aspects of Cancer Resistance, Room 30A-C, San Diego Convention Center, p. 291

Speaker: George Klein

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

NCI Rare Tumors Initiative: Leveraging Expertise in Basic and Clinical Studies of Rare Tumors to More Effectively Translate Potential New Therapies*, Abby Sandler, Moderator, Room 28D-E, San Diego Convention Center, p. 287

Speakers: Shivaani Kummar, Brigitte C. Widemann, Karlyne M. Reilly, Abby Sandler

Panelists: Shivaani Kummar, Brigitte C. Widemann, Karlyne M. Reilly, S. Percy Ivy, Annette Bakker

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

- ADV1 Advocates Poster Session 1***, Hall A-E, Poster Section 1, p. 326
- TB11 Angiogenesis 2: Novel Targets and Agents***, Hall A-E, Poster Section 2, p. 292
- TB12 Cell Plasticity in Tumor Metastasis***, Hall A-E, Poster Section 3, p. 293
- TB13 Cells and Their Factors in the Tumor Microenvironment***, Hall A-E, Poster Section 4, p. 294
- TB14 Dynamic Interactions in the Tumor Microenvironment***, Hall A-E, Poster Section 5, p. 295
- TB15 Epithelial-Mesenchymal Transitions in Tumor Metastasis***, Hall A-E, Poster Section 6, p. 296
- TB16 Factors Influencing the Tumor Microenvironment***, Hall A-E, Poster Section 7, p. 297
- TB17 Human to Mouse 1***, Hall A-E, Poster Section 8, p. 298
- TB18 Human to Mouse 2***, Hall A-E, Poster Section 9, p. 299
- PR2 Molecular Targets in Chemoprevention***, Hall A-E, Poster Section 10, p. 300
- EP4 Diet and Cancer Risk/Mortality***, Hall A-E, Poster Section 12, p. 301
- EP5 Genetic Epidemiology of Familial Cancers***, Hall A-E, Poster Section 13, p. 302

- MCB16 Cell Cycle 1***, Hall A-E, Poster Section 14, p. 303
- MCB17 Death Signaling in Apoptosis, Necrosis, and Autophagy***, Hall A-E, Poster Section 15, p. 304
- MCB18 Epigenetic Markers of Cancer***, Hall A-E, Poster Section 16, p. 305
- MCB19 Gene Expression and Transcriptional Control 2***, Hall A-E, Poster Section 17, p. 306
- MCB20 Metabolic Pathways 1***, Hall A-E, Poster Section 18, p. 307
- MCB21 MicroRNAs and Metastasis***, Hall A-E, Poster Section 19, p. 308
- MCB22 MicroRNAs and Solid Tumors 2: Diagnostics/Prognostics***, Hall A-E, Poster Section 20, p. 309
- MCB23 Mutation Detection Methods***, Hall A-E, Poster Section 21, p. 310
- MCB24 Oncogenomics***, Hall A-E, Poster Section 22, p. 311
- MCB25 Tumor Suppressors 2***, Hall A-E, Poster Section 23, p. 312
- CG2 Chemical and Physical Carcinogenesis***, Hall A-E, Poster Section 25, p. 313
- CH1 Proteomics and Signaling Networks***, Hall A-E, Poster Section 26, p. 314
- CH2 Small Molecule Design, Identification, and Optimization 1***, Hall A-E, Poster Section 27, p. 315
- IM3 Inflammation and the Tumor Microenvironment***, Hall A-E, Poster Section 28, p. 316
- ET10 Combination Therapy to Overcome Resistance***, Hall A-E, Poster Section 29, p. 317
- ET11 Drug Resistance 2: Proteasome Inhibitors, mTOR Inhibitors, and Other Targeted Agents***, Hall A-E, Poster Section 30, p. 318

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ET12 Kinase Inhibitors 2*, Hall A-E, Poster Section 31, p. 319

ET13 New Targets and Agents 1*, Hall A-E, Poster Section 32, p. 320

ET14 Novel Targets 1*, Hall A-E, Poster Section 33, p. 321

ET15 Resistance to Inhibitors of ErbB Proteins*, Hall A-E, Poster Section 34, p. 322

CL4 Diagnostic and Cancer Risk Markers*, Hall A-E, Poster Section 36, p. 323

CL5 New Diagnostics, Therapeutic Targeting, and Response Assessments*, Hall A-E, Poster Section 37, p. 324

CT1 Early Phase Clinical Trials 1: Phase I*, Hall A-E, Poster Section 38, p. 325

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

Professional Advancement Session

WICR Career Mentoring Session*, Leslie Bernstein and Pearl S. Huang, Co-Chairpersons, Marina Ballroom G, South Tower, San Diego Marriott Marquis & Marina, p. 329

Speakers: Leslie Bernstein, Nancy E. Davidson, Pearl S. Huang, Patricia M. Lorusso, Danny R. Welch, Varsha Gandhi, Eileen P. White, Beverly D. Lyn-Cook, J. Carl Barrett, Cynthia A. Romerdahl, Sandra L. White, Donald L. Trump, Jonathan S. Wiest, James V. Lacey, Elizabeth L. Travis, Carolyn A. Buser-Doepner, Ethan Dmitrovsky

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

Forum

MICR Forum: The Role of Training and Mentoring in Navigating a Successful Cancer Research Career*, Sanya A. Springfield, Chairperson, Room 7, San Diego Convention Center, p. 330

Speakers: H. Nelson Aguila, Peter O. Ogunbiyi, Alison Lin, John O. Ojeifo, Anil Wali, Elva M. Arredondo

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

Late-Breaking Poster Sessions

Late-Breaking Research: Tumor Biology 2, Hall A-E, Poster Section 40, p. 327

Late-Breaking Research: Molecular and Cellular Biology 1, Hall A-E, Poster Section 41, p. 327

Late-Breaking Research: Experimental and Molecular Therapeutics 1, Hall A-E, Poster Section 42, p. 327

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

Career Conversations

Positions in the Biotechnology and Pharmaceutical Industry*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 331

Speakers: Jacob R. Haling, Michael Pourdehnad

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

Plenary Session

Targeted Immunotherapy: Mobilizing the Immune System Against Cancer, Suzanne L. Topalian, Chairperson, Hall F-G, San Diego Convention Center, p. 328

Speakers: Carl H. June, Irving L. Weissman, Steven A. Rosenberg, Jedd D. Wolchok

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

NCI/NIH-Sponsored Session

Utilizing Existing Resources for Discovery or Validation of Markers for Early Cancer Detection*, Sheri Schully and Danielle Carrick, Co-Chairpersons, Room 28D-E, San Diego Convention Center, p. 332

Speakers: David F. Ransohoff, Lawrence H. Kushi, Steven J. Skates, Susan E. Hankinson

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

Preventing Hereditary Cancers: Treating the Organ, the Individual, and Their Families, Marcia R. Cruz-Correa, Chairperson, Room 28A-C, San Diego Convention Center, p. 333

Speakers: Marcia R. Cruz-Correa, Miguel A. Rodriguez-Bigas, Jeffrey N. Weitzel, Sapna Syngal

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

Radiation and Breast Cancer: Linking Genetics, Epidemiology, and Biology, Kenan Onel, Chairperson, Room 5, San Diego Convention Center, p. 334

Speakers: Roy E. Shore, Yoshiya Shimada, Jonine L. Bernstein, Kenan Onel

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

Novel Approaches for Understanding the Biology of Colorectal Cancer, Raju Kucherlapati, Chairperson, Room 11, San Diego Convention Center, p. 335

Speakers: Sergio Lira, Christian Jobin, Andrea Bertotti, Raju Kucherlapati

Update on New Translational Findings in Lymphoid Malignancies, John C. Byrd, Chairperson, Room 33A-C, San Diego Convention Center, p. 335

Speakers: Jennifer R. Brown, Adrian U. Wiestner, John C. Byrd, Megan S. Lim

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

The Bayard D. Clarkson Symposium: Stem Cells and Cancer, Sean J. Morrison, Chairperson, Room 6CF, San Diego Convention Center, p. 337

Speakers: John E. Dick, Robert J. Wechsler-Reya, Owen N. Witte, Sean J. Morrison

Cancer Metabolism, Lewis C. Cantley, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 337

Speakers: Ralph J. DeBerardinis, Craig B. Thompson, Elizabeth Maher, Matthew G. Vander Heiden

Endogenous Immunity and Cancer, Robert D. Schreiber, Chairperson, Room 6B, San Diego Convention Center, p. 338

Speakers: Robert D. Schreiber, David H. Raulet, Wolf Hervé Fridman, James P. Allison

Functional Regulation of the Cancer Genome, Bradley E. Bernstein, Chairperson, Ballroom 20D, San Diego Convention Center, p. 338

