



# Program

Continuing Medical Education Activity  
AMA PRA Category 1 Credit(s)<sup>™</sup> Available

2012

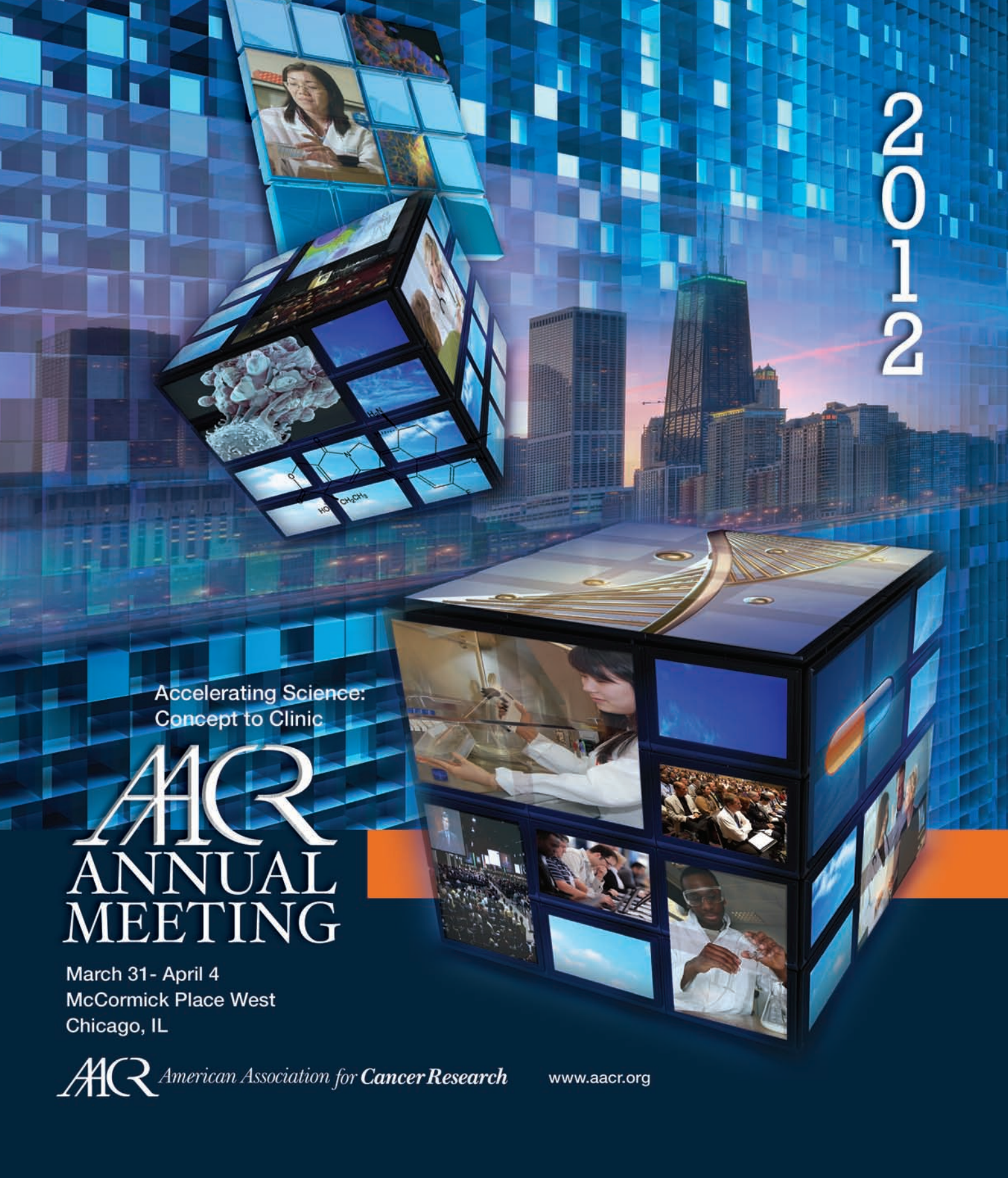
Accelerating Science:  
Concept to Clinic

# ACR ANNUAL MEETING

March 31- April 4  
McCormick Place West  
Chicago, IL

**ACR** American Association for Cancer Research

[www.aacr.org](http://www.aacr.org)



## Saturday, March 31, 2012

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

**Advances in Chemoprevention**, Powel Brown, Chairperson, McCormick Place West, Room W179, p. 129

[CME]

**Speakers:** Powel Brown, Patrick M. Lynch, Eva Szabo, Ian M. Thompson

**Androgen Receptors: Recent Advances in Targeting the Androgen Receptor for Prostate Cancer Prevention and Therapy**, Steven P. Balk, Chairperson, McCormick Place West, Room W184, p. 130

[CME]

**Speakers:** Steven P. Balk, Peter S. Nelson, Marianne Sadar, Nancy L. Weigel

**BRCA, Genomics, and Women's Health: A Global Perspective**, Olufunmilayo I. Olopade, Chairperson, McCormick Place West, Room W181, p. 130

[CME]

**Speakers:** Simon A. Gayther, Georgia Chenevix-Trench, Jeffrey N. Weitzel, Angela R. Bradbury

**Cancer Signaling**, Marcelo G. Kazanietz, Chairperson, McCormick Place South, Room S102, p. 131

[CME]

**Speakers:** Alex Toker, Alan P. Fields, Marcelo G. Kazanietz, Kerry L. Burnstein

**Established and Emerging Targets in Lung Cancer**, Pasi A. Jänne, Chairperson, McCormick Place South, Room S105, p. 131

[CME]

**Speakers:** Peter S. Hammerman, Julien Sage, Karen Cichowski, Trever G. Bivona

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 1: Targeting Tumor Heterogeneity with Novel Agent Combination Strategies**, Matthew V. Lorenzi, Chairperson,

McCormick Place West, Room W190, p. 132

[CME]

**Speakers:** Matthew V. Lorenzi, Jeffrey Settleman, Richard L. Schilsky, Channing J. Der

**The Hypoxic Tumor Microenvironment as a Target for Cancer Therapy**, Giovanni Melillo, Chairperson, McCormick Place West, Room W192, p. 132

[CME]

**Speakers:** Giovanni Melillo, Juri G. Gelovani, William R. Wilson, Adrian L. Harris

**Molecular and Systems Pathology in Human Cancer: From Translational Research to Clinical Practice**, Carlos Cordon-Cardo, Chairperson, McCormick Place West, Room W470, p. 133

[CME]

**Speakers:** Ila Singh, Janina A. Longtine, Julide T. Celebi, Carlos Cordon-Cardo

**Nonapoptotic Cell Death Mechanisms: Autophagy, Necroptosis, and Beyond**, Guido Kroemer, Chairperson, McCormick Place West, Room W196, p. 133

[CME]

**Speakers:** Guido Kroemer, Eric H. Baehrecke, Seamus J. Martin, Simone Fulda

**Nutritionally Based Cancer Risk Reductive Interventions**, Dean E. Brenner, Chairperson, McCormick Place West, Room W178, p. 134

[CME]

**Speakers:** Madhuri Kakarala, Stephen D. Hursting, Dean E. Brenner, William P. Steward

**Tumor Immunology for the Non-Immunologist**, Hyam I. Levitsky, Chairperson, McCormick Place West, Room W183 B/C, p. 134

[CME]

**Speakers:** Wolf H. Fridman, Hyam I. Levitsky, Eduardo M. Sotomayor, Michel Sadelain



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

**Clinical Research: From Biology to Changing Standards of Care**, Maha H. Hussain, Chairperson, McCormick Place South, Room S103, p. 135

[CME]

**Speakers:** Maha H. Hussain, Richard B. Gaynor, Anthony J. Murgo, Stephen L. George

**GWAS**, Christopher A. Haiman, Chairperson, McCormick Place South, Room S106, p. 135

[CME]

**Speakers:** Kenneth Offit, David J. Duggan, David Conti, Matthew L. Freedman

**Modeling Pediatric Malignancy**, A. Thomas Look, Chairperson, McCormick Place West, Room W187, p. 136

[CME]

**Speakers:** Charles Keller, David M. Langenau, W. Brent Derry, A. Thomas Look

**Seq-ing the Future of Cancer**, X. Shirley Liu, Chairperson, McCormick Place West, Room W185, p. 136

[CME]

**Speakers:** X. Shirley Liu, Gordon L. Hager, Ting Wang, W. Lee Kraus

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

**Cancer and Biomedical Research Career Fair**, McCormick Place West, Room W375A (Skyline Ballroom), p. 137

## 9:30 a.m.-11:30 a.m. Special Session

**Writing a Successful Career Development Award: Tips and Pitfalls**, McCormick Place West, Room W194, p. 137

**Speakers:** Roy S. Weiner, Ellen W. Seely, Victoria Lin Bae-Jump

## 10:00 a.m.-12:00 p.m. Educational Session/Tutorial

**Cancer Immunology for the Non-Immunologist - Tutorial**, Suzanne Ostrand-Rosenberg and Olivera J. Finn, Co-Chairpersons, McCormick Place West, Room W180, p. 138

[CME]

**Faculty:** Hyam I. Levitsky, Francesco M. Marincola, Louis M. Weiner, Michael A. Caligiuri, Anna Karolina Palucka, Mario P. Colombo, John G. Frelinger, Bernard A. Fox, David M. Lubaroff, Gregory E. Plautz, Elizabeth A. Repasky, Weiping Zou, Olivera J. Finn, Suzanne L. Topalian, Julie Y. Djeu

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

**Cancer Survivorship: Role of Nutrition, Dietary Supplements, Physical Activity, and Weight Loss**, Susan T. Mayne, Chairperson, McCormick Place West, Room W178, p. 139

[CME]

**Speakers:** Susan T. Mayne, Melinda L. Irwin, Cheryl L. Rock, Wendy Demark-Wahnefried

**Cancer Vaccines**, Nina Bhardwaj, Chairperson, McCormick Place South, Room S102, p. 139

[CME]

**Speakers:** Carl G. Figdor, Cornelis J. M. Melief, Sacha Gnjjatic, F. Stephen Hodi

**Cell Cycle and Cancer**, Piotr Sicinski, Chairperson, McCormick Place South, Room S103, p. 140

[CME]

**Speakers:** Terry L. Orr-Weaver, René H. Medema, Jiri Bartek, Kei-Ichi Nakayama, Piotr Sicinski

**Early Life Exposures in Cancer Etiology**, Lawrence H. Kushi, Chairperson, McCormick Place West, Room W179, p. 140

[CME]

**Speakers:** Randy L. Jirtle, Cheryl L. Walker, Michele R. Forman, Lawrence H. Kushi

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 2: Challenges Validating New Targets for Cancer Drug Discovery**, Dale A. Porter, Chairperson, McCormick Place West, Room W190, p. 141

[CME]

**Speakers:** Dale A. Porter, Frank P. Stegmeier, Michael J. Zinda, C. Glenn Begley

**Myelodysplastic Syndromes: New Pathways and Treatment**, Olivier Bernard, Chairperson, McCormick Place South, Room S105, p. 141

[CME]

**Speakers:** Michaela Fontenay, Seishi Ogawa, Timothy Graubert, David P. Steensma

**Nuclear Receptors as Therapeutic Targets in Cancer**, Donald P. McDonnell, Chairperson, McCormick Place West, Room W185, p. 142

[CME]

**Speakers:** Orla M. Conneely, Vincent Giguère, Carol Lange, John D. Minna

**The Role of Infectious Agents in Cancer**, Larry Corey, Chairperson, McCormick Place South, Room S106, p. 142

[CME]

**Speakers:** Timothy R. Rebbeck, Corey Casper, Stephen J. Polyak, Sankar Swaminathan

**Targeting the Epigenome to Treat Cancer**, Ricky W. Johnstone, Chairperson, McCormick Place West, Room W183 B/C, p. 142

[CME]

**Speakers:** Ricky W. Johnstone, Robert A. Copeland, Johannes Zuber, Mark A. Dawson

**Understanding Cancer Metabolism Pathways**, Navdeep S. Chandel, Chairperson, McCormick Place West, Room W196, p. 143

[CME]

**Speakers:** Matthew G. Vander Heiden, Ralph J. DeBerardinis, Nissim Hay, Georgia Hatzivassiliou

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

**Engineering T-Cell Therapy for Antitumor Effects in Humans**, Helen E. Heslop, Chairperson, McCormick Place West, Room W470, p. 144

[CME]

**Speakers:** Helen E. Heslop, Richard J. O'Reilly, Mark E. Dudley, Laurence Cooper

**Molecular Imaging**, E. G. Elisabeth De Vries, Chairperson, McCormick Place West, Room W192, p. 144

[CME]

**Speakers:** Anna M. Wu, E. G. Elisabeth De Vries, Go M. van Dam, Samuel Achilefu

**Phase II Trials: Are We Asking Too Much?** Elizabeth S. Garrett-Mayer, Chairperson, McCormick Place West, Room W184, p. 145

[CME]

**Speakers:** Susan G. Hilsenbeck, Gary M. Clark, Elizabeth S. Garrett-Mayer, Charles M. Rudin

**Target Identification for Drugs and Bioactive Small Molecules**, Shao-En Ong, Chairperson, McCormick Place West, Room W187, p. 145

[CME]

**Speakers:** Shao-En Ong, Sheng Ding, Jing Huang, Markus Schirle

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

**Seventh Annual Undergraduate Student Caucus and Poster Competition**, Kathleen W. Scotto, Chairperson, Hyatt Conference Center, Regency Ballroom, p. 146

**Speakers:** Donald S. Coffey, Benjamin G. Neel, Oliver Bögler, Miles H. Fuller

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

**15th Annual Grant Writing Workshop, Organized by the Associate Member Council**, Palmer House Hilton, Adams Room, p. 147

**Speakers:** Lawrence J. Marnett, Jonathan S. Wiest, Victoria L. Seewaldt, Thomas A. Sellers

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

**Antibody Engineering: Beyond Ehrlich's Wildest Dreams**, Hyam I. Levitsky, Chairperson, McCormick Place South, Room S106, p. 148

[CME]

**Speakers:** Hyam I. Levitsky, Pablo Umana, Patrick A. Baeuerle, Gail L. Phillips

**Beyond GWAS: Genes, Environment, and Rare Variants**, Ulrike Peters, Chairperson, McCormick Place West, Room W181, p. 148

[CME]

**Speakers:** Peter L. Kraft, Carolyn M. Hutter, Stacey Gabriel, Cristen Willer

**Cancer Stem Cells: New Insights from New Approaches**, Connie J. Eaves, Chairperson, McCormick Place West, Room W196, p. 149

[CME]

**Speakers:** Ali G. Turhan, R. Keith Humphries, Hanno Glimm, Carla F. Kim

**Current Challenges in Molecular Marker Research**, David F. Ransohoff, Chairperson, McCormick Place West, Room W184, p. 149

[CME]

**Speakers:** Daniel F. Hayes, Lisa M. McShane, David F. Ransohoff

**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, McCormick Place West, Room W190, p. 150

[CME]