Speakers: John Stamatoyannopoulos, Myles A. Brown, Ari M. Melnick, Bradley E. Bernstein

Pediatric Cancer Genomes, Todd R. Golub, Chairperson, Room 31, San Diego Convention Center, p. 339

Speakers: James R. Downing, Stefan M. Pfister, John Maris, Katherine A. Janeway

Senescence, Cancer, and Aging, Norman E. Sharpless, Chairperson, Room 30A-C, San Diego Convention Center, p. 339

Speakers: Norman E. Sharpless, Manuel Serrano, Daniel Simon Peeper, Michael F. Clarke

Translating Preclinical Trials in Genetically Engineered Mouse Models toward Clinical Trials, Douglas Hanahan, Chairperson, Room 6A, San Diego Convention Center, p. 340

Speakers: Pier Paolo Pandolfi, Lisa M. Coussens, Philipp Beckhove, Douglas Hanahan

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10:30 a.m.-12:30 p.m. Clinical Trials Symposium

Biomarker-Driven Clinical Trials, Room 29, San Diego Convention Center, p. 336

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

Networking in Action: Expanding and Utilizing Your Network through Effective Communication, Organized by the Associate Member Council*, Marina Ballroom E, San Diego Marriott Marquis & Marina, p. 341

Speakers: Jonathan S. Wiest, Kelly L. Covello, Karen E. Knudsen

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

Regulatory Considerations for Targeted Immunotherapies, Renzo Canetta and Ke Liu, Co-Chairpersons, Room 6E, San Diego Convention Center, p. 342

Speakers: Marc Theoret, Lillian L. Siu, Jeffrey S. Weber, Suzanne L. Topalian, Samir N. Khleif

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

Honoring the 50th Anniversary Surgeon General's Report: The Health Consequences of Smoking—50 Years of Progress, Roy S. Herbst, Chairperson, Room 1, San Diego Convention Center, p. 343

Speakers: Roy S. Herbst, Jonathan M. Samet, Graham W. Warren, Robert T. Croyle, Mitchell Zeller

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

Chemistry in Cancer Research (CICR) Town Meeting and Networking Reception*, Room 6D, San Diego Convention Center, p. 344

Speakers: Michael J. Luzzio, Stephen A. Munk, Klaus Pors

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

Tenth Annual Gertrude B. Elion Cancer Research Award Lecture, Ballroom 20D, San Diego Convention Center, p. 345

Speaker: Sandra S. McAllister

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

AACR Annual Business Meeting of Members*, Charles L. Sawyers, Moderator, Room 8, San Diego Convention Center, p. 346

12:45 p.m.-2:15 p.m. Special Session

Realizing Patient Benefit: Four-Year Results From the SU2C Dream Teams*, Phillip A. Sharp, Chairperson, Room 6B, San Diego Convention Center, p. 347

Speakers: Stephen B. Baylin, Julie R. Brahmer, Gordon B. Mills, Ursula Matulonis, Mehmet Toner, Daniel A. Haber, Dennis J. Slamon, Joan S. Brugge, Daniel D. Von Hoff, Rajesh Kumar

1:00 p.m.-1:30 p.m. Meet the Research Icon

Meet the Research Icon: Martine J. Piccart, MD, PhD*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 348

Speaker: Martine J. Piccart

1:00 p.m.-2:30 p.m. Science Policy Session

The President's Cancer Panel Report "Accelerating HPV Vaccine Uptake: Urgency for Action to Prevent Cancer" – Scientific Advances to Help Achieve Policy Goals, Abby Sandler, Chairperson, Room 8, San Diego Convention Center, p. 349

Speakers: Owen N. Witte, Douglas R. Lowy, Maura L. Gillison, Jennifer S. Smith, Joel Palefsky, Mary-Jo Murphy

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

Novel Targets, Room 25, San Diego Convention Center, p. 350

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

Systems Pharmacology: Measuring and Harnessing Chemosensitivity on a Quantitative, Omics-Driven Basis, Peter K. Sorger, Chairperson, Room 33A-C, San Diego Convention Center, p. 351

Speakers: Anthony G. Letai, Peter K. Sorger, Adolfo Ferrando, Peter K. Jackson

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

The Exposome: Future Promise for Cancer Research, John D. Groopman, Chairperson, Room 28A-C, San Diego Convention Center, p. 352

Speakers: Stephen M. Rappaport, Daniel L. Kraft, Avrum E. Spira, John D. Groopman

Long-Term Consequences in Cancer Survivors, Smita Bhatia, Chairperson, Room 7, San Diego Convention Center, p. 352

Speakers: Lois B. Travis, Leslie L. Robison, Saro Armenian, Smita Bhatia

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

The Dharma Master Jiantai Current Concepts in Lung Cancer Session: Novel Targets in Non-Small Cell Lung Cancer, Thomas J. Lynch, Chairperson, Room 31A-C, San Diego Convention Center, p. 353

Speakers: Thomas J. Lynch, Katerina A. Politi, Alice T. Shaw, Jean-Charles Soria

Genetic Lesions and Therapeutic Opportunities in Acute Myeloid Leukemia, Benjamin Ebert, Chairperson, Room 5, San Diego Convention Center, p. 353

Speakers: Jeffrey W. Tyner, Neil P. Shah, Benjamin Ebert, Ross L. Levine

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

Aneuploidy, Angelika Amon, Chairperson, Room 6A, San Diego Convention Center, p. 354

Speakers: Jan M. Van Deursen, Don W. Cleveland, David Pellman, Angelika Amon

Blocking the PD-1/PD-L1 Pathway in Cancer Therapy, Charles G. Drake, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 354

Speakers: Charles G. Drake, Arlene Sharpe, F. Stephen Hodi, Mario Sznol

The Cancer Cell Niche, Andreas Trumpp, Chairperson, Room 11, San Diego Convention Center, p. 355

Speakers: Andreas Trumpp, Mikala Egeblad, Joan Massagué, Thea D. Tlsty

New Cancer Models, Hans Clevers, Chairperson, Room 6CF, San Diego Convention Center, p. 355

Speakers: Hans Clevers, Alana L. Welm, Calvin J. Kuo, Richard Schlegel

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

Next-Generation Sequencing Analysis as a Tool to Define the Biologic Basis of Drug Sensitivity, David B. Solit, Chairperson, Room 29, San Diego Convention Center, p. 356

Speakers: Arul M. Chinnaiyan, John D. Carpten, Elaine R. Mardis, David B. Solit

Novel Mechanisms of Metastasis, Makoto M. Taketo, Chairperson, Ballroom 20D, San Diego Convention Center, p. 356

Speakers: Makoto M. Taketo, Nancy E. Hynes, Priscilla K. Brastianos, Danny R. Welch, Robert A. Weinberg

Tumor Microenvironment: Composition and Consequence, Clare Isacke, Chairperson, Room 30A-C, San Diego Convention Center, p. 357

Speakers: Christopher S. Chen, Patricia J. Keely, Clare Isacke, Erik Sahai

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

The Role of Research Biopsies in Trials of Molecularly Targeted Agents: Scientific, Ethical, and Practical Considerations, Nancy U. Lin, Chairperson, Room 6E, San Diego Convention Center, p. 358

Speakers: W. Fraser Symmans, Lillian L. Siu, Elizabeth Frank, Tatiana Prowell

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

TB19 Cancer Stem Cell Phenotype and Function 1*, Hall A-E, Poster Section 1, p. 361

TB20 Developmental Pathways in Cancer*, Hall A-E, Poster Section 2, p. 362

TB21 Impact of Tissue Context on Tumor Progression and Treatment*, Hall A-E, Poster Section 3, p. 363

TB22 Metastasis Regulating Genes*, Hall A-E, Poster Section 4, p. 364

TB23 Modeling Cancers in 3D Culture*, Hall A-E, Poster Section 5, p. 365

TB24 Photoacoustics, MRI, and Translational Imaging Applications*, Hall A-E, Poster Section 7, p. 366

TB25 Positive Modulators of Tumor Metastasis*, Hall A-E, Poster Section 8, p. 367

EN2 Molecular Endocrinology of Hormone-responsive Cancers*, Hall A-E, Poster Section 9, p. 368

PR3 Chemoprevention Studies*, Hall A-E, Poster Section 11, p. 369

EP6 Lifestyle Factors and Cancer Risk/Mortality*, Hall A-E, Poster Section 12, p. 370

EP7 Molecular and Genetic Epidemiology of Gastrointestinal Cancers*, Hall A-E, Poster Section 13, p. 371