**Speakers:** Michael J. Luzzio, Michael Shultz, Robert L. Hoffman, John Flygare, Joseph P. Lyssikatos

**The Genetic Basis of Cancer Susceptibility: Molecular Testing to Clinical Surveillance**, David Malkin, Chairperson, McCormick Place West, Room W179, p. 150

[CME]

**Speakers:** David Malkin, Joshua D. Schiffman, Rosanna Weksberg, Yael P. Mosse

**Melanoma: Moving Beyond BRAF**, Michael A. Davies, Chairperson, McCormick Place South, Room S105, p. 151

[CME]

**Speakers:** Michael A. Davies, Keiran S. Smalley, Scott Woodman, Boris C. Bastian

**Myeloid Cells and Immune Reprogramming in Solid Tumors: New Targets for Therapy**, Lisa M. Coussens, Chairperson, McCormick Place West, Room W185, p. 152

[CME]

**Speakers:** Mikael J. Pittet, Luisa Iruela-Arispe, Michele De Palma, Anna Karolina Palucka

**Novel Targets in Hematologic Malignancies**, Elizabeth A. Eklund, Chairperson, McCormick Place South, Room S102, p. 152

[CME]

**Speakers:** Martin Carroll, Jolanta Grembecka, Hetty E. Carraway, Elizabeth A. Eklund

**Targeting the p53 Tumor Suppressor Pathway in Cancer Therapy**, James J. Manfredi, Chairperson, McCormick Place West, Room W470, p. 153

[CME]

**Speakers:** James J. Manfredi, David P. Lane, Lyubomir T. Vassilev, Jennifer A. Pietenpol

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

**Measuring DNA Repair Status in the Clinic: Biomarker Analyses and Incorporation Into Clinical Trials**, Robert G. Bristow, Chairperson, McCormick Place West, Room W192, p. 154

[CME]

**Speakers:** Laura J. Niedernhofer, Thomas Helleday, Simon N. Powell, Robert G. Bristow

**Next-Generation Sequencing: Issues Moving into the Clinical Arena**, Katherine L. Nathanson, Chairperson, McCormick Place West, Room W183 B/C, p. 154

[CME]

**Speakers:** Leslie G. Biesecker, Gail Jarvik, Katherine L. Nathanson, Victor E. Velculescu

**Omics Approach to Adaptive Clinical Trials**, Donald A. Berry, Chairperson, McCormick Place South, Room S103, p. 155

[CME]

**Speakers:** Laura J. Esserman, Donald A. Berry, Joe W. Gray, Laura J. Van 't Veer

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

**Getting Your Research Published: Insider Views**, Michael A. Caligiuri, Chairperson, Hilton Chicago, International Ballroom South, p. 156

**Speakers:** Susan E. Bates, Cory Abate-Shen, Bruce R. Zetter

## 1:00 p.m.-4:00 p.m. Professional Advancement Session

**Managing for Results in Today's Challenging Climate**, Nancy H. Colburn and Sonya D. Zabludoff, Co-Chairpersons, Hyatt Conference Center, Room CC12 A-D, p. 156

**Speaker:** Margaret L. Kripke

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

**Adoptive Cell Therapy for Metastatic Cancer Using Naturally Occurring and Gene-Modified T Cells**, McCormick Place West, Room W183 B/C, p. 157

[\[CME\]](#)

**Speaker:** Steven A. Rosenberg

**Biological Responses to Tumor Hypoxia and Their Potential as Therapeutic Targets**, McCormick Place West, Room W181, p. 157

[\[CME\]](#)

**Speaker:** Brad G. Wouters

**The Chemical Basis of Pharmacology**, McCormick Place West, Room W187, p. 157

[\[CME\]](#)

**Speaker:** Brian Shoichet

**Epigenetic Control of Metastatic Prostate Cancer**, McCormick Place South, Room S102, p. 158

[\[CME\]](#)

**Speaker:** Karen Cichowski

**New Functions of APC in Regulating DNA Methylation Dynamics: Implications for Colorectal Cancer Initiation and Progression**, McCormick Place West, Room W470, p. 158

[\[CME\]](#)

**Speaker:** David A. Jones

**Stem Cells, Cancer, and Cancer Stem Cells**, McCormick Place West, Room W196, p. 158

[\[CME\]](#)

**Speaker:** Geoffrey M. Wahl

## 3:15 p.m.-4:45 p.m. Science Policy Session

**The Outlook for Cancer Research Funding in Fiscal Year 2013 and Beyond: The Increasingly Important Role of the AACR and the Broader Cancer Research Community**, Jon G. Retzlaff, Moderator, McCormick Place West, Room W178, p. 159

**Speakers:** Wendy Selig, Amy Bulman

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

**Bench-To-Bedside Development of Next-Generation Immunotherapies**, Larry W. Kwak, Chairperson, McCormick Place West, Room W184, p. 160

[\[CME\]](#)

**Speakers:** Laurence Zitvogel, Drew M. Pardoll, Yong-Jun Liu, Larry W. Kwak

**Chemical Strategies for Modulating Protein-Protein Inhibition**, James E. Bradner, Chairperson, McCormick Place West, Room W192, p. 160

[\[CME\]](#)

**Speakers:** Stephen W. Fesik, Tomi Sawyer, Guowei Fang, Jun Qi

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development, Part 4: Chemical Development: Translating a Potent Agent into a Registered Product**, Stephen A. Munk, Chairperson, McCormick Place West, Room W190, p. 161

[\[CME\]](#)

**Speakers:** Stephen A. Munk, David Mitchell, Sanjeev Redkar, Gita Shankar

**Interrupting the PI3K-AKT-mTOR Pathway in Cancer Therapy**, Steven Grant, Chairperson, McCormick Place South, Room S105, p. 161

[\[CME\]](#)

**Speakers:** Phillip A. Dennis, Jeffrey A. Engelman, David B. Solit, Leonidas C. Platanias

**Introduction to Interpretation of Clinical Trial Results: A Primer for Basic Scientists**, Lee M. Ellis and Philippe L. Bedard, Co-Chairpersons, McCormick Place South, Room S106, p. 162

[\[CME\]](#)

**Speakers:** Lee M. Ellis, Emile E. E. Voest, Philippe L. Bedard, Mark J. Ratain, Ian F. Tannock

**Molecular Mechanisms of Mature B-Cell Neoplasia**, P. Lief Bergsagel, Chairperson, McCormick Place South, Room S103, p. 162

[CME]

**Speakers:** Riccardo Dalla-Favera, Randy D. Gascoyne, Sami N. Malek, P. Lief Bergsagel

**Prostate Cancer Mouse Models**, Michael M. Shen, Chairperson, McCormick Place West, Room W185, p. 163

[CME]

**Speakers:** Michael M. Shen, Simon W. Hayward, Eva Corey, Brett S. Carver

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

**Chk1 Kinase Inhibitors: How to Enable Cell Cycle Therapies in the Clinic**, McCormick Place West, Room W179, p. 164

[CME]

**Speaker:** Peter K. Jackson

**Genetic Epidemiology of Ovarian Cancer: Past and Present**, McCormick Place South, Room S102, p. 164

[CME]

**Speaker:** Thomas A. Sellers

**Genetic Pathways Leading to Therapy-Related Myeloid Neoplasms**, McCormick Place West, Room W470, p. 164

[CME]

**Speaker:** Michelle M. Le Beau

**The Leukemia Bone Marrow Niche**, McCormick Place West, Room W187, p. 164

[CME]

**Speaker:** Dorothy A. Sipkins

**Translational Control of Cancer**, McCormick Place West, Room W183 B/C, p. 165

[CME]

**Speaker:** Nahum Sonenberg

**Undruggable Therapeutic Targets and How to Target Them**, McCormick Place West, Room W181, p. 165

[CME]

**Speaker:** Jeffrey A. Toretzky

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

**Fifteenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lectureship**, McCormick Place West, Room W196, p. 166

[CME]

**Speaker:** Lisa M. Coussens

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

**Fifty-Second Annual AACR-G.H.A. Clowes Memorial Award**, McCormick Place South, Room S100 (Grand Ballroom), p. 167

[CME]

**Speaker:** Alan D. D'Andrea

**5:30 p.m.-8:00 p.m. Professional Advancement Session**

**Careers in Clinical and Translational Research Roundtable**, Raymond N. DuBois, Chairperson, Hilton Chicago Hotel, International Ballroom South, p. 168

**Speakers:** Raymond N. DuBois, David M. Reese, James H. Doroshov

## Sunday, April 1, 2012

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

**Assaying Activation of the Cancer Kinome En Masse**, McCormick Place West, Room W187, p. 169

[CME]

**Speaker:** Gary L. Johnson

**Deregulation of Stem Cell Self Renewal Pathways in Cancer**, McCormick Place West, Room W184, p. 169

[CME]

**Speaker:** Michael F. Clarke

**Heat Shock Proteins and Their Pharmacologic Inhibitors in Cancer**, McCormick Place West, Room W181, p. 170

[CME]

**Speaker:** Paul Workman

## How Does *H. Pylori* Cause Gastric Carcinoma?

McCormick Place South, Room S106, p. 170

[\[CME\]](#)

**Speaker:** Masanori Hatakeyama

## Lessons From Clinical Trials of Targeted Therapy in Cancer

McCormick Place South, Room S105, p. 170

[\[CME\]](#)

**Speaker:** George W. Sledge

## Lung Cancer Screening: The Long Way Towards a Public Health Screening Program for High-Risk Individuals: Where Are We Now in Europe?

McCormick Place West, Room W190, p. 170

[\[CME\]](#)

**Speaker:** Eugenio Paci

## Molecular Bases for APL Cure by Arsenic and Retinoic Acid

McCormick Place South, Room S102, p. 171

[\[CME\]](#)

**Speaker:** Hugues de The

## Molecular Characterization of Circulating Tumor Cells

McCormick Place West, Room W183 B/C, p. 171

[\[CME\]](#)

**Speaker:** Daniel A. Haber

## T-Cell Engineering and the New Cancer Immunotherapies

McCormick Place South, Room S103, p. 171

[\[CME\]](#)

**Speaker:** Michel Sadelain

## Targeting the Ubiquitin-Proteasome System with Small Molecules

McCormick Place West, Room W470, p. 172

[\[CME\]](#)

**Speakers:** Randall W. King

## An Update on the Rapidly Emerging BAP1 Story: Connecting the Ubiquitin Epigenetic Code to Tumor Suppression

McCormick Place West, Room W185, p. 172

[\[CME\]](#)

**Speaker:** Frank J. Rauscher, III

## Using Quantitative Phosphoproteomics to Connect Genetics to Phenotype

McCormick Place West, Room W192, p. 172

[\[CME\]](#)

**Speaker:** Forest M. White

## 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, McCormick Place West, Room W194, p. 173

**Speakers:** Suresh Mohla, Angela Y. Ng

## 8:15 a.m.-9:15 a.m. Opening Ceremony

McCormick Place West, Room W375 (Skyline Ballroom)

### Sixth Annual AACR Team Science Award, p. 175

**Recipients:** The ICR and Royal Marsden Hospital: CRUK Cancer Therapeutics & Drug Development Units

### 2012 AACR Distinguished Service Award, p. 176

**Recipient:** Bayard D. Clarkson, M.D.

### Sixth Annual AACR Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research, p. 178

**Recipient:** John Mendelsohn

### Ninth Annual AACR Award for Lifetime Achievement in Cancer Research, p. 179

**Recipient:** Beatrice Mintz, Ph.D.

### 2012 AACR Distinguished Public Service Award, p. 180

**Recipients:** Giuseppe Bernardi, M.D.

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

**The Cancer Biology Revolution: From Concept to Clinic**, Benjamin G. Neel, Chairperson, McCormick Place West, Room W375 (Skyline Ballroom), p. 182

[\[CME\]](#)

**Speakers:** Elaine Mardis, William R. Sellers, James P. Allison, Nubia Muñoz, Danny F. Reinberg, Louis M. Staudt, Jonathan D. Licht



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

**NCI Funding and Training Opportunities in Cancer Research**, Jonathan S. Wiest and Ming Lei, Co-Chairpersons, McCormick Place West, Room W194, p. 184

**Speakers:** Jonathan S. Wiest, Ming Lei

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

**What Is the Origin of Serous Ovarian Carcinoma: Surface Epithelium vs. Distal Fallopian Tube?**

Beth Y. Karlan, Moderator, McCormick Place West, Room W190, p. 185

[CME]

**Panel:** Ronny I. Drapkin, Ernst R. Lengyel

## 1:00 p.m.-3:00 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention

**Aging and Cancer: Can We Do One Without the Other?** Ronald A. DePinho and Elizabeth H. Blackburn, Co-Chairpersons, McCormick Place West, Room W470, p. 186

[CME]

**Speakers:** Elizabeth H. Blackburn, Ronald A. DePinho, Leonard P. Guarente, Cynthia Kenyon

**Antibody Drug Conjugates: Advances in Understanding the Structure-Function Relationship**, Emma M. Lees and Hanspeter Gerber, Co-Chairpersons, McCormick Place West, Room W181, p. 186

[CME]

**Speakers:** Puja Sapra, Ian E. Krop, Peter D. Senter, Paul G. Polakis

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

**Adult and Pediatric Brain Tumors: Current Concepts and Controversies**, Luis F. Parada and Susan Chang, Co-Chairpersons, McCormick Place West, Room W179, p. 187

[CME]

**Speakers:** Luis F. Parada, Antonio Iavarone, Gabriele Bergers, Rosalind A. Segal

**Current Concepts in Lung Cancer Research**, Matthew L. Meyerson and Alex A. Adjei, Co-Chairpersons, McCormick Place West, Room W192, p. 187

[CME]

**Speakers:** Matthew L. Meyerson, Denise R. Aberle, Takashi Kohno, Alex A. Adjei

**Thyroid Cancer Induced by Radiation: Epidemiology, Clinical Features, and Molecular Pathways**, Yuri E. Nikiforov and Elizabeth Cardis, Co-Chairpersons, McCormick Place South, Room S106, p. 188

[CME]

**Speakers:** Vladimir Drozdovitch, Elizabeth Cardis, Arthur B. Schneider, Yuri E. Nikiforov

## 1:00 p.m.-3:00 p.m. Drug Development: Special Session

**New Drugs on the Horizon 1**, Lori S. Friedman and Simon Bailey, Co-Chairpersons, McCormick Place South, Room S103, p. 189

[CME]

**Speakers:** Christine M. Fritsch, Richard Wooster, Katherine Galvin, Suresh G. Shelat

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

**Can Cancer Prevention Be Individualized?** Gad Rennert, Chairperson, McCormick Place South, Room S102, p. 190

[CME]

**Speakers:** Margaret R. Spitz, John C. Mathers, Gad Rennert, Zvi Livneh

**Chromatin and the Epigenome as Drug Targets**, Cheryl Arrowsmith, Chairperson, McCormick Place West, Room W184, p. 190

[CME]

**Speakers:** Cheryl Arrowsmith, Victoria M. Richon, Dashyant Dhanak, James E. Bradner

**Control of Metabolic Pathways and Cancer**, Reuben J. Shaw, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 191

[CME]

**Speakers:** Craig B. Thompson, Joan S. Brugge, Eyal Gottlieb, Reuben J. Shaw

**Metastasis-Initiating Cells and Niches**, Joan Massagué, Chairperson, McCormick Place West, Room W196, p. 191

[\[CME\]](#)

**Speakers:** Joan Massagué, Elaine Fuchs, David T. Scadden, Ben Z. Stanger

**microRNAs and Cancer**, Yibin Kang, Chairperson, McCormick Place West, Room W183 B/C, p. 192

[\[CME\]](#)

**Speakers:** George A. Calin, Sohail Tavazoie, Thomas Brabletz, Yibin Kang

**Nontraditional Targets of Small-Molecule Therapeutics: Emerging Technologies in the Post-Antibody Era**, Hiroaki Suga, Chairperson, McCormick Place West, Room W185, p. 192

[\[CME\]](#)

**Speakers:** Gregory L. Verdine, Anthony A. Kossiakoff, Gregory Winter, Hiroaki Suga

**Posttranslational Modifications in DNA Repair**, Daniel Durocher, Chairperson, McCormick Place South, Room S105, p. 193

[\[CME\]](#)

**Speakers:** Helle D. Ulrich, Ronald T. Hay, Michael B. Yaffe, Daniel Durocher

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

**Highly Adaptive Trials in Drug Development: Scientific and Regulatory Considerations**, Eric H. Rubin, Chairperson, McCormick Place West, Room W187, p. 194

[\[CME\]](#)

**Speakers:** Stuart Bailey, Donald A. Berry, Keaven Anderson

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

**MCB1 Cell Receptor Oncogenes**, McCormick Place West, Exhibit Hall, Poster Section 1, p. 195

### Category Codes for Poster Sessions and Minisymposia

MCB = Molecular and Cellular Biology; 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

**MCB2 Cell-Cell Interactions**, McCormick Place West, Exhibit Hall, Poster Section 2, p. 196

**MCB3 Disease-Specific Oncogenes and Tumor Suppressors**, McCormick Place West, Exhibit Hall, Poster Section 3, p. 197

**MCB4 Functional Identification of Novel Cancer Genes**, McCormick Place West, Exhibit Hall, Poster Section 4, p. 198

**MCB5 microRNA Expression Regulation: New Players, Old Tricks**, McCormick Place West, Exhibit Hall, Poster Section 5, p. 199

**MCB6 New Technologies and Therapeutics**, McCormick Place West, Exhibit Hall, Poster Section 6, p. 200

**MCB7 Noncoding RNAs and Cancer: The New Link**, McCormick Place West, Exhibit Hall, Poster Section 7, p. 201

**MCB8 Posttranslational Modifications**, McCormick Place West, Exhibit Hall, Poster Section 8, p. 202

**MCB9 Regulation of Apoptosis**, McCormick Place West, Exhibit Hall, Poster Section 9, p. 203

**MCB10 Therapeutic Modulation of Gene Expression**, McCormick Place West, Exhibit Hall, Poster Section 10, p. 204

**TB1 Chemokines and Cell Signaling in Microenvironment**, McCormick Place West, Exhibit Hall, Poster Section 11, p. 205

**TB2 Genetic Basis of EMT-MET 1**, McCormick Place West, Exhibit Hall, Poster Section 12, p. 206

**TB3 Imaging of Molecular and Cellular Events in Tumors and Tumor Cells**, McCormick Place West, Exhibit Hall, Poster Section 13, p. 207

**TB4 Inflammatory and Immune Cells in Microenvironment**, McCormick Place West, Exhibit Hall, Poster Section 14, p. 208

**TB5 Markers of Cancer Stem and iPS Cells**, McCormick Place West, Exhibit Hall, Poster Section 15, p. 209

**TB6 Metastasis Biomarkers**, McCormick Place West, Exhibit Hall, Poster Section 16, p. 210

**TB7 Migration and Invasion 1**, McCormick Place West, Exhibit Hall, Poster Section 17, p. 211

**TB8 Migration and Invasion 2**, McCormick Place West, Exhibit Hall, Poster Section 18, p. 212

**IM1 Tumor Immunobiology 1**, McCormick Place West, Exhibit Hall, Poster Section 19, p. 213

- CG1** **Hormonal and Viral Carcinogenesis**, McCormick Place West, Exhibit Hall, Poster Section 20, p. 214
- PR1** **Preclinical Prevention Studies 1: Breast and Prostate Cancer Prevention**, McCormick Place West, Exhibit Hall, Poster Section 21, p. 215
- PR2** **Preclinical Prevention Studies 2: Cellular and Animal Models**, McCormick Place West, Exhibit Hall, Poster Section 22, p. 216
- EP1** **Diet, Alcohol, Smoking, and Other Lifestyle Factors 1**, McCormick Place West, Exhibit Hall, Poster Section 23, p. 217
- EP2** **Diet, Alcohol, Smoking, and Other Lifestyle Factors 2**, McCormick Place West, Exhibit Hall, Poster Section 24, p. 218
- CL1** **Biomarkers of Breast Cancer**, McCormick Place West, Exhibit Hall, Poster Section 25, p. 219
- CL2** **Biomarkers of Pancreatic, Hepatobiliary, Head and Neck, and Esophageal Cancers**, McCormick Place West, Exhibit Hall, Poster Section 26, p. 220
- CL3** **Clinical Trials in Radiation Oncology/Regulatory Science**, McCormick Place West, Exhibit Hall, Poster Section 27, p. 221
- CL4** **Pharmacokinetics and Biodistribution/Biostatistics in Clinical Trials**, McCormick Place West, Exhibit Hall, Poster Section 28, p. 222
- ET1** **Approaches to Developing Therapeutic Combinations**, McCormick Place West, Exhibit Hall, Poster Section 29, p. 223
- ET2** **Biomarkers of Resistance and Sensitivity**, McCormick Place West, Exhibit Hall, Poster Section 30, p. 224
- ET3** **Chemoresistance and Sensitivity**, McCormick Place West, Exhibit Hall, Poster Section 31, p. 225
- ET4** **Kinase and Phosphatase Inhibitors 1**, McCormick Place West, Exhibit Hall, Poster Section 32, p. 226
- ET5** **New Models, Screens, and Diagnostics for Target Identification**, McCormick Place West, Exhibit Hall, Poster Section 33, p. 227
- ET6** **New Targets in Signal Transduction**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 228
- ET7** **Pharmacology, Pharmacogenetics, and Pharmacogenomics 1**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 229

- EN1** **Steroid Hormone Receptor and Growth Factor Actions in Cancer 1**, McCormick Place West, Exhibit Hall, Poster Section 36, p. 230

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

**Cancer Chemistry**, McCormick Place West, Exhibit Hall, Poster Section 40

**Molecular and Cellular Biology 1**, McCormick Place West, Exhibit Hall, Poster Section 37

**1:30 p.m.-2:30 p.m. Meet and Greet**

**Meet the AACR President: Judy E. Garber**, McCormick Place West, Exhibit Hall, AACRcentral, p. 231

**2:00 p.m.-3:30 p.m. NCI/NIH-Sponsored Session**

**The Cancer Genome Atlas (TCGA) – A Rapidly Expanding Community Resource: Status Review of Data Dissemination**, Kenna Shaw, Chairperson, McCormick Place West, Room W194, p. 232

**Speakers:** Kenna Shaw, Brad Ozenberger, Greg D. Eley, Raju Kucherlapati, Joshua M. Stuart

**2:00 p.m.-4:00 p.m. Meet and Greets**

**Meet the MICR Council**, McCormick Place West, Exhibit Hall, AACRcentral, p. 233

**Meet the WICR Council**, McCormick Place West, Exhibit Hall, AACRcentral, p. 234

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## 2:30 p.m.-5:00 p.m. Special Poster Session

**Cancer Advocates Poster Session**, AACR Scientist↔Survivor Program, McCormick Place West, Exhibit Hall, Poster Section 38, p. 235

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

**Is There a Metastatic Niche?** Zena Werb, Moderator, McCormick Place West, Room W190, p. 236

[CME]

**Speakers:** Russell Taichman, Robert J. Coffey

## 3:15 p.m.-4:45 p.m. Science Policy Session

**Challenging Conventional Cancer Care: The Untold Story of Tobacco's Effect on Cancer Biology, Treatment Response, and Survival**, Roy S. Herbst, Chairperson, McCormick Place West, Room W178, p. 237

[CME]

**Speakers:** Roy S. Herbst, Graham W. Warren, Paul M. Cinciripini, Benjamin A. Toll, Robert T. Croyle

## 3:15 p.m.-4:45 p.m. Special Session

**Stand Up To Cancer: Maximizing Innovation Through Translational Research and Team Science**, Phillip A. Sharp, Moderator, McCormick Place South, Room S105, p. 238

**Speakers:** Phillip A. Sharp, Stephen B. Baylin, Lewis C. Cantley, Daniel A. Haber, Joe W. Gray, Daniel D. Von Hoff

## 3:15 p.m.-5:25 p.m. Clinical Trials Symposium

**Clinical Trials Symposium 1: Clinical Trials of Agents Directed Towards PI3K and Metabolic Pathways**, Carlos L. Arteaga, Chairperson, McCormick Place West, Room W183 B/C, p. 246

[CME]

**Speakers:** Carlos L. Arteaga, Lillian L. Siu, Fabrice Andre, Dejan Juric, Josep Tabernero, Funda Meric-Bernstam, Anthony M. Joshua, Harold I. Scher

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

**New Drugs on the Horizon 2**, Nancy K. Pryer and Stacie S. Canan, Co-Chairpersons, McCormick Place South, Room S103, p. 239

[CME]

**Speakers:** Steven W. Elmore, Sarah A. Loddick, Paul G. Polakis, Laurent R. DeBussche

## 3:15 p.m.-5:15 p.m. Major Symposium

**In Vivo Systems Biology: Modeling Regulatory Networks in the Mouse**, Lynda Chin, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 240

[CME]

**Speakers:** David Adams, Tyler Jacks, Lynda Chin, Amy Brock

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

**CL5 Molecular Diagnostics for Personalized Cancer Therapy**, Manuel Hidalgo and John C. Byrd, Co-Chairpersons, McCormick Place West, Room W181, p. 241

[CME]

**EP3 Cancer Risk, Immunity, and Inflammation**, McCormick Place West, Room W474, p. 245

[CME]

**ET8 Identifying New Anticancer Drug Targets**, McCormick Place South, Room S102, p. 241

[CME]

**ET9 Molecular Targets and Chemoresistance**, McCormick Place West, Room W470, p. 242

[CME]

**MCB11 Cellular Signaling**, Alex Toker and Dihua Yu, Co-Chairpersons, McCormick Place West, Room W187, p. 242

[CME]

**MCB12 Epigenomics and Chromatin**, McCormick Place West, Room W192, p. 243

[CME]

**MCB13 Metabolic Pathways Regulating Cancer**, McCormick Place West, Room W184, p. 243

[CME]



- PR3 Preventing Cancer by Targeting Inflammation, Stem Cells, and Death and Energy Pathways**, McCormick Place West, Room W179, p. 244  
[CME]
- TB9 Regulation of Cancer Stem Cells**, McCormick Place West, Room W185, p. 244  
[CME]
- TB10 Tumor Angiogenesis and Antiangiogenic Therapy**, McCormick Place South, Room S106, p. 245  
[CME]

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

**The NCI Therapeutically Applicable Research to Generate Effective Treatments (TARGET) Initiative: Using Large-Scale Genomics to Identify Novel Therapeutic Targets for Childhood Cancers**, Malcolm A. Smith and Jaime M. Guidry Auvil, Co-Chairpersons, McCormick Place West, Room W194, p. 247

**Speakers:** Tanja M. Davidsen, Soheil Meshinchi, Edward F. Attiyeh, Ching C. Lau, Elizabeth Perlman, Charles G. Mullighan

**3:45 p.m.-5:15 p.m. ERC-Sponsored Session**

**Funding Opportunities in Europe for Creative Minds from Anywhere in the World**, McCormick Place West, Room W471, p. 248

**Speakers:** Eleni Zika, Sally A. Donaldson, Cedric Blanpain, Michele De Palma, Hans Clevers, Mohamed Bentires-Alj, Klaus Pantel

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

**Successfully Managing Your Career Along With Life's Challenges**, McCormick Place West, Exhibit Hall, AACRcentral, p. 249

**Speakers:** Susan E. Olivo-Marston, Zachary T. Schafer

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

**Basic and Translational Research Career Paths in Pancreatic Cancer**, McCormick Place West, Exhibit Hall, AACRcentral, p. 249

**Speakers:** Robert H. Vonderheide, Kenneth P. Olive

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

**Seventh Annual AACR-Minorities in Cancer Research Jane Cooke Wright Lectureship**, McCormick Place West, Room W196, p. 250

[CME]

**Speaker:** Pelayo Correa

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

**Cancer Genetics in the Post-Genome Era**, McCormick Place West, Room W375 (Skyline Ballroom), p. 251

[CME]

**Speaker:** Judy E. Garber

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

**Molecular Epidemiology Working Group (MEG) Town Meeting: Update on Cancer Survivorship**, Kathy J. Helzlsouer and James R. Cerhan, Co-Chairpersons, Hilton Chicago, International Ballroom South, p. 252

**Speaker:** Joanne L. Elena

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

**The Next Frontier: Setting Up Your First Laboratory, Organized by the Associate Member Council**, Hilton Chicago, International Ballroom North, p. 253

**Speakers:** Arul M. Chinnaiyan, Guillermina Lozano, Ross L. Levine

**6:45 p.m.-8:30 p.m. PCWG Town Meeting**

**Pediatric Cancer Working Group Town Meeting and Reception**, Hilton Chicago, Williford Room A-B, p. 253

**Speaker:** Lee J. Helman

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

**Cancer Immunology Working Group (CIMM) Town Meeting: Cancer Immunotherapy: The View From The Private Sector**, Olivera J. Finn and Elizabeth M. Jaffee, Co-Chairpersons, Hilton Chicago, Waldorf Room, p. 254

**Speakers:** Jon M. Wigginton, Ira Mellman, Hyam I. Levitsky

**9:00 p.m.-11:30 p.m. Annual Reception**

Hilton Chicago, Grand Ballroom, p. 254

## Monday, April 2, 2012

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

**Clinical Implications of the Cancer Stem Cell Hypothesis**, McCormick Place West, Room W196, p. 257

[\[CME\]](#)

**Speaker:** Max S. Wicha

**Computational and Systems Cancer Biology**, McCormick Place West, Room W181, p. 257

[\[CME\]](#)

**Speaker:** Dana Pe'er

**Development of a Therapeutic Cancer Peptide Vaccine and Construction of a Translational Research Network: Lessons From the Vaccine Treatment of 1,700 Patients**, McCormick Place West, Room W178, p. 257

**Speaker:** Yusuke Nakamura

**DNA Replication Stress and Genome Instability**, McCormick Place West, Room W187, p. 258

[\[CME\]](#)