MCB26 Cancer Genetics and Genomics Studies*, Hall A-E, Poster Section 15, p. 372

MCB27 Cellular Senescence/Drug Responses*, Hall A-E, Poster Section 16, p. 373

MCB28 Death Receptors and Death Signaling Upstream of the Mitochondria*, Hall A-E, Poster Section 17, p. 374

MCB29 Epigenetics 3: DNA Methylation*, Hall A-E, Poster Section 18, p. 375

MCB30 Gene Expression and Transcriptional Control 3*, Hall A-E, Poster Section 19, p. 376

MCB31 Gene Expression Profiling and Sequence Analysis*, Hall A-E, Poster Section 20, p. 377

MCB32 Genomic Stability and DNA Repair 1*, Hall A-E, Poster Section 21, p. 378

MCB33 Genomic Stability and DNA Repair 2*, Hall A-E, Poster Section 22, p. 379

MCB34 Metabolic Pathways 2*, Hall A-E, Poster Section 23, p. 380

MCB35 Tumor Suppressors 3*, Hall A-E, Poster Section 24, p. 381

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

- CH3 Proteomics and Biomarker Discovery***, Hall A-E, Poster Section 25, p. 382
- CH4 Small Molecule Design, Identification, and Optimization 2***, Hall A-E, Poster Section 26, p. 383
- IM4 Assessing Immune Responses to Interventional Therapies***, Hall A-E, Poster Section 27, p. 384
- IM5 Immune Modulatory Agents and Interventions***, Hall A-E, Poster Section 28, p. 385
- ET16 Biologic Therapy 1***, Hall A-E, Poster Section 29, p. 386
- ET17 Biologic Therapy 2***, Hall A-E, Poster Section 30, p. 387
- ET18 New Antibodies and Antibody Drug Conjugates***, Hall A-E, Poster Section 31, p. 388
- ET19 New Targets and Agents 2***, Hall A-E, Poster Section 32, p. 389
- ET20 Novel Targets 2***, Hall A-E, Poster Section 33, p. 390
- ET21 Targeting DNA Damage, Cell Division, and Apoptosis***, Hall A-E, Poster Section 34, p. 391
- ET22 Targeting Signaling Pathways***, Hall A-E, Poster Section 35, p. 392
- CL6 Cell-Based Therapies for Cancer***, Hall A-E, Poster Section 36, p. 393
- CL7 Predictive Biomarkers 2***, Hall A-E, Poster Section 37, p. 394
- CL8 Prognostic Biomarkers 1***, Hall A-E, Poster Section 38, p. 395
- CL9 Prophylactic and Therapeutic Immune-based Therapies***, Hall A-E, Poster Section 39, p. 396

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

Late-Breaking Research: Molecular and Cellular Biology 2, Hall A-E, Poster Section 40, p. 397

Late-Breaking Research: Tumor Biology 3, Hall A-E, Poster Section 41, p. 397

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

NCI Resources for Accessing and Improving Research Biospecimens*, Irina A. Lubensky, Aniruddha Ganguly, Helen M. Moore, Moderators, Room 1, San Diego Convention Center, p. 359

Speakers: Mark A. Watson, Dave Billiter, Steven Marroulis, Latarsha Carithers, Abhi Rao, Helen M. Moore

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

Choosing the Right Postdoctoral Fellowship for a Successful Research Career*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 398

Speakers: Sendurai A. Mani, Lacey R. McNally

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

Meet the 2014-2015 AACR President, Carlos L. Arteaga, MD*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 399

Speaker: Carlos L. Arteaga

2:30 p.m.-4:00 p.m. NCI/NIH-Sponsored Session

NCI's Center for Strategic Scientific Initiatives (CSSI): Programs and Highlights*, Emily J. Greenspan, Chairperson, Room 28D-E, San Diego Convention Center, p. 400

Speakers: Anthony Dickherber, Emily J. Greenspan, Jaime Guidry Auvil, Sean E. Hanlon, Stephanie Morris, Christopher Kinsinger

SCHEDULE OF EVENTS

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

Meet the Jane Cooke Wright Lecturer*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 402

Speaker: Levi A. Garraway

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

CL10 Novel Biomarkers Predictive of Response,

Scott Kopetz and Matthew A. Maurer, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 403

Speakers: Sebastien Jeay, Emmanuel S. Antonarakis, Ahmad A. Tarhini, Maria Fiammetta Romano, Jan Budczies, Weihsu C. Chen, Xia Pu

EP8 Cancer Risk and Survival: New Insights,

John P. Pierce and Ann W. Hsing, Co-Chairpersons, Room 7, San Diego Convention Center, p. 403

Speakers: Leticia M. Nogueira, Inger T. Gram, Sophia S. Wang, A. Heather Eliassen, Meredith S. Shiels, Ulrike Peters, Veronika Fedirko

ET23 New Targets and New Combinations to Overcome Resistance, Zev A. Wainberg and Carolyn D. Britten, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 404

Speakers: Paul R. Gavine, Jyoti Asundi, Paul A. Clarke, Oliver Surriga, Shigeru Kawabata, Eun Young Kim, Hui Qin Wang

ET24 Novel Therapeutic Strategies, Jeffrey A. Engelman and Frank P. Stegmeier, Co-Chairpersons, Room 25, San Diego Convention Center, p. 404

Speakers: Ho Man Chan, Madeleine Hewish, Silvia Buonamici, Anthony C. Faber, Jennifer M. Giltneane, Chun-Hao Huang, Dirk Brehmer

IM6 Immune-Based Therapies: Responses, Biomarkers, and Mechanisms, Pamela S. Ohashi and Nina Bhardwaj, Co-Chairpersons, Room 6CF, San Diego Convention Center, p. 405

Speakers: Lawrence Fong, Sjoerd H. Van Der Burg, Robert H. Andtbacka, Michael Cannarile, Holbrook Kohrt, Wade T. Iams, Adrienne Long

MCB36 Gene Regulation and Transcription Factors, Martin Horstmann and Waldemar Priebe, Co-Chairpersons, Room 33, San Diego Convention Center, p. 405

Speakers: Joanne K. Tobacman, Ujunwa C. Okoye-Okafor, Waldemar Priebe, Kavitha Gowrishankar, Dorhyun Johng, Aykut Üren, Marcos Seoane

MCB37 Metabolism and Programmed Cell Death, Anthony G. Letai and Xiaolu Yang, Co-Chairpersons, Room 31, San Diego Convention Center, p. 406

Speakers: Jihye Yun, Prachi Mishra, Brian J. Altman, Lauren A. Barclay, Holger Kalthoff, Michael F. Olson, Zachary Stine

MCB38 Tumor Suppressors 4, Laura D. Attardi and R. D. Beauchamp, Co-Chairpersons, Room 5, San Diego Convention Center, p. 406

Speakers: Laura D. Attardi, Alea A. Mills, Suk-Chul Bae, Francisco J. Sánchez-Rivera, Erik T. Goka, Tanner J. Freeman, Maureen E. Murphy

PR4 Cancer Prevention, Steven M. Dubinett and Andrew J. Dannenberg, Co-Chairpersons, Room 1, San Diego Convention Center, p. 407

Speakers: Ciric To, Elizabeth Alli, Xiaohe Yang, Hsuan-Heng Yeh, Altaf Mohammed, Everardo Macias, Dipak K. Sarkar

TB26 Innovations in Modeling Cancer in Mice, Cory Abate-Shen and Zhi-Min Yuan, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 407

Speakers: Xuefeng Liu, Yifeng Xia, Prem K. Premrirut, Ho-Chou Tu, Suha Naffar-Abu Amara, BaoHan T. Vo, Jens Hoffmann

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

Early Phase Clinical Trials of Novel Targeted Agents, Room 29, San Diego Convention Center, p. 408

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

Breakthrough Therapies: Case Studies of Successful Applications in Oncology, William N. Hait, Chairperson, Room 6E, San Diego Convention Center, p. 409

Speakers: Nancy Valente, Peter F. Lebowitz, Ellen V. Sigal, Paul G. Kluetz

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

Data Reproducibility in Cancer Research: Can You Believe Everything You Read? Lee M. Ellis, Chairperson, Room 8, San Diego Convention Center, p. 410

Speakers: Lee M. Ellis, C. Glenn Begley, William R. Sellers, Ferric C. Fang

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

New SU2C Dream Teams: Patient Benefit Through Targeted Therapeutics and Immunotherapy*, Phillip A. Sharp, Chairperson, Room 6B, San Diego Convention Center, p. 411

Speakers: Phillip A. Sharp, Arul M. Chinnaiyan, Nikolaus Schultz, Antoni Ribas, Cassian Yee, Eric Small, Joshi J. Alumkal, Jeffrey M. Trent, Aleksandar Sekulic, Emile E. Voest, John Maris, Hans Clevers

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

Eighth Annual AACR Princess Takamatsu Memorial Lectureship, Ballroom 20A-C, San Diego Convention Center, p. 412

Speaker: Rakesh K. Jain

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

Career Conversations: Career Paths in Pancreatic Cancer Research*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 413

Speakers: M. Celeste Simon, Andrew D. Rhim

How to Distinguish Yourself from Your Mentor*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 413

Speakers: Kimberly J. Johnson, Kenneth P. Olive

4:00 p.m.-5:30 p.m. NCI/NIH-Sponsored Session

NCI's Provocative Questions Initiative: Highlights and Outcomes*, Emily J. Greenspan, Chairperson, Room 28D-E, San Diego Convention Center, p. 414

Speakers: Douglas R. Lowy, Emily J. Greenspan, James R. Heath, Darryl K. Shibata, Lisa A. Boardman

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

Thirty-Fourth Annual AACR Award for Outstanding Achievement in Cancer Research, Ballroom 20D, San Diego Convention Center, p. 415

Speaker: Nima Sharifi

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

Forums

Antioxidant to Pro-Oxidant Therapy for Cancer, Navdeep S. Chandel, Moderator, Room 11, San Diego Convention Center, p. 416

Speakers: Shyam Biswal, Tak W. Mak

Controversies and Challenges Posed By Incidental Findings from Tumor Genome Analysis, Kenneth Offit, Moderator, Room 33, San Diego Convention Center, p. 416

Speakers: Stephen J. Chanock, Sharon E. Plon

Crowdsourcing Cancer Research: The Role of Quantitative Challenges, Gustavo A. Stolovitzky, Moderator, Room 30A-C, San Diego Convention Center, p. 416

Speakers: Stephen H. Friend, Daniel Gallahan

Genomics: How Deep Is a Deep Enough Dive? Todd R. Golub, Chairperson, Room 6CF, San Diego Convention Center, p. 417

Speakers: Peter J. Campbell, William C. Hahn

Plasticity vs. Hierarchy in Tumors, Bradley E. Bernstein, Moderator, Room 31A-C, San Diego Convention Center, p. 417

Speakers: Inder M. Verma, Luis F. Parada

Targeting Autophagy in Cancer: Promise or Peril? Douglas R. Green, Chairperson, Room 5, San Diego Convention Center, p. 417

Speakers: Kevin Ryan, Eileen P. White

What Is (Are) the Mechanism(s) by Which the p53 Protein Enforces Tumor Suppression? Arnold J. Levine, Moderator, Room 29, San Diego Convention Center, p. 418

Speakers: Andreas Strasser, Wei Gu

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

Major Symposium

AACR/ASCO Presidential Symposium: Precision Medicine: Next-Generation Sequencing, Charles L. Sawyers and Clifford A. Hudis, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 419

Speakers: Victor E. Velculescu, Elizabeth Mansfield, William Pao

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

Special Session

AACR Radiation Oncology Task Force Networking Reception*, Grand Ballroom D-E, Omni San Diego Hotel, p. 420

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

Town Meeting

MICR Town Meeting*, Christopher I. Li, Chairperson, Marina Ballroom G, South Tower, San Diego Marriott Marquis & Marina, p. 421

Speaker: Margaret Foti

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

Award Lecture

Fifty-Fourth Annual AACR-G.H.A. Clowes Memorial Award, Ballroom 20A-C, San Diego Convention Center, p. 422

Speaker: James P. Allison

**6:00 p.m.-8:00 p.m. Professional
Advancement Session**

**Conducting Effective Peer Review of Manuscripts:
A View from the Editor's Chair***, Michael A. Caligiuri,
Chairperson, San Diego Ballroom C, San Diego Marriott
Marquis & Marina, p. 423

Speakers: William C. Hahn, Theodore S. Lawrence,
Danny R. Welch

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

**Joint Cancer Immunology (CImm)/Tumor
Microenvironment (TME) Working Groups Evening
Scientific Session***, Marriott Hall Salon 4, San Diego
Marriott Marquis & Marina, p. 424

Speakers: Robert H. Vonderheide, Silvia Formenti,
Charles G. Drake, Andy J. Minn, Mary Helen
Barcellos-Hoff

**6:30 p.m.-8:45 p.m. Professional
Advancement Session**

**MICR Professional Advancement Roundtable:
Navigating the Road to a Successful Career in
Cancer Research***, A. William Blackstock and Chanita
Hughes-Halbert, Co-Chairpersons, Marina Ballroom D-E,
South Tower, San Diego Marriott Marquis & Marina,
p. 425

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PR = Prevention Research; TB = Tumor Biology

SCHEDULE OF EVENTS

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Tuesday, April 8, 2014

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

Alcohol and Cancer: Modest Cardiovascular Disease Benefits but Many Cancer and Other Risks, Room 28A-C, San Diego Convention Center, p. 432

Speaker: Susan M. Gapstur

Antibody Therapy for Cancer: Targeting the Tumor and Targeting the Host, Room 6B, San Diego Convention Center, p. 432

Speaker: Ronald Levy

Cancer Cell Migration, Invasion, and Metastasis, Room 30A-C, San Diego Convention Center, p. 432

Speaker: Sara A. Courtneidge

Cancer Genome Landscapes Through Tissue and Blood-Based Molecular Analyses, Room 29A-D, San Diego Convention Center, p. 433

Speaker: Victor E. Velculescu

Cancer Pharmacogenomics: Strategies and Challenges, Ballroom 20D, San Diego Convention Center, p. 433

Speaker: Mark J. Ratain

Colorectal Cancer Risk Factors: Does Molecular Subtype Matter? Room 11, San Diego Convention Center, p. 433

Speaker: Paul J. Limburg

Disordered Histone Methylation in Hematological and Other Malignancies, Room 5, San Diego Convention Center, p. 433

Speaker: Jonathan D. Licht

Extending Genomic Profiling Towards Direct Medical Applications: From Bark to Bedside, Room 6A, San Diego Convention Center, p. 434

Speaker: Jeffrey M. Trent

The Hypoxia Transcriptome and Antiangiogenesis Therapy – Synthetic Lethality Recruited for Therapeutic Effect, Room 33A-C, San Diego Convention Center, p. 434

Speaker: Adrian L. Harris

Interpreting Genomic and High-Throughput Screening Data to Identify Novel Druggable Pathways in Cancer, Room 6CF, San Diego Convention Center, p. 434

Speaker: Michael A. Dyer

Lung Cancer Genomics*, Room 8, San Diego Convention Center, p. 435

Speaker: Roman K. Thomas

Targeting Physical Forces to Enhance Cancer Treatment, Room 25, San Diego Convention Center, p. 435

Speaker: Rakesh K. Jain

Tumor-Host Dialogue During Progression and Therapeutic Resistance: A Perspective from the Vascular Niche, Room 31A-C, San Diego Convention Center, p. 435

Speaker: Gabriele Bergers

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

Love Army of Women Panel Discussion: *im*Patient Driven Science: Engaging a Restless Public in Research*, Susan M. Love, Moderator, Room 1, San Diego Convention Center, p. 431

Speakers: Carla V. Finkielstein, Christine Fischetti, Karla Lancaster, Michele Rakoff