**Speaker:** Karlene A. Cimprich

**Empiric and Theoretical Technologies to Personalize Cancer Diagnosis and Treatment**, McCormick Place West, Room W470, p. 258

[\[CME\]](#)

**Speaker:** David Sidransky

**Functional and Integrated Genomics in Cancer**, McCormick Place South, Room S105, p. 258

[\[CME\]](#)

**Speaker:** William C. Hahn

**Imaging Choline Metabolism in Cancer**, McCormick Place West, Room W192, p. 258

[\[CME\]](#)

**Speaker:** Kristine Glunde

**INK4-ARF (CDKN2A/B): Restricting Cellular Self-Renewal**, McCormick Place West, Room W183 B/C, p. 259

[\[CME\]](#)

**Speaker:** Charles J. Sherr

**Met RTK Signaling, EMT, and Breast Cancer**, McCormick Place West, Room W184, p. 259

[\[CME\]](#)

**Speaker:** Morag Park

**Mutant p53 and Metastasis**, McCormick Place West, Room W470, p. 259

[\[CME\]](#)

**Speaker:** Karen H. Vousden

**Pancreatic Development, Regeneration, and Cancer**, McCormick Place West, Room W190, p. 259

**Speaker:** Anil K. Rustgi

**Prostate Cancer Chemoprevention: Where Do We Go From Here?** McCormick Place West, Room W190, p. 259

[\[CME\]](#)

**Speaker:** Ian M. Thompson

**Regulation of Cancer Metabolism by Hypoxia-HIF-VHL Signaling**, McCormick Place West, Room W185, p. 260

[\[CME\]](#)

**Speaker:** Othon Iliopoulos

**Targeting Oncogenic Ras in Cancer**, McCormick Place South, Room S102, p. 260

[\[CME\]](#)

**Speaker:** Kevin M. Shannon

**The Two Sides of Notch in Human Cancer**, McCormick Place South, Room S103, p. 260

[\[CME\]](#)

**Speaker:** Warren S. Pear

**Using Genome-Wide Methylation Data in Epidemiologic Studies in Lung Cancer**, McCormick Place South, Room S106, p. 260

[\[CME\]](#)

**Speaker:** Karl T. Kelsey

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

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|---|--|
| <p><b>MCB14</b> <b>Chromatin Regulators</b>, McCormick Place West, Exhibit Hall, Poster Section 1, p. 261</p> <p><b>MCB15</b> <b>Growth Factor Signaling</b>, McCormick Place West, Exhibit Hall, Poster Section 2, p. 262</p> <p><b>MCB16</b> <b>microRNAs and Therapy: From Dream to Reality</b>, McCormick Place West, Exhibit Hall, Poster Section 3, p. 263</p> <p><b>MCB17</b> <b>Mitochondrial Metabolism and Reactive Oxygen Species</b>, McCormick Place West, Exhibit Hall, Poster Section 4, p. 264</p> <p><b>MCB18</b> <b>Molecular Markers</b>, McCormick Place West, Exhibit Hall, Poster Section 5, p. 265</p> <p><b>MCB19</b> <b>p53</b>, McCormick Place West, Exhibit Hall, Poster Section 6, p. 266</p> <p><b>MCB20</b> <b>Receptors</b>, McCormick Place West, Exhibit Hall, Poster Section 7, p. 267</p> <p><b>MCB21</b> <b>RTK Signaling</b>, McCormick Place West, Exhibit Hall, Poster Section 8, p. 268</p> <p><b>MCB22</b> <b>Tissue-Based Approaches</b>, McCormick Place West, Exhibit Hall, Poster Section 9, p. 269</p> <p><b>MCB23</b> <b>Transcription Factors as Tumor Suppressors and Oncogenes</b>, McCormick Place West, Exhibit Hall, Poster Section 10, p. 270</p> <p><b>TB11</b> <b>Animal Models of Gastrointestinal Malignancies</b>, McCormick Place West, Exhibit Hall, Poster Section 11, p. 271</p> <p><b>TB12</b> <b>Animal Models of Mesenchymal Tumors, Hematologic Malignancies, and Metastasis</b>, McCormick Place West, Exhibit Hall, Poster Section 12, p. 272</p> <p><b>TB13</b> <b>Antiangiogenic Therapy: Resistance and Biomarkers</b>, McCormick Place West, Exhibit Hall, Poster Section 13, p. 273</p> <p><b>TB14</b> <b>Metastasis Models: From Cell Autonomous Genes to the Niche</b>, McCormick Place West, Exhibit Hall, Poster Section 14, p. 274</p> <p><b>TB15</b> <b>Pediatric Oncology 1</b>, McCormick Place West, Exhibit Hall, Poster Section 15, p. 275</p> <p><b>TB16</b> <b>Radiosensitizers and Radioprotectors</b>, McCormick Place West, Exhibit Hall, Poster Section 16, p. 276</p> <p><b>TB17</b> <b>Tumor-Stromal Interactions 1: Cellular Cross-Talk</b>, McCormick Place West, Exhibit Hall, Poster Section 17, p. 277</p> | <p><b>TB18</b> <b>Tumor-Stromal Interactions 2: Molecular Cross-Talk</b>, McCormick Place West, Exhibit Hall, Poster Section 18, p. 278</p> <p><b>IM2</b> <b>Immune Targeting the Tumor Microenvironment</b>, McCormick Place West, Exhibit Hall, Poster Section 19, p. 279</p> <p><b>IM3</b> <b>Tumor Vaccine Development</b>, McCormick Place West, Exhibit Hall, Poster Section 20, p. 280</p> <p><b>PR4</b> <b>Preclinical Prevention Studies 3: Biological and Biochemical Mechanisms in Prevention</b>, McCormick Place West, Exhibit Hall, Poster Section 21, p. 281</p> <p><b>PR5</b> <b>Preclinical Prevention Studies 4: Intervention Studies</b>, McCormick Place West, Exhibit Hall, Poster Section 22, p. 282</p> <p><b>EP4</b> <b>GWAS, Post-GWAS, and Functional Studies</b>, McCormick Place West, Exhibit Hall, Poster Section 23, p. 283</p> <p><b>EP5</b> <b>Preneoplastic Lesions, Tumor Markers, and Tumor Subtypes</b>, McCormick Place West, Exhibit Hall, Poster Section 24, p. 284</p> <p><b>CL6</b> <b>Biomarkers for Personalized Cancer Therapy</b>, McCormick Place West, Exhibit Hall, Poster Section 25, p. 285</p> <p><b>CL7</b> <b>Biomarkers of Lung Cancer</b>, McCormick Place West, Exhibit Hall, Poster Section 26, p. 286</p> <p><b>CL8</b> <b>Clinical Trials in Progress</b>, McCormick Place West, Exhibit Hall, Poster Section 27, p. 287</p> <p><b>ET10</b> <b>Chemical Modulation of DNA Integrity</b>, McCormick Place West, Exhibit Hall, Poster Section 28, p. 288</p> <p><b>ET11</b> <b>Kinase and Phosphatase Inhibitors 2</b>, McCormick Place West, Exhibit Hall, Poster Section 29, p. 289</p> <p><b>ET12</b> <b>New Targets</b>, McCormick Place West, Exhibit Hall, Poster Section 30, p. 230</p> <p><b>ET13</b> <b>Novel Drug Targets 1</b>, McCormick Place West, Exhibit Hall, Poster Section 31, p. 231</p> <p><b>ET14</b> <b>Pharmacology, Pharmacogenetics, and Pharmacogenomics 2</b>, McCormick Place West, Exhibit Hall, Poster Section 32, p. 292</p> |
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**ET15 Resistance to RTK Inhibition**, McCormick Place West, Exhibit Hall, Poster Section 33, p. 293

**ET16 Targeting Cancer Cell Signaling**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 294

**CH1 Nanoscale Drug Delivery Systems 1**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 362

**CH 2 Natural Products**, McCormick Place West, Exhibit Hall, Poster Section 36, p. 296

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

**Carcinogenesis**, McCormick Place West, Exhibit Hall, Poster Section 40

**Molecular and Cellular Biology 2**, McCormick Place West, Exhibit Hall, Poster Section 37

**Tumor Biology 1**, McCormick Place West, Exhibit Hall, Poster Section 39

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

**Tumor Heterogeneity: Challenges and Therapeutic Opportunities**, Lisa M. Coussens, Chairperson, McCormick Place West, Room W375 (Skyline Ballroom), p. 298

[CME]

**Speakers:** Rakesh K. Jain, Lisa M. Coussens, Hans Clevers, Richard J. Gilbertson

## 8:30 a.m.-10:30 a.m. Professional Advancement Session

**WICR Career Mentoring Session**, Jessie M. English and Wen-Jen Hwu, Co-Chairpersons, Hilton Chicago, Continental Ballroom B-C, p. 299

**Keynote Speaker:** Jennifer A. Pietenpol

## 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, Hyatt Conference Center, Regency Ballroom, p. 300

**Speakers:** Frank McCormick, Donald S. Coffey, Olufunmilayo I. Olopade, Xavier Llor

## 9:30 a.m.-10:30 a.m. Meet the Research Pioneer

**Beverly A. Teicher**, McCormick Place West, Exhibit Hall, AACRcentral, p. 301

**Speaker:** Beverly A. Teicher

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

**Building Effective Research Teams and Collaborations to Address Cancer Health Disparities: The MICR Forum**, Chanita Hughes Halbert, Chairperson, McCormick Place West, Room W181, p. 302

[CME]

**Speakers:** Pebbles Fagan, Robert T. Croyle, Li Ding

## 10:15 a.m.-11:45 a.m. NCI/NIH-Sponsored Session

**NCI's Programs to Advance Cancer Research Utilizing Biospecimens**, Benjamin Fombonne, Chairperson, McCormick Place West, Room W194, p. 303

**Speakers:** David Litwack, Jimmie B. Vaught, Anthony J. Dickherber

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

**Clinical Trials Symposium 2: Late-Breaking Clinical Trials**, Chairperson TBD, McCormick Place West, Room W192, p. 307

[CME]

**Speakers:** M. J. Borad, Jurgen Wolf, Juan Fueyo, Aung Naing

## 10:30 a.m.-12:30 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention

**Concepts and Challenges in Bringing Next-Generation Sequencing to the Clinic**, John D. Carpten and Stephen B. Gruber, Co-Chairpersons, McCormick Place West, Room W190, p. 304

[CME]

**Speakers:** John D. Carpten, Victor E. Velculescu, Stephen B. Gruber, Giselle L. Sholler

**Novel Approaches to Cancer Chemoprevention**, Ernest T. Hawk and Zigang Dong, Co-Chairpersons, McCormick Place West, Room W470, p. 304

[CME]

**Speakers:** Zigang Dong, Chinthalapally V. Rao, Paul J. Limburg, Ernest T. Hawk



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

**Breast Cancer: Basic Science to Target Discovery to Translational and Clinical Research**, Jos Jonkers and Carlos L. Arteaga, Co-Chairpersons, McCormick Place South, Room S103, p. 305

[CME]

**Speakers:** Jos Jonkers, René Bernards, Gordon B. Mills, Carlos L. Arteaga

**Emerging Therapeutic Strategies for Neuroendocrine Cancers**, Katherine L. Nathanson and Herbert Chen, Co-Chairpersons, McCormick Place West, Room W187, p. 305

[CME]

**Speakers:** Katherine L. Nathanson, Fiemu E. Nwariaku, Stanley Sidhu, Herbert Chen

**New Concepts in the Pathogenesis and Targeted Treatment to Multiple Myeloma**, Jonathan D. Licht, Chairperson, McCormick Place West, Room W178, p. 306

[CME]

**Speakers:** Ola Landgren, Jonathan D. Licht, Constantine S. Mitsiades, Faith Davies

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

**Biologic Factors Associated With Cancer Disparities**, Xifeng Wu, Chairperson, McCormick Place South, Room S106, p. 308

[CME]

**Speakers:** Lisa A. Newman, Adeyinka O. Laiyemo, Peng Lee, Carol J. Etzel

**Determining the Cell of Origin in Cancers**, Jane E. Visvader, Chairperson, McCormick Place West, Room W196, p. 308

[CME]

**Speakers:** Cedric Blanpain, Anton Berns, Martine F. Roussel, Jane E. Visvader

**Microbiome, Viruses, and Cancer**, Anna R. Giuliano, Chairperson, McCormick Place South, Room S102, p. 309

[CME]

**Speakers:** Anna R. Giuliano, Allan Hildesheim, Martin J. Blaser, Julie Parsonnet

**Molecular Imaging in Cancer Therapy: Functionalizing the Cancer Genome**, David Piwnica-Worms, Chairperson, McCormick Place West, Room W184, p. 310

[CME]

**Speakers:** David Piwnica-Worms, Martin G. Pomper, James P. Babilion, Steven M. Larson

**Mouse Models for Gene Discovery, Prevention, and Treatment**, Guillermina Lozano, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 310

[CME]

**Speakers:** Cory Abate-Shen, Owen J. Sansom, David A. Tuveson, Guillermina Lozano

**Protein Tyrosine Phosphatases and Cancer**, Nicholas K. Tonks, Chairperson, McCormick Place West, Room W185, p. 311

[CME]

**Speakers:** Nicholas K. Tonks, Thomas F. Westbrook, Wentain Yang, Trever G. Bivona

**The Ras/Raf Pathway in Cancer**, Deborah Morrison, Chairperson, McCormick Place West, Room W183 B/C, p. 312

[CME]

**Speakers:** Frank McCormick, Christopher J. Marshall, Deborah Morrison, Neal Rosen

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

**The Career Development Plan: Taking Charge of Your Career, Organized by the Associate Member Council**, Hyatt Conference Center, Room CC12 A-D, p. 313

**Speakers:** Brandi Brandon Knight, Patricia M. LoRusso

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

**Choosing the Right Postdoctoral/Clinical Fellowship for Research Careers in Academia**, McCormick Place West, Exhibit Hall, AACRcentral, p. 314

**Speakers:** Conor C. Lynch, Ben Z. Stanger

## 11:30 a.m.-12:00 p.m. Special Session

**NCI Update**, McCormick Place South, Room S105, p. 314

**Speaker:** Douglas R. Lowy

## 12:00 p.m.-1:00 p.m. Meet the Research Pioneer

**Hans Clevers**, McCormick Place West, Exhibit Hall, AACRcentral, p. 315

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

**NCI SBIR and STTR: Advancing the Commercialization of New Cancer Innovations**, Andrew J. Kurtz, Chairperson, McCormick Place West, Room W194, p. 316

**Speakers:** Gregory Evans, James M. Olson

## 12:30 p.m.-1:45 p.m. AACR Annual Business Meeting of Members

McCormick Place West, Room W471, p. 317

## 1:00 p.m.-3:00 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention

**Bringing Targeted Agents to Cancer Prevention**, Andrea Decensi and Karen T. Liby, Co-Chairpersons, McCormick Place West, Room W181, p. 318

[CME]

**Speakers:** Karen T. Liby, Avrum E. Spira, Pier Paolo Pandolfi, Andrea Decensi

**Comprehensive Tumor Genotyping for Treatment Selection in Clinical Oncology**, Marc Ladanyi, Chairperson, McCormick Place West, Room W470, p. 319

[CME]

**Speakers:** Anthony J. Iafrate, Christopher I. Corless, Michael F. Berger, Vincent A. Miller

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

**The Challenge of Inter- and Intratumoral Heterogeneity in the Management of Ovarian Cancer**, Stanley B. Kaye and David Huntsman, Co-Chairpersons, McCormick Place West, Room W187, p. 320

[CME]

**Speakers:** Ie-Ming Shih, David Huntsman, George Coukos, Michael J. Birrer

**Liver Cancer: Pathogenesis and Treatment**, Josep M. Llovet and Lopa Mishra, Co-Chairpersons, McCormick Place West, Room W192, p. 320

[CME]

**Speakers:** Lopa Mishra, Markus Grompe, Gregory J. Gores, Josep M. Llovet

**Sarcomas: Leading New Strategies for Delineating Mechanisms, Genes, and Treatments in Rare Cancers**, Rama Khokha and Robert G. Maki, Co-Chairpersons, McCormick Place South, Room S106, p. 321

[CME]

**Speakers:** Peter J. Campbell, Rama Khokha, Katherine A. Janeway, Robert G. Maki

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

**Clinical Trial Design in the Era of High-Density Data Analysis**, Yu Shyr, Chairperson, McCormick Place South, Room S102, p. 322

[CME]

**Speakers:** Markus Warmuth, Tona M. Gilmer, Lillian L. Siu, Yu Shyr

**DNA Damage Repair and Cancer Therapy**, Alan D. D'Andrea, Chairperson, McCormick Place West, Room W183 B/C, p. 322

[CME]

**Speakers:** Alan D. D'Andrea, Mary Helen Barcellos-Hoff, Andre Nussenzweig, Tanya T. Paull

**Dormant and Stem Cells in Tumor Heterogeneity**, Jeffrey Settleman, Chairperson, McCormick Place South, Room S105, p. 323

[CME]

**Speakers:** Kornelia Polyak, Meenhard Herlyn, Julio A. Aguirre-Ghiso, Andreas Trumpp

**Hypoxia: ROS and the Response to Therapy**, M. Celeste Simon, Chairperson, McCormick Place West, Room W184, p. 323

[CME]

**Speakers:** M. Celeste Simon, Amato J. Giaccia, Navdeep S. Chandel, Gregg L. Semenza

**Interrogating the Logic of the Cancer Cell: Lessons From Integrative and Systems Biology Approaches**, Douglas A. Lauffenburger, Chairperson, McCormick Place West, Room W185, p. 324

[CME]

**Speakers:** Franziska Michor, Ernest Fraenkel, Andrea Califano, Claire Tomlin

**The Ruth Sager Memorial Symposium on Cancer Genetics and Epigenetics: Chromatin, Transcriptional Regulation, and Cancer**, Trevor K. Archer, Chairperson, McCormick Place West, Room W196, p. 324

[CME]

**Speakers:** Trevor K. Archer, P. A. Futreal, Myles Brown, Andrew P. Feinberg

**Stem Cells and Epigenetics**, Bradley E. Bernstein, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 325

[CME]

**Speakers:** Bradley E. Bernstein, Alea A. Mills, Kristian Helin, Maarten van Lohuizen

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

**Scientific and Regulatory Challenges in Codevelopment of Predictive In Vitro Diagnostics**, Mark J. Ratain, Chairperson, McCormick Place South, Room S103, p. 326

[CME]

**Speakers:** Mark J. Ratain, Rachel W. Humphrey, Janet E. Dancey, Samir N. Khleif

## 1:00 p.m.-3:30 p.m. Special Symposium

**Future Leaders in Basic Cancer Research Special Symposium**, McCormick Place West, Room W179, p. 327

**Speakers:** Fiayaz Notta, Carrie A. Adelman, David A. Solomon, Michael Quante

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

**MCB24 BCL-2 Family and Other Apoptosis Regulators**, McCormick Place West, Exhibit Hall, Poster Section 1, p. 328

**MCB25 Cell Cycle Control 1**, McCormick Place West, Exhibit Hall, Poster Section 2, p. 329

**MCB26 Cellular Stressors 1: Oxidative Stress and Anoikis**, McCormick Place West, Exhibit Hall, Poster Section 3, p. 330

**MCB27 Detection of Genomic Aberrations**, McCormick Place West, Exhibit Hall, Poster Section 4, p. 331

**MCB28 DNA Repair Mechanisms**, McCormick Place West, Exhibit Hall, Poster Section 5, p. 332

**MCB29 GTPases and Effectors**, McCormick Place West, Exhibit Hall, Poster Section 6, p. 333

**MCB30 Nuclear Oncogenes and Tumor Suppressor Genes**, McCormick Place West, Exhibit Hall, Poster Section 7, p. 334

**MCB31 Oncogenic Gene Regulatory Mechanisms**, McCormick Place West, Exhibit Hall, Poster Section 8, p. 335

**MCB32 PI3-Kinase/Akt Signaling**, McCormick Place West, Exhibit Hall, Poster Section 9, p. 336

**MCB33 Regulation of Cell Death**, McCormick Place West, Exhibit Hall, Poster Section 10, p. 337

**MCB34 The MiRiad of miRNA Targets**, McCormick Place West, Exhibit Hall, Poster Section 11, p. 338

**TB19 Angiogenesis Inhibitors**, McCormick Place West, Exhibit Hall, Poster Section 12, p. 339

**TB20 Animal Models of Epithelial, Neuronal, and Pulmonary Malignancies**, McCormick Place West, Exhibit Hall, Poster Section 13, p. 340

**TB21 Finding and Understanding Circulating Tumor Cells**, McCormick Place West, Exhibit Hall, Poster Section 14, p. 341

**TB22 Genetic Basis of EMT-MET 2**, McCormick Place West, Exhibit Hall, Poster Section 15, p. 342

**TB23 Imaging in Animal Models**, McCormick Place West, Exhibit Hall, Poster Section 16, p. 343

**TB24 Matrix and Modulators in Microenvironment**, McCormick Place West, Exhibit Hall, Poster Section 17, p. 344

**TB25 Pediatric Oncology 2**, McCormick Place West, Exhibit Hall, Poster Section 18, p. 345

- IM4**     **Antibody Therapeutics**, McCormick Place West, Exhibit Hall, Poster Section 19, p. 346
- CG2**     **DNA Damage Repair and Signal Transduction**, McCormick Place West, Exhibit Hall, Poster Section 20, p. 347
- PR6**     **Preclinical Prevention Studies 5: Targeting Novel Pathways for Prevention**, McCormick Place West, Exhibit Hall, Poster Section 21, p. 348
- EP6**     **Genes, Gene-Environment Interactions, and Hormone-Related Cancers**, McCormick Place West, Exhibit Hall, Poster Section 22, p. 349
- EP7**     **Genetic Studies of Risk or Prognosis**, McCormick Place West, Exhibit Hall, Poster Section 23, p. 350
- CL9**     **Clinical Research in Special Populations/Supportive Care**, McCormick Place West, Exhibit Hall, Poster Section 24, p. 351
- CL10**    **Genetics/Genomics and Therapeutic Response**, McCormick Place West, Exhibit Hall, Poster Section 25, p. 352
- CL11**    **New Targets and Biomarkers**, McCormick Place West, Exhibit Hall, Poster Section 26, p. 353
- CL12**    **Translational Science 1: Breast and Genitourinary Malignancies**, McCormick Place West, Exhibit Hall, Poster Section 27, p. 354
- ET17**    **Biological Therapy Based on Viruses, Antibodies, or Metformin**, McCormick Place West, Exhibit Hall, Poster Section 28, p. 355
- ET18**    **Combination Therapy 1**, McCormick Place West, Exhibit Hall, Poster Section 29, p. 356
- ET19**    **Disruptors of Protein Interaction and Homeostasis**, McCormick Place West, Exhibit Hall, Poster Section 30, p. 357
- ET20**    **Kinases as Targets for Therapy**, McCormick Place West, Exhibit Hall, Poster Section 31, p. 358
- ET21**    **New Targets and Assays**, McCormick Place West, Exhibit Hall, Poster Section 32, p. 359
- ET22**    **Phosphatases and Kinases as Targets for Therapy**, McCormick Place West, Exhibit Hall, Poster Section 33, p. 360
- ET23**    **Therapeutic Targeting of Oncogenes and Tumor Suppressors**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 361

- CH3**     **Nanoscale Drug Delivery Systems 2**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 395

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

**Immunology**, McCormick Place West, Exhibit Hall, Poster Section 40

**Molecular and Cellular Biology 3**, McCormick Place West, Exhibit Hall, Poster Section 37

**Prevention**, McCormick Place West, Exhibit Hall, Poster Section 39

**Tumor Biology 2**, McCormick Place West, Exhibit Hall, Poster Section 38

**1:30 p.m.-2:30 p.m.     Meet the Research Pioneer**

**Michael A. Hollingsworth and Diane M. Simeone, Pancreatic Cancer Researchers**, McCormick Place West, Exhibit Hall, AACRcentral, p. 363

**1:45 p.m.-3:15 p.m.     NCI/NIH-Sponsored Session**

**Quantitative Imaging and Image-Guided Drug Delivery in Cancer**, Keyvan Farahani, Chairperson, McCormick Place West, Room W194, p. 364

**Speakers:** Keyvan Farahani, Zaver M. Bhujwalla, Thomas J. Meade

**2:00 p.m.-3:30 p.m.     Science Policy Session**

**From Science to Policy: Challenges in Translating Scientific Evidence Into Practice-Changing Clinical Recommendations and Decision Tools**, Barnett S. Kramer, Moderator, McCormick Place West, Room W178, p. 365

**[CME]**

**Panel:** Joy Melnikow, David F. Ransohoff

**Category Codes for Poster Sessions and Minisymposia**

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



## 3:00 p.m.-5:10 p.m. Clinical Trials Symposium

**Clinical Trials Symposium 3: Clinical Trials of Novel Agents**, Johann S. de Bono, Chairperson, McCormick Place West, Room W183 B/C, p. 373

[CME]

**Speakers:** John H. Farley, Sebastian Schwind, Jean Pierre Issa, Ross L. Levine, Dejan Juric, Pasi A. Jänne

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

**CH4 Drug Design and Lead Optimization**, McCormick Place West, Room W187, p. 367  
[CME]

**EN2 Steroid Hormone Receptors in Breast and Prostate Cancer**, McCormick Place South, Room S106, p. 367  
[CME]

**EP8 Genetic Markers of Risk and Survival**, McCormick Place West, Room W181, p. 368  
[CME]

**ET24 Novel Drug Targets 2**, McCormick Place West, Room W192, p. 368  
[CME]

**ET25 Small-Molecule Inhibitors of Emerging Cancer Targets**, McCormick Place West, Room W185, p. 369  
[CME]

**MCB35 microRNA Game: Of Mice and Humans, All for Patients**, McCormick Place South, Room S103, p. 369  
[CME]

**MCB36 Raf, Ras, Myc, and p53**, McCormick Place West, Room W470, p. 370  
[CME]

**MCB37 Transcription Factors as Drivers and Therapeutic Targets in Cancer**, McCormick Place West, Room W190, p. 370  
[CME]

**TB26 Critical Regulators of Tumor Microenvironment**, McCormick Place West, Room W184, p. 371  
[CME]

**TB27 Metastasis Drivers: Models to Niches**, McCormick Place South, Room S102, p. 371  
[CME]

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MCB = Molecular and Cellular Biology; CG = Carcinogenesis;  
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## 3:00 p.m.-5:00 p.m. Professional Advancement Session

**Careers in Cancer Research for Chemists and Chemistry-Oriented Researchers, Presented by The Young Chemists Committee (YCC) of the Chemistry in Cancer Research (CICR) Working Group**, Erin G. Prestwich and Danzhou Yang, Co-Chairpersons, McCormick Place West, Room W180, p. 366

**Keynote Speaker:** Gregory D. Vite

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

**Ethical Issues in Genomic Research**, Lowell E. Schnipper and Walter Wolf, Co-Chairpersons, McCormick Place West, Room W471, p. 372  
[CME]

**Speakers:** Reed E. Pyeritz, Susan M. Wolf, Steven Joffe, Robert Cook-Deegan

## 3:15 p.m.-4:45 p.m. NCI/NIH-Sponsored Session

**Beyond GWAS: Leveraging Large-Scale Cancer Genomics Datasets for Germline Discovery**, Elizabeth M. Gillanders, Chairperson, McCormick Place West, Room W194, p. 374

**Speakers:** Matthew L. Freedman, Sharon E. Plon, Adam Kiezun, Simon A. Gayther, Laura D. Buccini, Elizabeth M. Gillanders, Kenna Shaw

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

**Eighth Annual AACR-Irving Weinstein Foundation Distinguished Lectureship**, McCormick Place West, Room W375 (Skyline Ballroom), p. 375  
[CME]

**Speaker:** Bert Vogelstein

## 3:30 p.m.-5:00 p.m. Science Policy Session

**HIPAA: Can It Protect Patients Without Impeding Research?** Robert C. Young, Moderator, McCormick Place West, Room W178, p. 376  
[CME]

**Panel:** Sandra J. Horning, Fred H. Cate

## 3:45 p.m.-4:30 p.m. Meet and Greet

**Meet the AACR Chief Executive Officer: Margaret Foti**, McCormick Place West, Exhibit Hall, AACRcentral, p. 377

**Speaker:** Margaret Foti

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

**Distinguishing Yourself from Your Mentor: Finding Your Own Research Niche**, McCormick Place West, Exhibit Hall, AACRcentral, p. 377

**Speakers:** Douglas R. Hurst, Joseph Kissil

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

**Sixth Annual AACR Princess Takamatsu Memorial Lectureship**, McCormick Place South, Room S100 (Grand Ballroom), p. 378

[CME]

**Speaker:** Mary J. C. Hendrix

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

**Circulating Tumor Cells: Enumeration and Molecular Characterization Are Great, But Do They Have Clinical Utility?** Daniel F. Hayes, Moderator, McCormick Place South, Room S105, p. 380

[CME]

**Speakers:** Klaus Pantel, Dave S. Hoon

**Do Cell Phones Cause Brain Cancer?** Jack Siemiatycki, Moderator, McCormick Place West, Room W184, p. 380

[CME]

**Speakers:** Jack Siemiatycki, Siegal Sadetzki, Anthony Swerdlow

**Epigenetics or Epiphenomena?** Myles Brown, Moderator, McCormick Place West, Room W183 B/C, p. 380

[CME]

**Speakers:** Steven Henikoff, Kevin Struhl

**Genomic Signatures and Predictive Biomarkers in Breast Cancer: Challenges and Controversies**, Jorge Reis-Filho, Moderator, McCormick Place West, Room W190, p. 380

[CME]

**Speakers:** Lajos Pusztai, Charles Swanton

**How Can We Improve the Success Rate for Oncology Drugs?** D. Gary Gilliland, Moderator, McCormick Place West, Room W196, p. 381