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

- ADV2 Advocates Poster Session 2***, Hall A-E, Poster Section 1, p. 471
- TB27 Angiogenesis 3: Translation to Therapeutics***, Hall A-E, Poster Section 2, p. 436
- TB28 Cancer Stem Cell Niche and Metastasis***, Hall A-E, Poster Section 3, p. 437
- TB29 Cancer Stem Cell Phenotype and Function 2***, Hall A-E, Poster Section 4, p. 438
- TB30 Isolation of Circulating and Disseminated Tumor Cells***, Hall A-E, Poster Section 5, p. 439
- TB31 Pediatric Cancers 2***, Hall A-E, Poster Section 6, p. 440
- TB32 Preclinical Studies in Model Organisms***, Hall A-E, Poster Section 7, p. 441
- TB33 Tumor Motility and Invasion 1***, Hall A-E, Poster Section 8, p. 442
- CG3 Environmental and Viral Carcinogenesis***, Hall A-E, Poster Section 9, p. 443
- CH5 Natural Products***, Hall A-E, Poster Section 10, p. 444
- CH6 Structural and Biophysical Approaches to Understanding Complex Biological Pathways***, Hall A-E, Poster Section 11, p. 445
- PR5 Cancer Prevention Targets and Trials***, Hall A-E, Poster Section 12, p. 446
- EP9 Molecular and Genetic Epidemiology of Breast, Ovarian, and Cervical Cancers***, Hall A-E, Poster Section 13, p. 447
- MCB39 Cell Signaling 1: Breast, Prostate, and Lung Cancer***, Hall A-E, Poster Section 14, p. 448
- MCB40 EGFR/HER2 Regulation and PI3K/AKT Signaling***, Hall A-E, Poster Section 15, p. 449
- MCB41 Energetics and the Warburg Effect***, Hall A-E, Poster Section 16, p. 450
- MCB42 Gene Expression and Transcriptional Control 4***, Hall A-E, Poster Section 17, p. 451
- MCB43 Genomic and Molecular Characterization of Cancer 1***, Hall A-E, Poster Section 18, p. 452
- MCB44 Growth Factors and Receptors***, Hall A-E, Poster Section 19, p. 453
- MCB45 In Vitro Diagnostics and Other Innovative Technologies***, Hall A-E, Poster Section 20, p. 454
- MCB46 Nuclear Oncoproteins, Tumor Suppressors, and Other Topics***, Hall A-E, Poster Section 21, p. 455
- MCB47 Regulation of MicroRNA Expression***, Hall A-E, Poster Section 22, p. 456
- MCB48 Sequencing***, Hall A-E, Poster Section 23, p. 457
- MCB49 Tumor-Stroma Interactions***, Hall A-E, Poster Section 24, p. 458
- IM7 Antigen Presentation and Immune Regulation***, Hall A-E, Poster Section 25, p. 459
- IM8 Immune Modulation in the Tumor Microenvironment***, Hall A-E, Poster Section 26, p. 460
- IM9 Inflammation and Innate Immunity***, Hall A-E, Poster Section 27, p. 461
- ET25 Cellular and Molecular Pharmacology***, Hall A-E, Poster Section 30, p. 462
- ET26 Drug Resistance 3: BRAF, MEK, ALK, and MET Inhibitors***, Hall A-E, Poster Section 31, p. 463
- ET27 Novel Preclinical Models and Assay Technology***, Hall A-E, Poster Section 32, p. 464
- ET28 Resistance to Platins, Alkylating Agents, and Temozolamide***, Hall A-E, Poster Section 33, p. 465
- ET29 Role of Microenvironment in Therapeutic Responses to Anticancer Drugs***, Hall A-E, Poster Section 34, p. 466
- ET30 Transcription Factors and Nuclear Targets***, Hall A-E, Poster Section 35, p. 467
- CL11 Prognostic Biomarkers 2***, Hall A-E, Poster Section 36, p. 468
- CL12 Symptom Burden, Side Effects, and Quality of Life/Clinical Research in Minority Populations***, Hall A-E, Poster Section 37, p. 469
- CT2 Phase II/III Clinical Trials***, Hall A-E, Poster Section 38, p. 470

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

Late-Breaking Research: Clinical Research/Clinical Endocrinology, Hall A-E, Poster Section 39, p. 472

Late-Breaking Research: Tumor Biology 4, Hall A-E, Poster Section 40, p. 472

Late-Breaking Research: Experimental and Molecular Therapeutics 2, Hall A-E, Poster Section 42, p. 472

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

Novel Therapeutic Combinations in Cancer: Principles and Practice, Levi A. Garraway, Chairperson, Hall F-G, San Diego Convention Center, p. 473

Speakers: Martin Nowak, Pasi A. Jänne, Antoni Ribas, José Baselga

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

Special Program for High School Students: The Conquest of Cancer and the Next Generation of Cancer Researchers*, Kathleen W. Scotto, Chairperson, Marina Ballroom D-E, South Tower, San Diego Marriott Marquis & Marina, p. 474

Speakers: Donald S. Coffey, Sonia Baez-Hernandez, Sanya A. Springfield, William G. Nelson

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

NCI SBIR Programs Support Technology Innovation for Cancer Detection and Treatment – with Insight Genetics*, Christie A. Canaria, Moderator, Room 28D-E, San Diego Convention Center, p. 475

Speakers: Michael Weingarten, Andrew J. Kkurtz, Eric B. Dahlhauser

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

Single Cell Analysis of the Tumor, James B. Hicks, Chairperson, Room 33A-C, San Diego Convention Center, p. 477

Speakers: James B. Hicks, Garry P. Nolan, Daniel A. Haber, David T. Ting, Peter Kuhn

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

Updates on Transdisciplinary Research on Energetics and Cancer, Kathryn H. Schmitz, Chairperson, Room 31A-C, San Diego Convention Center, p. 478

Speakers: Ruth E. Patterson, Graham A. Colditz, Jorge E. Chavarro, Kathryn H. Schmitz

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

Hepatocellular Carcinoma, Michiie Sakamoto, Chairperson, Room 7, San Diego Convention Center, p. 479

Speakers: Lars Zender, Michiie Sakamoto, Yujin Hoshida, Richard S. Finn

Invasive Bladder Cancer: Genomic Insights and Therapeutic Promise, David J. Kwiatkowski, Chairperson, Room 11, San Diego Convention Center, p. 479

Speakers: David J. Kwiatkowski, Margaret Knowles, Dan Theodorescu, Seth P. Lerner

A Systems Approach to Ovarian Cancer, Benjamin G. Neel, Chairperson, Room 5, San Diego Convention Center, p. 480

Speakers: Ronny I. Drapkin, Sandra Orsulic, James D. Brenton, Gordon B. Mills

10:30 a.m.-12:30 p.m. Clinical Trials Symposium

Novel Therapeutics, Room 25, San Diego Convention Center, p. 476

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

The 2014 Stanley J. Korsmeyer Memorial Symposium: Targeting Cell Death, Loren D. Walensky, Chairperson, Room 6A, San Diego Convention Center, p. 481

Speakers: Loren D. Walensky, Joseph T. Opferman, Sally Kornbluth, David W. Andrews

Advances in Cancer Genome Discovery: Biology to Clinic, Levi A. Garraway, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 482

Speakers: Levi A. Garraway, Hidewaki Nakagawa, Matthew L. Meyerson, Charles G. Mullighan

Application of Nanotechnology to the Treatment of Cancer Patients, Mark E. Davis, Chairperson, Room 29, San Diego Convention Center, p. 482

Speakers: Mark E. Davis, James R. Heath, Anil K. Sood, Paul A. Burke

Chromatin Alterations in Development and Disease, Sharon Y. Dent, Chairperson, Room 6CF, San Diego Convention Center, p. 483

Speakers: Sharon Y. Dent, Anjana Rao, Gerald Crabtree, Xiaobing Shi

Complexity in the Tumor Microenvironment, Mary Helen Barcellos-Hoff, Chairperson, Ballroom 20D, San Diego Convention Center, p. 483

Speakers: Mary Helen Barcellos-Hoff, Paul Frenette, A. McGarry Houghton, Eduard Batlle

Immunoprevention in Cancer, Elizabeth M. Jaffee, Chairperson, Room 6B, San Diego Convention Center, p. 484

Speakers: Elizabeth M. Jaffee, Ian Frazer, Robert Schoen, Elizabeth A. Mittendorf

MICR Scientific Symposium: Will Prognostic and Predictive Biomarkers Be Useful Tools in Cancer Disparities? Rick A. Kittles and Edith A. Perez, Co-Chairpersons, Room 1, San Diego Convention Center, p. 484

Speakers: Rick A. Kittles, Jun J. Yang, John M. Carethers, Lyndsay N. Harris, Edith A. Perez

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

Large-Scale Genomics Data for the Research Community Through the NCI Center for Cancer Genomics*, Jaime M. Guidry Auvil and Jean C. Zenklusen, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 485

Speakers: Jaime M. Guidry Auvil, Charles G. Mullighan, John M. Maris, Tanja M. Davidsen, Jean C. Zenklusen, Peter W. Laird, Chad J. Creighton, Matthew L. Meyerson, Lynda Chin

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

Career Development Plans: Designing a Blueprint for Your Dream Job, Organized by the Associate Member Council*, Grand Ballroom A-C, Level 4, Omni San Diego Hotel, p. 486

Speakers: Jennifer A. Hobin, Jeff D. Allen, Trevor K. Archer, Diane M. Simeone, Django Sussman, Manzoor A. Zarger

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

Novel Clinical Trial Designs in the Whole-Exome Era, David D. Chang and Eric H. Rubin, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 489

Speakers: Eric H. Rubin, Patricia M. Lorusso, Laura J. Esserman, Roy S. Herbst, Elizabeth Mansfield, Gideon Blumenthal

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

Pancreatic Cancer Action Network-AACR Research Grants Poster Presentation and Discussion*, Gallery 1-2, Omni San Diego Hotel, p. 487

Speakers: Lynn M. Matrisian, Steven D. Leach, Monte M. Winslow, Daolin Tang, Andrew J. Aguirre, Michael A. Hollingsworth, Pankaj K. Singh, M. C. Simon, Valerie M. Weaver, Yves Boucher, Anirban Maitra, Andrew D. Rhim, Michael G. Goggins, George A. Fisher, Yuliya Pylayeva-Gupta, Eric R. Lutz, Robert H. Vonderheide