[CME]

**Speakers:** Sandra J. Horning, Debasish Roychowdhury

**Intermediate Endpoints for Cancer Prevention Trials: Progress or Paralysis?** Scott M. Lippman, Moderator, McCormick Place South, Room S103, p. 381

[CME]

**Speakers:** Carol J. Fabian, Eva Szabo

**Will Metformin Prevent and/or Cure Cancer?** Pamela J. Goodwin, Moderator, McCormick Place West, Room W185, p. 382

[CME]

**Speakers:** Vuk Stambolic, David G. Hardie

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

**AACR/ASCO Presidential Symposium: Pediatric Cancer in the Age of Genomics—Lessons From Our Children**, Judy E. Garber and Michael P. Link, Co-Chairpersons, McCormick Place South, Room S102, p. 379

[CME]

**Speakers:** Judy E. Garber, James R. Downing, Ching-Hon Pui, Smita Bhatia, Michael P. Link

## 5:00 p.m.-6:30 p.m. NCI/NIH-Sponsored Session

**Parlaying the K Award Into Your First R01: How Did They Do It?**, Ming Lei, Sonia B. Jakowlew, and Nancy C. Lohrey, Co-Chairpersons, McCormick Place West, Room W194, p. 383

**Speakers:** Christopher C. Quarles, Youli Zu, John A. Milner, Paige McDonald, Suresh Mohla, Roy S. Wu

## 5:00 p.m.-6:30 p.m. Special Session: Regulatory Science and Policy

**Pathway vs. Histology in Drug Development**, George D. Demetri, Moderator, McCormick Place West, Room W192, p. 384

[CME]

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

**The Minorities in Cancer Research (MICR) Town Meeting**, Levi A. Garraway, Chairperson, Hilton Chicago, Waldorf Room, p. 384

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

**Fifteenth Annual Pezcoller Foundation-AACR International Award for Cancer Research**, McCormick Place West, Room W375 (Skyline Ballroom), p. 385  
[CME]

**Speaker:** Robert A. Weinberg

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

**Publication Ethics: Be Aware or Beware**, Yves A. DeClerck, Moderator, Hilton Chicago, Continental Ballroom A, p. 386

**Speakers:** Yves A. DeClerck, Kenneth C. Anderson, Diane Scott-Lichter

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

**Pediatric Cancer Working Group Evening Scientific Session: Targeted Therapies in Pediatric Cancer: Where Do We Stand and What Do We Need for Progress**, Hilton Chicago, Continental Ballroom B, p. 386

**Speakers:** Michael A. Dyer, Lee J. Helman, Nada Jabado

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

**Joint Cancer Immunology (CIMM)/Tumor Microenvironment (TME) Working Group Evening Scientific Session**, Olivera J. Finn and Kornelia Polyak, Co-Chairpersons, Hilton Chicago, International Ballroom South, p. 387

**Speakers:** Glenn Dranoff, Frances R. Balkwill, Harold L. Moses

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

**Chemistry in Cancer Research Working Group (CICR) Town Meeting**, Stephen Neidle and Billy W. Day, Co-Chairpersons, Hilton Chicago, Continental Ballroom B-C, p. 387

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

**Navigating the Road to a Successful Career in Cancer Research: Professional Advancement Roundtable**, Maria E. Martinez, Chairperson, Hilton Chicago, International Ballroom North, p. 388

## Tuesday, April 3, 2012

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

**Biology of the Cancer Epigenome: Exploiting the Translational Implications**, McCormick Place West, Room W185, p. 393  
[CME]

**Speaker:** Stephen B. Baylin

**Breast Cancer in African American Women: Unanswered Questions**, McCormick Place West, Room W187, p. 393  
[CME]

**Speaker:** Christine B. Ambrosone

**Building a Genomic Prescribing System**, McCormick Place West, Room W192, p. 394  
[CME]

**Speaker:** Mark J. Ratain

**Clinical Trials of PARP Inhibitors: Do They Work and for Which Patients?** McCormick Place South, Room S103, p. 394  
[CME]

**Speaker:** Susan Domchek

**Good Tregs and Bad Tregs in Colon Cancer**, McCormick Place South, Room S106, p. 394  
[CME]

**Speaker:** Khashayarsha Khazaie

**Liver Progenitor Cells and Liver Cancer**, McCormick Place West, Room W190, p. 395  
[CME]

**Speaker:** Nabeel M. Bardeesy

**Mechanisms of Transformation by RAS Oncogenes: Searching for Novel Therapeutic Approaches,**

McCormick Place South, Room S105, p. 395

[CME]

**Speaker:** Julian Downward

**MYCN as a Driver and Therapeutic Target in Neural Cancers,** McCormick Place West, Room W470, p. 395

[CME]

**Speaker:** William A. Weiss

**New Targets for Differentiation Therapy: APL and Beyond,** McCormick Place West, Room W181, p. 395

[CME]

**Speaker:** Samuel Waxman

**Photoacoustic Tomography: Ultrasonically Breaking Through the Optical Diffusion Limit,** McCormick Place West, Room W178, p. 395

[CME]

**Speaker:** Lihong Wang

**Primary and Secondary Prevention of HPV-Associated Cancers,** McCormick Place West, Room W474, p. 396

**Speaker:** Douglas R. Lowy

**SWI/SNF Complexes: Chromatin, Epigenetics, and Cancer,** McCormick Place West, Room W179, p. 396

[CME]

**Speaker:** Charles W. Roberts

**Understanding the Clonal Structure and Evolution of Tumors With Next-Generation Sequencing,**

McCormick Place West, Room W184, p. 396

[CME]

**Speaker:** Samuel Aparicio

**Using Genetically Engineered Mouse Models to Facilitate Cancer Drug Development,**

McCormick Place South, Room S102, p. 397

[CME]

**Speaker:** Leisa Johnson

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

**Special Session: Regulatory Science and Policy**

**Meet-the-Expert: Comparative Effectiveness and Implications for Trial Design,** McCormick Place West, Room W471, p. 396

[CME]

**Speaker:** Jan H. M. Schellens

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

**Poster Sessions**

**MCB38 Bioinformatics Applications and Gene Expression Analysis,** McCormick Place West, Exhibit Hall, Poster Section 1, p. 398

**MCB39 Cancer Cell Signaling,** McCormick Place West, Exhibit Hall, Poster Section 2, p. 399

**MCB40 Cell Cycle Control 2,** McCormick Place West, Exhibit Hall, Poster Section 3, p. 400

**MCB41 Cross-Talk between Signaling Pathways and Transcription Factors,** McCormick Place West, Exhibit Hall, Poster Section 4, p. 401

**MCB42 DNA Repair/Genomic Stability and Cancer,** McCormick Place West, Exhibit Hall, Poster Section 5, p. 402

**MCB43 Epigenetic Regulation and Environmental Effects,** McCormick Place West, Exhibit Hall, Poster Section 6, p. 403

**MCB44 microRNAs, Pathways, Technologies: A Symbiotic Link,** McCormick Place West, Exhibit Hall, Poster Section 7, p. 404

**MCB45 Nucleic Acids and Signaling,** McCormick Place West, Exhibit Hall, Poster Section 8, p. 405

**MCB46 Targeting Cancer Metabolism,** McCormick Place West, Exhibit Hall, Poster Section 9, p. 406

**MCB47 Tumor Progression,** McCormick Place West, Exhibit Hall, Poster Section 10, p. 407

**TB28 Animal Models of Breast, Gynecologic, and Genitourinary Malignancies,** McCormick Place West, Exhibit Hall, Poster Section 11, p. 408

**TB29 Cell of Origin and Plasticity of Cancer Stem Cells,** McCormick Place West, Exhibit Hall, Poster Section 12, p. 409

**TB30 Developmental Pathways and microRNA Regulation of Cancer Stem Cells,** McCormick Place West, Exhibit Hall, Poster Section 13, p. 410

- TB31 Identification and Targeting of Cancer Stem Cells**, McCormick Place West, Exhibit Hall, Poster Section 14, p. 411
- TB32 Metastasis Signatures and Prognostics**, McCormick Place West, Exhibit Hall, Poster Section 15, p. 412
- TB33 Metastasis Suppressors**, McCormick Place West, Exhibit Hall, Poster Section 16, p. 413
- TB34 Photodynamic Therapy and Molecular Basis for Radioresistance**, McCormick Place West, Exhibit Hall, Poster Section 17, p. 414
- TB35 Therapeutic Targeting of Cancer Stem Cells**, McCormick Place West, Exhibit Hall, Poster Section 18, p. 415
- IM5 Mobilizing Immune Effector Cells for Cancer Therapy**, McCormick Place West, Exhibit Hall, Poster Section 19, p. 416
- IM6 Tumor Immunobiology 2**, McCormick Place West, Exhibit Hall, Poster Section 20, p. 417
- PR7 Clinical Prevention**, McCormick Place West, Exhibit Hall, Poster Section 21, p. 418
- EP9 Cancer Continuum: From Screening to Outcomes**, McCormick Place West, Exhibit Hall, Poster Section 22, p. 418
- CL13 Biomarker Targets, Assays, and Models**, McCormick Place West, Exhibit Hall, Poster Section 23, p. 420
- CL14 Biomarkers of Ovarian, Prostate, and Bladder Cancers**, McCormick Place West, Exhibit Hall, Poster Section 24, p. 421
- CL15 Molecular Targets and Pathways 1**, McCormick Place West, Exhibit Hall, Poster Section 25, p. 422
- CL16 Translational Science 2: Gastrointestinal, Central Nervous System, Sarcoma, and Melanoma**, McCormick Place West, Exhibit Hall, Poster Section 26, p. 423
- ET26 Combination Therapy 2**, McCormick Place West, Exhibit Hall, Poster Section 28, p. 424
- ET27 Kinase Inhibitors**, McCormick Place West, Exhibit Hall, Poster Section 29, p. 425
- ET28 Pharmacology, Pharmacogenetics, and Pharmacogenomics 3**, McCormick Place West, Exhibit Hall, Poster Section 30, p. 426
- ET29 Small-Molecule Anticancer Drugs and Drug Targets**, McCormick Place West, Exhibit Hall, Poster Section 31, p. 427
- ET30 Targeting Metabolism and Gene Expression**, McCormick Place West, Exhibit Hall, Poster Section 32, p. 428
- ET31 Therapeutic Manipulation of Apoptosis and Growth Factors**, McCormick Place West, Exhibit Hall, Poster Section 33, p. 429
- CH5 Assays and Screening Technologies**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 430
- CH6 Drug Design 1**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 431
- EN3 Steroid Hormone Receptor and Growth Factor Actions in Cancer 2**, McCormick Place West, Exhibit Hall, Poster Section 36, p. 367
- 8:00 a.m.-12:00 p.m. Late-Breaking Poster Sessions**
- Clinical Trials**, McCormick Place West, Exhibit Hall, Poster Section 40
- Experimental and Molecular Therapeutics 1**, McCormick Place West, Exhibit Hall, Poster Section 39
- Molecular and Cellular Biology 4**, McCormick Place West, Exhibit Hall, Poster Section 37
- Tumor Biology 3**, McCormick Place West, Exhibit Hall, Poster Section 38
- 8:15 a.m.-10:15 a.m. Plenary Session**
- Immune Therapies: The Future Is Now**, Patrick Hwu, Chairperson, McCormick Place West, Room W375 (Skyline Ballroom), p. 434
- [CME]**
- Speakers:** Suzanne L. Topalian, Carl H. June, James L. Gulley, Patrick Hwu
- 9:30 a.m.-10:30 a.m. Meet and Greet**
- Meet the Mentor, Undergraduate Focus: Raymond N. DuBois**, McCormick Place West, Exhibit Hall, AACRcentral, p. 435
- 10:15 a.m.-11:45 a.m. NCI/NIH-Sponsored Session**
- NCI's Early Detection Research Network: Progress and Outlook**, Sudhir Srivastava, Chairperson, McCormick Place West, Room W194, p. 436
- Speakers:** Pierre P. Massion, Dean E. Brenner, Arul M. Chinnaiyan



**10:30 a.m.-12:30 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention**

**HIV Malignancies: Current Dilemmas and Future Directions**, Richard F. Ambinder and Elizabeth Chiao, Co-Chairpersons, McCormick Place West, Room W187, p. 437  
[CME]

**Speakers:** Meredith S. Shiels, Corey Casper, Elizabeth Chiao, Richard F. Ambinder

**Recent Advances in the Biology and Therapeutic Targeting of the mTOR Pathway**, Robert T. Abraham and David M. Sabatini, Co-Chairpersons, McCormick Place West, Room W192, p. 438  
[CME]

**Speakers:** David M. Sabatini, Elizabeth P. Henske, Leon O. Murphy, David B. Solit

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

**Biology and Therapy of MPN and MDS: Novel Insights From Genetic and Functional Studies**, Ross L. Levine and Catriona H. Jamieson, Co-Chairpersons, McCormick Place West, Room W181, p. 439  
[CME]

**Speakers:** Catriona H. Jamieson, Benjamin Ebert, Ross L. Levine, Emmanuelle Passegué

**The Epigenome/Genome in Colorectal Cancer: From Discovery to Therapeutics**, S. Gail Eckhardt and Sanford D. Markowitz, Co-Chairpersons, McCormick Place West, Room W190, p. 439  
[CME]

**Speakers:** S. Gail Eckhardt, Raju Kucherlapati, Peter W. Laird, Sanford D. Markowitz

**New and Old Targets as Prognostic and Therapeutic Biomarkers in Head and Neck Cancer**, Jennifer Rubin Grandis and Robert L. Ferris, Co-Chairpersons, McCormick Place West, Room W470, p. 440  
[CME]

**Speakers:** Robert L. Ferris, Ruud H. Brakenhoff, Jeffrey N. Myers, Barbara A. Burtress

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

**Designing Rational Combination Therapy for Cancer**, Michael B. Yaffe, Chairperson, McCormick Place West, Room W184, p. 441  
[CME]

**Speakers:** Sylvia K. Plevritis, Joshua M. Stuart, Brent R. Stockwell, Douglas A. Lauffenburger

**Genomic Integrity in Cancer**, Karlene A. Cimprich, Chairperson, McCormick Place West, Room W183 B/C, p. 441  
[CME]

**Speakers:** Karlene A. Cimprich, Anindya Dutta, Jan Karlseder, Angelika Amon, Óscar Fernández-Capetillo

**Immune Cell Function and Cancer In Vivo: Visualizing Friends and Foes**, Christopher H. Contag, Chairperson, McCormick Place West, Room W185, p. 442  
[CME]

**Speakers:** John S. Condeelis, Charles Lin, Christopher H. Contag, I. Jolanda M. de Vries

**Influence of Energy Balance and Obesity on Cancer Disparities: The MICR Scientific Symposium**, Amelie G. Ramirez and Christopher I. Li, Co-Chairpersons, McCormick Place South, Room S106, p. 442  
[CME]

**Speakers:** Rong Li, Steven D. Mittelman, Wendy Demark-Wahnefried, Kathryn H. Schmitz

**Pediatric Cancer Genomics: Honoring St. Jude Children's Research Hospital's 50th Anniversary**, James R. Downing, Chairperson, McCormick Place West, Room W196, p. 443  
[CME]

**Speakers:** Jinghui Zhang, Charles G. Mullighan, Michael D. Taylor, John M. Maris

**Screening and Cancer Prevention in Underdeveloped Environments**, Eduardo Cazap, Chairperson, McCormick Place South, Room S102, p. 444  
[CME]

**Speakers:** Eduardo Cazap, Laurence H. Baker, Mei-Hwei Chang, Surendra S. Shastri

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**The Stanley J. Korsmeyer Memorial Symposium: Programmed Necrosis**, Douglas R. Green, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 444

[CME]

**Speakers:** Douglas R. Green, Peter Vandenabeele, Alexei Degterev, Xiaodong Wang

**Tumor Extracellular Matrix: An Emerging Target for Therapies**, Richard O. Hynes, Chairperson, McCormick Place South, Room S105, p. 445

[CME]

**Speakers:** Richard O. Hynes, Ilaria Malanchi, Valerie M. Weaver, Dario Neri

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

**Securing the Future of Cancer Research Funding: The Essential Role of Early-Career Scientists in Advocacy, Organized by the Associate Member Council**, Hyatt Conference Center, Room CC12 C-D, p. 446

**Speakers:** Mary Lee Watts, Mark Fleury, Aime T. Franco, Anirban P. Mitra

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

**Codevelopment of Two or More Investigational Drugs**, Frank McCormick, Chairperson, McCormick Place West, Room W178, p. 447

[CME]

**Speakers:** Jeffrey A. Engelman, Roy S. Herbst, Stuart G. Lutzker, Janet Woodcock

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

**Pancreatic Cancer Action Network–AACR Research Grants Poster Presentation and Discussion**, Dafna Bar-Sagi and Lynn M. Matrisian, Moderators, Hyatt Conference Center, Room CC10 A-C, p. 448

**Speakers:** Alec Kimmelman, E. S. Seeley, Cosimo Commisso, Jennifer M. Bailey, Dimitrios Iliopoulos, Michael N. VanSaun, Hidde L. Ploegh, Kenneth P. Olive, Jonathan R. Brody, Lisa A. Cannon-Albright, James R. Eshleman

### 11:00 a.m.-12:00 p.m. Meet the Research Pioneer

**Lisa M. Coussens**, McCormick Place West, Exhibit Hall, AACRcentral, p. 449

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

**The NCI's Nanotechnology Characterization Laboratory: How to Evaluate Novel Materials for Cancer Therapy and Diagnosis**, Piotr Grodzinski, Chairperson, McCormick Place West, Room W194, p. 450

**Speakers:** Scott E. McNeil, Neil P. Desai, Jeff Hrkach, Julia Y. Ljubimova

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

**Ninth Annual Gertrude B. Elion Cancer Research Award Lecture**, McCormick Place West, Room W187, p. 451

[CME]

**Speaker:** Charles G. Mullighan

### 1:00 p.m.-2:00 p.m. Meet the Research Pioneer

**Jonathan D. Licht**, McCormick Place West, Exhibit Hall, AACRcentral, p. 452

### 1:00 p.m.-3:00 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention

**Postmenopausal Hormone Therapy, Cancer, and Other Health Outcomes: Where Are We Now?** Ross L. Prentice and Bette J. Caan, Co-Chairpersons, McCormick Place West, Room W470, p. 453

[CME]

**Speakers:** Rowan T. Chlebowski, Graham A. Colditz, Garnet L. Anderson, James V. Lacey

**Targeting the EGFR Family with Small Molecules**, William Pao and Mark A. Lemmon, Co-Chairpersons, McCormick Place West, Room W181, p. 453

[CME]

**Speakers:** Jeffrey A. Engelman, William Pao, Pasi A. Jänne, Mark A. Lemmon

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

**Advancing Targeted Therapy and Immunotherapy in Melanoma**, Levi A. Garraway and Lynn Schuchter, Co-Chairpersons, McCormick Place West, Room W192, p. 454

[CME]

**Speakers:** Antoni Ribas, Keith T. Flaherty, Levi A. Garraway, Georgina Long

**New Therapeutic Strategies in B-Cell Lymphoma and Leukemia Using Genomics and Signaling Inhibitors**,

Louis M. Staudt and Kerry J. Savage, Co-Chairpersons, McCormick Place West, Room W187, p. 455

[CME]

**Speakers:** Kerry J. Savage, Louis M. Staudt, Elias Campo, John C. Byrd

**Translational Advances in Mesothelioma: Predisposition, Progression, Therapeutics**, Jonathan A. Fletcher and Hedy L. Kindler, Co-Chairpersons, McCormick Place South, Room S106, p. 455

[CME]

**Speakers:** Marc Ladanyi, Joseph R. Testa, Dean Fennell, Hedy L. Kindler

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

**The Bayard D. Clarkson Symposium on Stem Cells and Cancer: Stem Cells, Self-Renewal, and Cancer**, Sean J. Morrison, Chairperson, McCormick Place West, Room W183 B/C, p. 456

[CME]

**Speakers:** Sean J. Morrison, Ravindra Majeti, Benjamin G. Neel, Scott A. Armstrong

**Beyond Genetic Association Studies**, Matthew L. Freedman, Chairperson, McCormick Place South, Room S103, p. 456

[CME]

**Speakers:** Stephen J. Chanock, Thomas J. Hudson, Nazneen Rahman, John Stamatoyannopoulos

**Cell and Tissue Size Control in Cancer**, John Blenis, Chairperson, McCormick Place South, Room S105, p. 457

[CME]

**Speakers:** John Blenis, Brendan D. Manning, Kun-Liang Liang Guan, Liliana Attisano

**Genomics and Progression of Metastasis**, Kari K. Alitalo, Chairperson, McCormick Place West, Room W184, p. 458

[CME]

**Speakers:** Kari K. Alitalo, Raghu Kalluri, Michael R. Stratton, Christine A. Iacobuzio-Donahue

**Impact of Brain-Immune System Interactions on Cancer Development and Health-Related Quality of Life**, Andrew Miller, Chairperson, McCormick Place West, Room W190, p. 458

[CME]

**Speakers:** Firdaus S. Dhabhar, Leah M. Pyter, Julienne Bower, Andrew Miller

**Interrogating Antitumor Immunity**, Pamela S. Ohashi, Chairperson, McCormick Place West, Room W185, p. 459

[CME]

**Speakers:** Jerome Galon, Francesco M. Marincola, Jedd D. Wolchok, Pamela S. Ohashi

**Medicines Targeting Genetic Alterations**, Nathanael S. Gray, Chairperson, McCormick Place South, Room S102, p. 460

[CME]

**Speakers:** Nathanael S. Gray, John Kuriyan, Gideon Bollag, James G. Christensen

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

**Academia, Industry, Government: Which Is the Right Path for Me? Organized by the Associate Member Council**, Hyatt Conference Center, Regency Ballroom, p. 461

**Speakers:** William N. Hait, George C. Prendergast

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

- MCB48 Cellular Stressors 2: Hypoxia and Senescence**, McCormick Place West, Exhibit Hall, Poster Section 1, p. 462
- MCB49 Computational Biology Algorithms, Software, and Modeling**, McCormick Place West, Exhibit Hall, Poster Section 2, p. 463
- MCB50 Cytoplasmic Oncogenes and Tumor Suppressors**, McCormick Place West, Exhibit Hall, Poster Section 3, p. 464
- MCB51 Epigenetic Targets**, McCormick Place West, Exhibit Hall, Poster Section 4, p. 465
- MCB52 Imaging and Cytometry**, McCormick Place West, Exhibit Hall, Poster Section 5, p. 466
- MCB53 Inhibitors and Biomarkers**, McCormick Place West, Exhibit Hall, Poster Section 6, p. 467
- MCB54 Metabolic Stress Responses**, McCormick Place West, Exhibit Hall, Poster Section 7, p. 468
- MCB55 microRNAs in Body Fluids: Functions and Use for Patients**, McCormick Place West, Exhibit Hall, Poster Section 8, p. 469
- MCB56 Ras Signaling**, McCormick Place West, Exhibit Hall, Poster Section 9, p. 470
- MCB57 Transcriptional and Posttranscriptional Gene Regulatory Networks**, McCormick Place West, Exhibit Hall, Poster Section 10, p. 471
- TB36 Cell-Cell Adhesion in Regulating Cancer Progression and Drug Resistance**, McCormick Place West, Exhibit Hall, Poster Section 11, p. 472
- TB37 Emerging Models of Human Cancer 1**, McCormick Place West, Exhibit Hall, Poster Section 12, p. 473
- TB38 Gene Expression and Epigenetic Regulation in Microenvironment**, McCormick Place West, Exhibit Hall, Poster Section 13, p. 474
- TB39 Imaging of the Immune System, Nanoparticles, and Therapeutic Responses**, McCormick Place West, Exhibit Hall, Poster Section 14, p. 475
- TB40 Migration and Invasion 3**, McCormick Place West, Exhibit Hall, Poster Section 15, p. 476
- TB41 Pediatric Oncology 3**, McCormick Place West, Exhibit Hall, Poster Section 16, p. 477
- TB42 Radiation-Induced Cytokines and Normal Tissue Effects**, McCormick Place West, Exhibit Hall, Poster Section 17, p. 478
- TB43 Tumor-Host Interactions in Angiogenesis**, McCormick Place West, Exhibit Hall, Poster Section 18, p. 479
- IM7 Immunomodulation and Combinatorial Immunotherapy**, McCormick Place West, Exhibit Hall, Poster Section 19, p. 480
- CG3 Pathogenesis of Gastrointestinal and Hepatocellular Carcinomas**, McCormick Place West, Exhibit Hall, Poster Section 20, p. 481
- PR8 Diverse Topics in Prevention, Screening, and Survivorship**, McCormick Place West, Exhibit Hall, Poster Section 21, p. 482
- EP10 Biomarkers of Endogenous or Exogenous Exposures and Early Detection**, McCormick Place West, Exhibit Hall, Poster Section 22, p. 483
- EP11 Biomarkers of Prognosis**, McCormick Place West, Exhibit Hall, Poster Section 23, p. 484
- CL17 Biomarkers of Colorectal and Gastric Cancers**, McCormick Place West, Exhibit Hall, Poster Section 24, p. 485
- CL18 Imaging and Molecular Diagnostics**, McCormick Place West, Exhibit Hall, Poster Section 25, p. 486
- CL19 Molecular Targets and Pathways 2**, McCormick Place West, Exhibit Hall, Poster Section 26, p. 487
- CL20 Translational Science 3: Head and Neck, Gynecologic, and Hematologic Malignancies**, McCormick Place West, Exhibit Hall, Poster Section 27, p. 488
- ET32 Antibody and Microenvironmental Therapies**, McCormick Place West, Exhibit Hall, Poster Section 28, p. 489
- ET33 Autophagy and Apoptosis Signaling Pathways**, McCormick Place West, Exhibit Hall, Poster Section 29, p. 490
- ET34 Cell Death and the Modulation of DNA Repair**, McCormick Place West, Exhibit Hall, Poster Section 30, p. 491
- ET35 Inhibitors of Epigenetic and Gene Regulatory Targets**, McCormick Place West, Exhibit Hall, Poster Section 31, p. 492

- ET36** **New Targets in Epigenetics and Transcriptional Regulation**, McCormick Place West, Exhibit Hall, Poster Section 32, p. 493
- CH7** **Chemical and Structural Biology of Cancer**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 494
- CH8** **Drug Design 2**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 495
- CH 9** **Proteomics: Biomarkers and Signaling Networks**, McCormick Place West, Exhibit Hall, Poster Section 36, p. 496

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

- Epidemiology**, McCormick Place West, Exhibit Hall, Poster Section 40
- Experimental and Molecular Therapeutics 2**, McCormick Place West, Exhibit Hall, Poster Section 39
- Molecular and Cellular Biology 5**, McCormick Place West, Exhibit Hall, Poster Section 37
- Molecular and Cellular Biology 6**, McCormick Place West, Exhibit Hall, Poster Section 38

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

- Funding Opportunities for Cancer Research at Multiple NIH Institutes and Centers with NIH Experts**, Phuong Kim Pham, Chairperson, McCormick Place West, Room W194, p. 497
- Speakers:** Rajeev K. Agarwal, Nancy C. Lohrey, Pamela A. Marino, Kimberly A. McAllister, Phuong Kim Pham, Lambratu Rahman-Sesay, Sundaresan Venkatachalam

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

- Protected Time for Research: What Every Physician-Scientist Should Know**, McCormick Place West, Exhibit Hall, AACRCentral, p. 498
- Speakers:** Ron Bose, James E. Thompson

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

- Sixth Annual AACR Award for Outstanding Achievement in Chemistry in Cancer Research**, McCormick Place West, Room W196, p. 499
- [CME]**
- Speaker:** Stephen W. Fesik

- Twenty-First Annual AACR-American Cancer Society Award for Research Excellence in Cancer Epidemiology and Prevention**, McCormick Place South, Room S100 (Grand Ballroom), p. 500
- [CME]**

**Speaker:** Graham A. Colditz

**3:00 p.m.-4:00 p.m. Special Session**

- Love/Avon Army of Women Panel Discussion: Crossing the Chasm from Animal Models to Women**, McCormick Place West, Room W471, p. 501
- Speakers:** Susan Love, Carlos Sonnenschein, Carla V. Finkielstein, Susan E. Clare, Olympia Kalagidis

**3:00 p.m.-4:30 p.m. NIH-Sponsored Session**

- Technology Transfer and Intellectual Property: Financial and Career Opportunities for Researchers**, Phuong Kim Pham, Chairperson, McCormick Place West, Room W194, p. 502
- Speakers:** Joseph Contrera, Robert Iannone, John de Kanel, Phuong Kim Pham

**3:00 p.m.-4:30 p.m. Science Policy Session**

- Evolution of Translational Omics: Lessons Learned and the Path Forward—A New Report from the Institute of Medicine**, McCormick Place West, Room W178, p. 503
- [CME]**
- Speakers:** Gilbert S. Omenn, Joe W. Gray, Daniela M. Witten, Daniel F. Hayes

**3:00 p.m.-5:00 p.m. Late-Breaking Minisymposium**

- Late-Breaking Advances in Cancer Research**, McCormick Place South, Room S106, p. 510



## 3:00 p.m.-5:10 p.m. Clinical Trials Symposium

**Clinical Trials Symposium 4: Clinical Trials of Agents for the Treatment of Prostate and Genitourinary Cancers**, Chairperson TBD, McCormick Place West, Room W183 B/C, p. 504

[CME]

**Speakers:** Mary-Ellen Taplin, Johann S. de Bono, Andrea Necchi, Charles Ryan, Dennis Wagner

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

**CG4 Molecular and Environmental Mechanisms of Carcinogenesis**, McCormick Place West, Room W181, p. 505

[CME]

**CL21 Biomarkers for Pathways and Targets**, McCormick Place West, Room W192, p. 505

[CME]