Pediatric Cancer Working Group Special Session: Application of Genomics, Epigenomics, and Immunology Towards Improving Outcomes in Pediatric Cancer*, Lee J. Helman, Chairperson, Room 8, San Diego Convention Center, p. 490

Speakers: Javed Khan, Corinne Linardic, Elizabeth R. Lawlor, Stephan A. Grupp

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

Approaches to Post-GWAS Research: Meta-Analyses and Integration of Diverse Data Types*, Daniela Seminara, Carolyn M. Hutter, and Stefanie A. Nelson, Co-Chairpersons, Room 28D-E, San Diego Convention Center, p. 491

Speakers: Stephen J. Chanock, Li Ding, Rosalind A. Lees, Simon A. Gayther, Stephen B. Gruber, Peter Kraft

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

Managing Life's Challenges*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 493

Speakers: Aime T. Franco, Rajeev S. Samant

1:00 p.m.-2:30 p.m. Professional Advancement Session

Successfully Negotiating the Next Step of Your Career, Organized by the Associate Member Council*, Marina Ballroom G, South Tower, San Diego Marriott Marquis & Marina, p. 494

Speakers: Candace S. Johnson, Michael A. Caligiuri, Victoria M. Richon

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

Immunotherapeutic Trials, Immune Response to Targeted Agents, and Prevention, Room 1, San Diego Convention Center, p. 495

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

Exosomes and Microvesicles in Cancer, David C. Lyden, Chairperson, Room 11, San Diego Convention Center, p. 496

Speakers: Robert J. Coffey, Jeffrey L. Wrana, Gavin E. Reid, David C. Lyden

Category Codes for Poster Sessions and Minisymposia

MCB = Molecular and Cellular Biology; MD = Multidisciplinary 1;
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1:00 p.m.-3:00 p.m. Current Concepts in Organ Site Research

From Rags to Riches? Prostate Cancer in 2014, Johann S. de Bono, Chairperson, Room 30A-C, San Diego Convention Center, p. 497

Speakers: Scott A. Tomlins, Cory Abate-Shen, Peter S. Nelson, Johann S. de Bono

Neuroendocrine Cancer: Current Molecular and Genomic Strategies in Diagnosis and Management, Edward M. Wolin, Chairperson, Room 7, San Diego Convention Center, p. 497

Speakers: Edward M. Wolin, Alexandria Phan, Laura H. Tang, Irvin Modlin

Pancreatic Cancer, David A. Tuveson, Chairperson, Room 33A-C, San Diego Convention Center, p. 498

Speakers: Gregory L. Beatty, Nabeel M. Bardeesy, Kenneth W. Kinzler, David A. Tuveson

Pediatric Brain Tumors: Novel Molecular Insights and Preclinical Studies, Martine F. Roussel, Chairperson, Room 5, San Diego Convention Center, p. 499

Speakers: William A. Weiss, Nada Jabado, Eric C. Holland, Martine F. Roussel

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

Adaptive Tumor Immune Resistance, Drew M. Pardoll, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 500

Speakers: Drew M. Pardoll, Nicholas P. Restifo, Emmanuel Donnadieu, Glenn Dranoff

DNA Damage Responses, John Petrini, Chairperson, Room 29, San Diego Convention Center, p. 500

Speakers: John Petrini, Agata Smogorzewska, Michael B. Kastan, Karlene A. Cimprich

New Insights into Nonapoptotic Cell Death, Douglas R. Green, Chairperson, Room 6B, San Diego Convention Center, p. 501

Speakers: Douglas R. Green, Beth C. Levine, Michael Overholtzer, Andreas Linkermann

New Opportunities in Epigenetic Therapies, Scott A. Armstrong, Chairperson, Ballroom 20D, San Diego Convention Center, p. 501

Speakers: Maarten van Lohuizen, Scott A. Armstrong, Ryan G. Kruger, James E. Bradner

Targeting Non-Oncogene Addiction in Cancer, William C. Hahn, Chairperson, Room 6CF, San Diego Convention Center, p. 502

Speakers: William C. Hahn, Julian Downward, Stephen J. Elledge, Feroz Papa

Therapeutic Implications of Rb Status, Jacqueline Lees, Chairperson, Room 31, San Diego Convention Center, p. 502

Speakers: Jacqueline Lees, Mariano Barbacid, Robert T. Abraham, Piotr Sicinski

Transformative Clinical Trials Design, Rafael G. Amado, Chairperson, Room 6A, San Diego Convention Center, p. 503

Speakers: Rafael G. Amado, Donald A. Berry, Martine J. Piccart, Susan Geyer

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

Regulatory Perspectives in the Codevelopment of Molecular Diagnostic Tests with Targeted Therapies and Their Use in Clinical Settings, Laura J. van 't Veer, Chairperson, Room 6E, San Diego Convention Center, p. 504

Speakers: Richard D. Klausner, Mickey Williams, Geoffrey S. Kim, Andrea Ferris, Elizabeth Mansfield, Laura J. van't Veer

SCHEDULE OF EVENTS

ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

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

- TB34 Cancer Stem Cell Genomics, Epigenomics, and Biomarkers***, Hall A-E, Poster Section 1, p. 505
- TB35 Cancer Stem Cell Phenotype, Function, and Targeting***, Hall A-E, Poster Section 2, p. 506
- TB36 Model Organisms in Tumorigenesis***, Hall A-E, Poster Section 3, p. 507
- TB37 Modifiers and Predictors of Tumor Response to Radiation and Other DNA-Damaging Agents 1***, Hall A-E, Poster Section 4, p. 508
- TB38 Pediatric Cancers 3***, Hall A-E, Poster Section 5, p. 509
- TB39 Profiling and Characterization of Metastatic Cells***, Hall A-E, Poster Section 6, p. 510
- TB40 Therapeutic Approaches for Metastatic Tumors***, Hall A-E, Poster Section 7, p. 511
- TB41 Tumor Motility and Invasion 2***, Hall A-E, Poster Section 8, p. 512
- IM10 Adaptive Immunity and Immune Regulation***, Hall A-E, Poster Section 9, p. 513
- PR6 Translational Studies in Cancer Prevention***, Hall A-E, Poster Section 10, p. 514
- EP10 Cancer Survival: Exposures, Biomarkers, and Genetics***, Hall A-E, Poster Section 11, p. 515
- EP11 Molecular and Genetic Epidemiology of Lung and Head and Neck Cancers***, Hall A-E, Poster Section 12, p. 516
- MCB50 Applications of Bioinformatics to Cancer Biology***, Hall A-E, Poster Section 15, p. 517
- MCB51 Cell Signaling 2: Glioma, Melanoma, and Other Cancers***, Hall A-E, Poster Section 16, p. 518
- MCB52 Cell Signaling Inhibitors as Anticancer Agents***, Hall A-E, Poster Section 17, p. 519
- MCB53 Gene Expression and Transcriptional Control 5***, Hall A-E, Poster Section 18, p. 520
- MCB54 Genomic and Molecular Characterization of Cancer 2***, Hall A-E, Poster Section 19, p. 521
- MCB55 Imaging***, Hall A-E, Poster Section 20, p. 522
- MCB56 Metabolic Pathways and Mitochondria***, Hall A-E, Poster Section 21, p. 523

- MCB57 MicroRNA Targets 1***, Hall A-E, Poster Section 22, p. 524
- MCB58 MicroRNAs and Therapeutics***, Hall A-E, Poster Section 23, p. 525
- MCB59 Oncogenes, Growth Factors, and Signal Transducers 1***, Hall A-E, Poster Section 24, p. 526
- MCB60 Ubiquitin and Ubiquitin-like Proteins/ GTPases and Their Regulators and Targets***, Hall A-E, Poster Section 25, p. 527
- CH7 Drug Delivery***, Hall A-E, Poster Section 26, p. 528
- CH8 Enhanced Drug Delivery Through Nanotechnology and Conjugation Strategies***, Hall A-E, Poster Section 27, p. 529
- ET31 Biologic Therapy 3***, Hall A-E, Poster Section 29, p. 530
- ET32 Cell Cycle and PI3K/AKT Inhibitors***, Hall A-E, Poster Section 30, p. 531
- ET33 Cell Cycle Mechanisms of Anticancer Drug Action***, Hall A-E, Poster Section 31, p. 532
- ET34 Molecular Diagnostics***, Hall A-E, Poster Section 32, p. 533
- ET35 Novel Drug Discovery and Delivery Systems***, Hall A-E, Poster Section 33, p. 534
- ET36 Novel Therapeutic Targets***, Hall A-E, Poster Section 34, p. 535
- ET37 Pharmacokinetics and Pharmacodynamics***, Hall A-E, Poster Section 35, p. 536
- CL13 Next Generation Profiling, Clinical Therapeutics, and Survivorship Research***, Hall A-E, Poster Section 36, p. 537
- CL14 Preclinical to Clinical Translational Research***, Hall A-E, Poster Section 37, p. 538
- CL15 Prognostic Markers and Cancer Biology***, Hall A-E, Poster Section 38, p. 539

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**1:30 p.m.-3:30 p.m. Late-Breaking
Poster Sessions**

Late-Breaking Research: Prevention, Hall A-E, Poster Section 39, p. 540

Late-Breaking Research: Immunology, Hall A-E, Poster Section 41, p. 540

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

Technology Transfer and Intellectual Property: Financial and Career Opportunities for Researchers*,
Phuong Kim Pham, Chairperson, Room 28D-E, San Diego Convention Center, p. 541

Speakers: Michelle Booden, Jennifer Dyer, Bonnie Weiss McLeod, Phuong Kim Pham

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

Balancing Research and Clinical Responsibilities: What Every Physician-Scientist Should Know*,
AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 542

Speakers: Manish K. Aghi, Yael P. Mosse

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

Meet the Mentor: Undergraduate Focus*,
AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 542

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

Eighth Annual AACR Award for Outstanding Achievement in Chemistry in Cancer Research,
Ballroom 20D, San Diego Convention Center, p. 543

Speaker: Dale L. Boger

Twenty-Third Annual AACR-American Cancer Society Award for Excellence in Cancer Epidemiology and Prevention, Ballroom 20A-C, San Diego Convention Center, p. 544

Speaker: Curtis C. Harris

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

AACR-JCA Joint Symposium: Inflammation in Gastric Cancer, James G. Fox and Masanori Hatakeyama, Co-Chairpersons, Room 1, San Diego Convention Center, p. 548

Speakers: Masanori Hatakeyama, Masanobu Oshima, James G. Fox, Adam Bass

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

CIMT-AACR-CIMM Joint Session on Deciphering and Modulating T Cell Specificity in Clinically Effective Antitumor Responses, Cedrik M. Britten, Chairperson, Room 25, San Diego Convention Center, p. 548

Speakers: Sjoerd H. Van Der Burg, Steven A. Rosenberg, Pia Kvistborg, Ugur Sahin, Bent Jakobsen

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

CH9 Small Molecule Design and Optimization,
Timothy M. Ramsey and Kevin Koch, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 549

Speakers: Richard A. Ward, Laurence Mevellec, Gejing Deng, Tianbao Lu, Patrick R. Angibaud, Hilmar Weinmann, James H. Doroshow

EN3 Preclinical and Molecular Advances in Hormone-Responsive Cancers, Karen E. Knudsen and Peter S. Nelson, Co-Chairpersons, Room 11, San Diego Convention Center, p. 549

Speakers: Alissa R. Verone, Caroline H. Diep, Rika Fujii, Matthew J. Sikora, Neil A. O'Brien, James D. Joseph

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ALL SESSIONS ELIGIBLE FOR CME CREDIT UNLESS OTHERWISE NOTED.*

ET38 Mechanisms of Cellular Response to Anticancer Drugs in Solid and Hematologic Malignancies, Fernando Vidal-Vanaclocha and Edward A. Sausville, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 550

Speakers: Piro Lito, Brian Leyland-Jones, Huiyoung Yun, Steven P. Angus, Maria Gkatzamanidou, Tea Pemovska, Anna Wojtuszkiewicz

ET39 Novel Biologics as Targeted Cancer Therapy, Jonathan Yingling and Avi Ashkenazi, Co-Chairpersons, Room 5, San Diego Convention Center, p. 550

Speakers: Richard J. Rickles, Christoph A. Schatz, Byung Sik Cho, Fabiola Cervantes-Gomez, Amir Hossein Daneshmanesh, Sarah N. Chatley

MCB61 EGFR Family, PI3K, and AKT Signaling, Antonio Di Cristofano and Hossein Borghaei, Co-Chairpersons, Room 6CF, San Diego Convention Center, p. 551

Speakers: Jamie Keck, Stephen M. Rothenberg, Sarit Schwartz, Haluk Yuzugullu, Antonio Di Cristofano, Ioannis Sanidas

MCB62 Epigenetics 4, Cigall Kadoch and Alex Kentsis, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 551

Speakers: Khadijah A. Mitchell, Fides D. Lay, Orsolya Giricz, Birgit Knoechel, PEI-YIN HSU, Kevin R. Kupcho

MCB63 Noncoding RNAs as Drivers of Malignant Transformation, Muller Fabbri and George A. Calin, Co-Chairpersons, Room 29, San Diego Convention Center, p. 552

Speakers: Manuela Ferracin, Ioanna S. Sourvinou, Dmitri Wiederschain, Yee Sun Tan, Maria T. Di Martino, Malori Lankenau, Chingiz Underbayev

TB42 Elucidation and Niche Targeting of Cancer Stem Cell Epigenetic and Metabolic Alterations, Catriona H. Jamieson and John E. Dick, Co-Chairpersons, Room 6B, San Diego Convention Center, p. 552

Speakers: Stephanie Z. Xie, Eric M. Sturgill, Keigo Machida, Hayakawa Yoku, Lin Lu, Jonathan A. Pachter, Frida L. Holm

TB43 Stromal Importance in Modulating Tumor Progression, Sendurai A. Mani and Michael M. Ittmann, Co-Chairpersons, Room 33, San Diego Convention Center, p. 553

Speakers: Tsz-Lun Yeung, Roya Navab, Antonina V. Kurtova, Maria E. Gonzalez, Liping Su, Karen M. Bussard, Rui-An Wang

TB 44 Tumor Angiogenesis, James P. Quigley and Luisa Iruela-Arispe, Co-Chairpersons, Room 31, San Diego Convention Center, p. 553

Speakers: Venkatesh S. Shirure, Enrico Giraudo, Rebecca G. Bagley, Cristina L. Abrahams, Beverly L. Falcon, Simon T. Barry, Choi-Fong Cho

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

Late-Breaking
Minisymposium

Novel Drug Targets, Compounds, and Signatures of Response and Resistance, Room 8, San Diego Convention Center, p. 547

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

Clinical Trials
Minisymposium

Tumor-Specific Early Phase Clinical Trials, Room 7, San Diego Convention Center, p. 546

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

Regulatory Science and
Policy Session

Successful Oncology Drug Development: Balancing Knowledge, Speed, and Risk, Mace L. Rothenberg and Tatiana Prowell, Co-Chairpersons, Room 6E, San Diego Convention Center, p. 554

Speakers: Gwendolyn A. Fyfe, Elizabeth S. Garrett-Mayer, Charles L. Sawyers, Clifford A. Hudis, Michael A. Kolodziej

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*, AACRcentral, Exhibit Hall A-E, San Diego Convention Center, p. 555

Speakers: Sanya A. Springfield, H. Nelson Aguilu, Peter O. Ogunbiyi

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

Funding Opportunities for Cancer Research at Multiple NIH Institutes and Centers with NIH Experts*, Phuong Kim Pham, Chairperson, Room 28D-E, San Diego Convention Center, p. 556

Speakers: Rajeev K. Agarwal, Philip J. Brooks, Pamela A. Marino, Phuong Kim Pham, Syed Musaddaq Quadri, Sundar Venkatachalam

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

Nineteenth Annual AACR Joseph H. Burchenal Memorial Award for Outstanding Achievement in Clinical Cancer Research, Ballroom 20D, San Diego Convention Center, p. 557

Speaker: John F. DiPersio

Thirty-Eighth Annual AACR Richard and Hinda Rosenthal Memorial Award, Ballroom 20A-C, San Diego Convention Center, p. 558

Speaker: Jedd D. Wolchok

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

How to Achieve a Cancer Knowledge Commons Database of Cancer Genetics, Thomas J. Hudson, Moderator, Room 6CF, San Diego Convention Center, p. 559

Speakers: David Haussler, Gad Getz

Putting Molecular Science Into Clinical Trials, James H. Doroshow, Moderator, Room 6B, San Diego Convention Center, p. 559

Speakers: Jeffrey M. Trent, Pamela L. Bradley

Screening for Lung Cancer: Do We Know the Way Forward? Robert Smith, Moderator, Room 6A, San Diego Convention Center, p. 559

Speakers: Christine D. Berg, Peter P. Bach

Stereotactic Body Radiotherapy: Dose (Physics) or Biology? David R. Gius, Moderator, Room 29A-D, San Diego Convention Center, p. 560