**ET37 Establishing Preclinical Rationale for Biological Therapeutic Agents**, McCormick Place West, Room W470, p. 506

[CME]

**ET38 Mechanisms of Drug Resistance**, McCormick Place West, Room W184, p. 506

[CME]

**IM 8 Tumor Immunotherapy: New Frontiers**, McCormick Place South, Room S102, p. 507

[CME]

**MCB58 Cell Death Mechanisms**, McCormick Place West, Room W185, p. 507

[CME]

**MCB59 Functional Identification and Characterization of New Cancer Genes**, McCormick Place West, Room W190, p. 508

[CME]

**MCB60 Tumor Biology**, McCormick Place South, Room S103, p. 508

[CME]

**TB44 Genomics of Pediatric Cancer**, McCormick Place West, Room W187, p. 509

[CME]

**TB45 Mouse Models of Human Cancer**, McCormick Place South, Room S105, p. 509

[CME]

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

**Meet the AACR President 2012-2013: Frank McCormick**, McCormick Place West, Exhibit Hall, AACRcentral, p. 511

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

**Building Your Skill Set for Cancer Research Careers in Industry**, McCormick Place West, Exhibit Hall, AACRcentral, p. 512

**Speakers:** Marc T. Abrams, Kelly L. Covello

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

**Seventeenth Annual AACR-Joseph H. Burchenal Memorial Award for Outstanding Achievement in Clinical Cancer Research**, McCormick Place South, Room S100 (Grand Ballroom), p. 513

[CME]

**Speaker:** Lawrence H. Einhorn

**Thirty-Second Annual AACR Award for Outstanding Achievement in Cancer Research**, McCormick Place West, Room W196, p. 514

[CME]

**Speaker:** Yibin Kang

## 4:30 p.m.-6:00 p.m. European Commission-Sponsored Session

**Coordination of Collaborative Translational Cancer Research in Europe: Towards Evidence-Based Therapies and Care**, McCormick Place West, Room W194, p. 515

**Speakers:** Jan-Willem van de Loo, Charles Swanton, Susanne Saußebe, René Bernards, John Michael Dornish, Alberto Bardelli

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## 5:00 p.m.–6:30 p.m. Forums

**Assessing Antiangiogenic Drugs Preclinically: How Predictive and Clinically Relevant Are the Models?** Napoleone Ferrara, Moderator, McCormick Place West, Room W185, p. 516

[\[CME\]](#)

**Speakers:** Robert S. Kerbel, Lee M. Ellis

**Can siRNA Cure Cancer?** Daniel G. Anderson, Moderator, McCormick Place South, Room S105, p. 516

[\[CME\]](#)

**Speakers:** Mark Kay, Jared A. Gollob

**Envisioning Improved Anticancer Drug Development,** Johann S. de Bono, Moderator, McCormick Place West, Room W183 B/C, p. 516

[\[CME\]](#)

**Speakers:** Patricia M. LoRusso, Timothy A. Yap

**Nutrition and Cancer: How Much Does It Really Matter?** Peter Greenwald, Moderator, John A. Milner, Chairperson, McCormick Place South, Room S102, p. 517

[\[CME\]](#)

**Speakers:** Elio Riboli, Henry J. Thompson

**Viruses in Cancer Diagnostics and Therapeutics,** Renata Pasqualini, Moderator, McCormick Place West, Room W190, p. 517

[\[CME\]](#)

**Speakers:** Wadih Arap, John C. Bell, Bernard Roizman

**What Can We Learn About Cancer From Nonmammalian Models?** Ross L. Cagan, Moderator, McCormick Place South, Room S103, p. 518

[\[CME\]](#)

**Speakers:** A. Thomas Look, Tian Xu

**What Has GWAS Taught Us About Cancer?** Christine B. Ambrosone, Moderator, McCormick Place West, Room W184, p. 518

[\[CME\]](#)

**Speakers:** Wei Zheng, David B. Goldstein

## 6:30 p.m.–8:30 p.m. TME Town Meeting

**Tumor Microenvironment Working Group (TME): Drug Targets in the Tumor Microenvironment,** Kornelia Polyak and M. Celeste Simon, Co-Chairpersons, Hilton Chicago, International Ballroom South, p. 519

**Speakers:** Rebecca G. Bagley, Giovanni Melillo, Hegde Priti

## Wednesday, April 4, 2012

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

**DNA Damage Responses: Bedside to Bench to Bedside,** McCormick Place West, Room W181, p. 521

[\[CME\]](#)

**Speaker:** Michael B. Kastan

**Epigenetic Deregulation in AML,** McCormick Place West, Room W474, p. 521

[\[CME\]](#)

**Speakers:** Maria E. Figueroa

**Genomic Approaches to Cancer,** McCormick Place West, Room W187, p. 522

[\[CME\]](#)

**Speaker:** Todd R. Golub

**Loss of the 14-3-3 $\sigma$  Tumor Suppressor Is a Critical Event in ErbB2-Mediated Tumor Progression,** McCormick Place West, Room W471, p. 522

[\[CME\]](#)

**Speaker:** William Muller

**Principles and Practice of Molecular Pharmacodynamics in Cancer Drug Discovery,** McCormick Place West, Room W179, p. 522

[\[CME\]](#)

**Speaker:** James H. Doroshow

**Surprising Insights into BRCA1 Function(s),** McCormick Place South, Room S106, p. 522

[\[CME\]](#)

**Speaker:** David M. Livingston

**Targeting Cancer Metabolism: Hype, Hope, and MYC**, McCormick Place West, Room W185, p. 523

[CME]

**Speaker:** Chi Van Dang

**Will the Real Li-Fraumeni Syndrome Please Stand Up?** McCormick Place West, Room W178, p. 523

[CME]

**Speaker:** Louise C. Strong

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

**Pathway-Targeted Therapeutics: Coming of Age**, Charles L. Sawyers, Chairperson, McCormick Place South, Room S100 (Grand Ballroom), p. 524

[CME]

**Speakers:** Joseph Schlessinger, Richard M. Marais, Alice T. Shaw, Charles L. Sawyers

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

**MCB61 Apoptosis and Cancer Therapy**, McCormick Place West, Exhibit Hall, Poster Section 1, p. 525

**MCB62 Cancer Systems Biology 1**, McCormick Place West, Exhibit Hall, Poster Section 2, p. 526

**MCB63 Cancer Systems Biology 2**, McCormick Place West, Exhibit Hall, Poster Section 3, p. 527

**MCB64 Cell Death Effector Mechanisms**, McCormick Place West, Exhibit Hall, Poster Section 4, p. 528

**MCB65 Cellular Stressors 3: Aging and the Unfolded Protein Response**, McCormick Place West, Exhibit Hall, Poster Section 5, p. 529

**MCB66 Epigenomics**, McCormick Place West, Exhibit Hall, Poster Section 6, p. 530

**MCB67 microRNAs as Cancer Players**, McCormick Place West, Exhibit Hall, Poster Section 7, p. 531

**MCB68 Oncogenomics 1**, McCormick Place West, Exhibit Hall, Poster Section 8, p. 532

**MCB69 Oncogenomics 2**, McCormick Place West, Exhibit Hall, Poster Section 9, p. 533

**MCB70 Oncogenomics 3**, McCormick Place West, Exhibit Hall, Poster Section 10, p. 534

**MCB71 Signaling Pathways Regulating Cancer Metabolism**, McCormick Place West, Exhibit Hall, Poster Section 11, p. 535

**TB46 Cell-Cell and Cell-Matrix Adhesion**, McCormick Place West, Exhibit Hall, Poster Section 12, p. 536

**TB47 Developmental Pathways Regulating Cancer Stem Cells**, McCormick Place West, Exhibit Hall, Poster Section 13, p. 537

**TB48 Drug Targets, Tumor Dormancy, and Microenvironment**, McCormick Place West, Exhibit Hall, Poster Section 14, p. 538

**TB49 Emerging Models of Human Cancer 2**, McCormick Place West, Exhibit Hall, Poster Section 15, p. 539

**TB50 Mechanisms of Angiogenesis**, McCormick Place West, Exhibit Hall, Poster Section 16, p. 540

**TB51 Metastasis-Promoting Genes**, McCormick Place West, Exhibit Hall, Poster Section 17, p. 541

**TB52 Methods and Markers to Identify Cancer Stem Cells**, McCormick Place West, Exhibit Hall, Poster Section 18, p. 542

**IM9 Clinical and Developmental Immunotherapy**, McCormick Place West, Exhibit Hall, Poster Section 19, p. 543

**IM10 Tumor Immunobiology 3**, McCormick Place West, Exhibit Hall, Poster Section 20, p. 544

**PR9 Preclinical Prevention Studies 6: Dietary and Nutritional Interventions**, McCormick Place West, Exhibit Hall, Poster Section 21, p. 545

**CG5 Chemical and Environmental Carcinogenesis**, McCormick Place West, Exhibit Hall, Poster Section 22, p. 546

**EP12 Epidemiologic Risk Factors, Infection, and Inflammation**, McCormick Place West, Exhibit Hall, Poster Section 23, p. 547

**EP13 Epidemiology Risk Factors and Methodology**, McCormick Place West, Exhibit Hall, Poster Section 24, p. 548

**CL22 Biomarkers and Targets**, McCormick Place West, Exhibit Hall, Poster Section 26, p. 549

**CL23 Biomarkers of Melanoma, Nervous System, Blood, and Other Tumors**, McCormick Place West, Exhibit Hall, Poster Section 27, p. 550

- CL24** **Drug Resistance and Phase I Studies**, McCormick Place West, Exhibit Hall, Poster Section 28, p. 551
- ET39** **Cytoplasmic Kinases and Drug Resistance**, McCormick Place West, Exhibit Hall, Poster Section 29, p. 552
- ET40** **Exploiting Cancer Biology to Find Novel Drugs, Including Natural Products**, McCormick Place West, Exhibit Hall, Poster Section 30, p. 553
- ET41** **Gene Therapy: Vectors, Oncolytic Viruses, Targeted Nanoparticles, RNAi Molecules**, McCormick Place West, Exhibit Hall, Poster Section 31, p. 554
- ET42** **Molecular Pharmacology and Drug Resistance**, McCormick Place West, Exhibit Hall, Poster Section 32, p. 555
- ET43** **Novel Drug Delivery Strategies**, McCormick Place West, Exhibit Hall, Poster Section 33, p. 556
- ET44** **Preclinical Radiotherapeutics**, McCormick Place West, Exhibit Hall, Poster Section 34, p. 557
- CH10** **Chemical Aspects of Carcinogenesis/ Imaging Agents and Radiotherapeutics**, McCormick Place West, Exhibit Hall, Poster Section 35, p. 558
- EN4** **Hormones, Receptors, and Endocrine-Related Cancers**, McCormick Place West, Exhibit Hall, Poster Section 36, p. 559

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

- Clinical Research**, McCormick Place West, Exhibit Hall, Poster Section 39
- Molecular and Cellular Biology 7**, McCormick Place West, Exhibit Hall, Poster Section 37
- Tumor Biology 4**, McCormick Place West, Exhibit Hall, Poster Section 38

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

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

**Thirty-Sixth Annual AACR Richard and Hinda Rosenthal Memorial Award**, McCormick Place South, Room S100 (Grand Ballroom), p. 561

[CME]

**Speaker:** Maura L. Gillison

**11:00 a.m.-1:00 p.m. Current Concepts and Controversies in Diagnostics, Therapeutics, and Prevention**

**Preclinical and Clinical Evaluation of PI3K Pathway Inhibitors**, Lewis C. Cantley and José Baselga, Co-Chairpersons, McCormick Place West, Room W192, p. 562

[CME]

**Speakers:** Lewis C. Cantley, José Baselga, Langdon L. Miller, Ramon E. Parsons

**Targeting the Cell Cycle in Cancer**, Helen M. Piwnicka-Worms and Geoffrey I. Shapiro, Co-Chairpersons, McCormick Place West, Room W187, p. 562

[CME]

**Speakers:** Geoffrey I. Shapiro, Helen M. Piwnicka-Worms, Tak W. Mak, Stephen R. Wedge

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

**Emerging Concepts in Pancreatic Neoplasms**, Dafna Bar-Sagi and Diane M. Simeone, Co-Chairpersons, McCormick Place West, Room W190, p. 563

[CME]

**Speakers:** Diane M. Simeone, Dafna Bar-Sagi, Manuel Hidalgo, Sunil R. Hingorani

**Mechanisms of Hereditary Cancer: Beyond the Tumor Suppressor Paradigm**, David Malkin and Charis Eng, Co-Chairpersons, McCormick Place West, Room W181, p. 563

[CME]

**Speakers:** William D. Foulkes, Steven E. Artandi, Charis Eng, David Malkin

**The Next Generation of Therapeutic Targets for Advanced Prostate Cancer**, Gerhardt Attard and Arul M. Chinnaiyan, Co-Chairpersons, McCormick Place West, Room W470, p. 564  
[\[CME\]](#)

**Speakers:** Gerhardt Attard, Brett S. Carver, Karen E. Knudsen, Mark A. Rubin

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

**Autophagy and Cancer**, Eileen P. White, Chairperson, McCormick Place West, Room W183 B/C, p. 565  
[\[CME\]](#)

**Speakers:** Eileen P. White, Jun-Lin Guan, Kevin Ryan, Junying Yuan

**Developmental Pathways in Cancer**, Jeffrey Wrana, Chairperson, McCormick Place West, Room W184, p. 566  
[\[CME\]](#)

**Speakers:** Frederic J. de Sauvage, Jeremy Reiter, Senthil K. Muthuswamy, Jeffrey Wrana

**Genetics and Epigenetics of Hematologic Malignancies**, Olivier Bernard, Chairperson, McCormick Place South, Room S105, p. 566  
[\[CME\]](#)

**Speakers:** Olivier A. Bernard, Sai-Juan Chen, Yue Xiong, Brian Huntly

**Integrative Functional Genomics**, William C. Hahn, Chairperson, McCormick Place West, Room W196, p. 567  
[\[CME\]](#)

**Speakers:** William C. Hahn, Scott W. Lowe, Michael T. Hemann, Jason Moffat, Michael A. White

**Modulating Antitumor Responses by Stromal Cells and Innate Immunity**, Jeffrey W. Pollard, Chairperson, McCormick Place West, Room W185, p. 568  
[\[CME\]](#)

**Speakers:** Jeffrey W. Pollard, Robert H. Vonderheide, Nina Bhardwaj, Douglas T. Fearon

**Vascular Reprogramming to Improve Clinical Outcome**, Lena Claesson-Welsh, Chairperson, McCormick Place South, Room S103, p. 568  
[\[CME\]](#)

**Speakers:** Inder M. Verma, Donald M. McDonald, Lena Claesson-Welsh, Enrico Giraudo

**Visualizing the Metabolic Environment of Tumors**, Sarah J. Nelson, Chairperson, McCormick Place South, Room S102, p. 569  
[\[CME\]](#)

**Speakers:** Zaver M. Bhujwalla, Murali K. Cherukuri, Kenneth A. Krohn, Sarah J. Nelson