Speakers: J. Martin Brown, Richard N. Kolesnick

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

RAS Pathway Social Interactome*, Stephen H. Friend and Frank McCormick, Co-Chairpersons, Room 1, San Diego Convention Center, p. 561

Speaker: Justin Guinney

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

Cancer Immunology (CIMM) Town Meeting and Networking Reception*, Grand Ballroom A-C, Level 4, Omni San Diego Hotel, p. 562

Speakers: Robert H. Vonderheide, Glenn Dranoff, Francesco M. Marincola, Howard L. Kaufman, Elizabeth M. Jaffee, Nina Bhardwaj

SCHEDULE OF EVENTS

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Wednesday, April 9, 2014

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

Chimeric Antigen Receptor-Based Immunotherapy for Pediatric Cancer: Progress and Challenges, Room 7, San Diego Convention Center, p. 567

Speaker: Crystal L. Mackall

Inflammation and Cancer Progression: The Tumor Microenvironment, Room 30A-C, San Diego Convention Center, p. 567

Speaker: Raymond N. DuBois

Integrating “Omic” Approaches to Identify New Therapeutic Approaches for Cancer, Room 33A-C, San Diego Convention Center, p. 567

Speaker: Kimberly Stegmaier

Large-Scale Approaches to Study Cancer Metabolism, Room 29A-D, San Diego Convention Center, p. 568

Speaker: David M. Sabatini

Oncogenic Signaling Pathways, Targeted Therapies, and Chemotherapy Resistance in T Cell Acute Lymphoblastic Leukemia, Room 11, San Diego Convention Center, p. 568

Speaker: Adolfo Ferrando

Translating Ideas into Cancer Therapeutics, Room 31A-C, San Diego Convention Center, p. 568

Speaker: Perry D. Nisen

Tumor Subtyping in Epidemiologic Studies: Lessons from the AMBER Consortium, Room 28A-C, San Diego Convention Center, p. 568

Speaker: Melissa A. Troester

Using Mouse Tumor Models to Facilitate Cancer Drug Development*, Room 5, San Diego Convention Center, p. 569

Speaker: Leisa Johnson

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

Cellular and Molecular Heterogeneity of Cancer, Suzanne J. Baker, Chairperson, Ballroom 20A-D, San Diego Convention Center, p. 570

Speakers: Peter J. Campbell, Jane E. Visvader, Timothy J. Ley, Luis F. Parada

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

TB45 Circulating and Disseminated Tumor Cells as Predictors of Tumor Metastasis*, Hall A-E, Poster Section 1, p. 571

TB46 Diversity of Microenvironmental Signaling*, Hall A-E, Poster Section 2, p. 572

TB47 Microenvironmental Cues*, Hall A-E, Poster Section 3, p. 573

TB48 Modifiers and Predictors of Tumor Response to Radiation and Other DNA-Damaging Agents 2*, Hall A-E, Poster Section 4, p. 574

TB49 Nuclear Fluorescence, Intravital Imaging, and Preclinical Probe Development*, Hall A-E, Poster Section 5, p. 575

TB50 Tumor Metastasis*, Hall A-E, Poster Section 6, p. 576

TB51 Tumor Microenvironment*, Hall A-E, Poster Section 7, p. 577

TB52 Tumor Motility and Invasion 3*, Hall A-E, Poster Section 8, p. 578

IM11 Immune Checkpoint Inhibition*, Hall A-E, Poster Section 10, p. 579

PR7 Cancer Prevention and Control*, Hall A-E, Poster Section 12, p. 580

- EP12 Molecular and Genetic Epidemiology of Genitourinary, Hematopoietic, and Brain Cancers***, Hall A-E, Poster Section 13, p. 581
- MCB64 Cell Cycle 2***, Hall A-E, Poster Section 15, p. 582
- MCB65 Drug-Induced Apoptosis***, Hall A-E, Poster Section 16, p. 583
- MCB66 Epigenetics 5: Histone Modifications***, Hall A-E, Poster Section 17, p. 584
- MCB67 Genomic and Molecular Characterization of Cancer 3***, Hall A-E, Poster Section 18, p. 585
- MCB68 MicroRNA Targets 2***, Hall A-E, Poster Section 19, p. 586
- MCB69 MicroRNAs in Hematopoietic Malignancies and in Diagnostics/Prognostics***, Hall A-E, Poster Section 20, p. 587
- MCB70 Oncogenes, Growth Factors, and Signal Transducers 2***, Hall A-E, Poster Section 21, p. 588
- MCB71 Protein Phosphatases/Signaling Pathways***, Hall A-E, Poster Section 22, p. 589
- MCB72 Proteomics***, Hall A-E, Poster Section 23, p. 590
- MCB73 Software, Databases, Algorithms, and Modeling***, Hall A-E, Poster Section 24, p. 591
- CG4 In Vivo Carcinogenesis and DNA Repair***, Hall A-E, Poster Section 26, p. 592
- CH10 Chemical Technologies***, Hall A-E, Poster Section 27, p. 593
- CH11 Targeted Therapies and Nanoparticle Strategies for Selective Drug Delivery***, Hall A-E, Poster Section 28, p. 594
- ET40 Biologic Therapy 4***, Hall A-E, Poster Section 30, p. 595
- ET41 Cellular Responses to Anticancer Drugs 1***, Hall A-E, Poster Section 31, p. 596
- ET42 Cellular Responses to Anticancer Drugs 2***, Hall A-E, Poster Section 32, p. 597
- ET43 Cellular Responses to Anticancer Drugs 3***, Hall A-E, Poster Section 33, p. 598
- ET44 Epigenetic Targets***, Hall A-E, Poster Section 34, p. 599
- ET45 Pharmacogenetics and Pharmacogenomics***, Hall A-E, Poster Section 35, p. 600

- CL16 Clinical Endocrinology***, Hall A-E, Poster Section 36, p. 601
- CL17 Novel Molecular Classifiers and Markers of Cancer***, Hall A-E, Poster Section 37, p. 602
- CT3 Early Phase Clinical Trials 2***, Hall A-E, Poster Section 38, p. 603

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

Late-Breaking Research: Epidemiology, Hall A-E, San Poster Section 40, p. 604

Late-Breaking Research: Molecular and Cellular Biology 3, Hall A-E, San Poster Section 42, p. 604

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

Second Annual AACR-CRI Lloyd J. Old Award in Cancer Immunology, Ballroom 20A-D, San Diego Convention Center, p. 605

Speaker: Robert D. Schreiber

11:00 a.m.-1:00 p.m. Current Concepts in Diagnostics and Therapeutics Research

Quantitative Models of Tumor Heterogeneity: From Clonal Diversity to Epigenetic Drift to the Microenvironment, Joe W. Gray, Chairperson, Room 11, San Diego Convention Center, p. 606

Speakers: Rosalie C. Sears, Jeffrey E. Settleman, Chris Sander, Vito Quaranta

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11:00 a.m.-1:00 p.m. **Current Concepts in Epidemiology and Prevention Research**

Genomics and Cancer Health Disparities, Timothy R. Rebbeck, Chairperson, Room 7, San Diego Convention Center, p. 607

Speakers: Vivian O. Wang, Elad Ziv, Michael B. Cook, Timothy R. Rebbeck

Leveraging Electronic Medical Records for Cancer Research, Lawrence H. Kushi, Chairperson, Room 28A-C, San Diego Convention Center, p. 608

Speakers: Jennifer Cullen, Richard Schwab, Rebecca Hubbard, Lawrence H. Kushi

11:00 a.m.-1:00 p.m. **Current Concepts in Organ Site Research**

Melanoma Therapeutic Targeting and Drug Resistance, Roger S. Lo, Chairperson, Room 33A-C, San Diego Convention Center, p. 609

Speakers: Roger S. Lo, Michael A. Davies, Richard M. Marais, Caroline Robert

New Horizons in Sarcoma Research, Lee J. Helman, Chairperson, Room 25A-C, San Diego Convention Center, p. 609

Speakers: Lee J. Helman, Poul H. B. Sorensen, M. Celeste Simon, Cigall Kadoch

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

Chemical Genetics and Biology, Nathanael Gray, Chairperson, Room 6CF, San Diego Convention Center, p. 610

Speakers: Nathanael Gray, John Tallarico, Benjamin F. Cravatt, Kevan M. Shokat

Discovery and Clinical Application of Germline Sequencing for Cancer Risk in the GAME-ON Consortia, David J. Hunter, Chairperson, Room 31, San Diego Convention Center, p. 610

Speakers: David J. Hunter, Rosalind A. Eeles, Thomas A. Sellers, Ulrike Peters

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Speakers: Michael Karin, Timothy C. Wang, Zena Werb, Ming Li

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