Saturday, April 12, 2008

8:00 AM-10:00 AM  Basic Science-Clinical Interface Sessions: Pathways to Progress

Cancer Therapeutics, Ronald Levy, Chairperson, Room 6F, San Diego Convention Center, p. 69

DNA Damage and Repair, Leona D. Samson, Chairperson, Room 6C, San Diego Convention Center, p. 70

Targeting Akt in Cancer: Promise, Progress, and Potential Pitfalls, Phillip A. Dennis, Chairperson, Room 6A, San Diego Convention Center, p. 70

8:00 AM-10:00 AM  Educational Sessions

Cancer Research in the Elderly, Lodovico Balducci, Chairperson, Room 6E, San Diego Convention Center, p. 71

Drug Resistance, Herbert M. Pinedo, Chairperson, Room 6B, San Diego Convention Center, p. 72

From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 1: Early Discovery and Lead Generation, Arie Zask, Chairperson, Ballroom 20D, San Diego Convention Center, p. 72

Go/No-Go Decisions in Clinical Trials, Eric H. Rubin, Chairperson, Room 33A-C, San Diego Convention Center, p. 73

Modifiable Risk Factors for Cancer, Leslie Bernstein, Chairperson, Room 11A-B, San Diego Convention Center, p. 73

Serum Biomarkers, Samir N. Khleif, Chairperson, Room 6D, San Diego Convention Center, p. 74

8:00 AM-10:00 AM  Methods Workshops

Imaging, Martin G. Pomper, Chairperson, Room 29A-D, San Diego Convention Center, p. 75

Molecular Analysis from Formalin-fixed Paraffin-embedded Tissue Blocks, Dennis C. Sgroi, Chairperson, Room 30A-C, San Diego Convention Center, p. 75

Translational Bioinformatics: Bytes to Bedside and Back, Gunaretnam Rajagopal, Chairperson, Room 31A-C, San Diego Convention Center, p. 76

8:30 AM-4:00 PM  Professional Advancement Session


10:00 AM-4:00 PM  Career Fair

Cancer and Biomedical Career Fair, Sails Pavilion, Upper Level, San Diego Convention Center, p. 77

10:15 AM-12:15 PM  Basic Science-Clinical Interface Sessions: Pathways to Progress

Met Therapeutics in Clinical Trials, George F. Vande Woude, Chairperson, Room 6C, San Diego Convention Center, p. 78

Targeting the Insulin-like Growth Factor (IGF) System as a Cancer Therapy, Douglas Yee, Chairperson, Room 6A, San Diego Convention Center, p. 78

TGF-β Blockade as Anticancer Therapy, Beverly A. Teicher, Chairperson, Room 6F, San Diego Convention Center, p. 79

10:15 AM-12:15 PM  Educational Sessions

Cancer Susceptibility: Environment-Gene Interaction, Suzanne D. Conzen, Chairperson, Room 7A-B, San Diego Convention Center, p. 80

From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 2: Kinase Target Discovery and Inhibitor Development, Matt V. Lorenzi, Chairperson, Ballroom 20D, San Diego Convention Center, p. 80

Hypoxia, Richard P. Hill, Chairperson, Room 29A-D, San Diego Convention Center, p. 81

Natural Products in Anticancer Drug Discovery, Sidney M. Hecht, Chairperson, Room 11A-B, San Diego Convention Center, p. 82

Understanding Transcription, Lorraine J. Gudas, Chairperson, Room 33A-C, San Diego Convention Center, p. 82
Saturday, April 12, 2008

10:15 AM-12:15 PM  Methods Workshops

Molecular Cancer Epidemiology, Paolo Boffetta, Chairperson, Room 6D, San Diego Convention Center, p. 83


Structure-based Drug Design: An Indispensable Tool for Anticancer Drug Discovery, William J. Welsh, Chairperson, Room 31A-C, San Diego Convention Center, p. 84

12:00 PM-4:00 PM  Professional Advancement Session

AACR Undergraduate Student Caucus and Poster Competition, Marriott Hall Salon 3, San Diego Marriott Hotel, p. 85

12:00 PM-5:00 PM  Professional Advancement Session

Eleventh Annual Grant Writing Workshop, Jeffrey M. Rosen and Stephen D. Hursting, Co-Chairpersons, Salon A-C, Level 4, Omni San Diego Hotel, p. 86

1:00 PM-3:00 PM  Basic Science-Clinical Interface Sessions: Pathways to Progress

Epidermal Growth Factor Receptor as a Therapeutic Target: Basic Mechanisms to Clinical Findings, Jeffrey Settleman, Chairperson, Room 6B, San Diego Convention Center, p. 87

Folates, Ann L. Jackman, Chairperson, Room 6D, San Diego Convention Center, p. 87

The mTOR Pathway as a Cancer Target, Peter J. Houghton, Chairperson, Room 29A-D, San Diego Convention Center, p. 88

1:00 PM-3:00 PM  Educational Sessions

Cell Death and Autophagy, Wafik S. El-Deiry, Chairperson, Room 7A-B, San Diego Convention Center, p. 89

Chronic Infection and Carcinogenesis: Biology and Application, Charles S. Rabkin, Chairperson, Room 31A, San Diego Convention Center, p. 89


Imaging the Tumor Microenvironment, Lynn M. Matrisian, Chairperson, Room 33A-C, San Diego Convention Center, p. 91

Personalized Medicine: Predictors of Response, Laura J. van’t Veer, Chairperson, Room 11A-B, San Diego Convention Center, p. 91

Smoking, Exercise, and Diet in Cancer Survivors: Translational Research Opportunities, Jimmie C. Holland, Chairperson, Room 25A-C, San Diego Convention Center, p. 92

The Cancer Stem Cell Hypothesis: Biological and Clinical Implications, Max S. Wicha, Chairperson, Room 6A, San Diego Convention Center, p. 92

1:00 PM-3:00 PM  Methods Workshops

Circulating Tumor Cells, Klaus Pantel, Chairperson, Room 30A-C, San Diego Convention Center, p. 93

Clinical Trial Design Workshop Part 1: A Journey from Classical to Innovative Approaches, J. Jack Lee and Lillian L. Siu, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 93

Epigenomics, Peter A. Jones, Chairperson, Room 6C, San Diego Convention Center, p. 94
Saturday, April 12, 2008

3:15 PM-5:15 PM Basic Science-Clinical Interface Sessions: Pathways to Progress

**Her2**, Nancy E. Hynes, Chairperson, Room 6A, San Diego Convention Center, p. 95

**Mitosis Inhibitors**, Pearl S. Huang, Chairperson, Room 29A-D, San Diego Convention Center, p. 95

**Targeting the Proteasome Pathway**, Julian Adams, Chairperson, Room 11A-B, San Diego Convention Center, p. 96

**Targeting Tumor Angiogenesis: VEGF and Beyond**, Gregory D. Plowman, Chairperson, Room 6B, San Diego Convention Center, p. 96

3:15 PM-5:15 PM Educational Sessions

**Combination Therapy with Radiation**, Bruce G. Haffty, Chairperson, Room 25A-C, San Diego Convention Center, p. 97

**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, Ballroom 20D, San Diego Convention Center, p. 97

**Mechanisms of Site-specific Metastasis**, Theresa A. Guise, Chairperson, Room 31A-C, San Diego Convention Center, p. 98

**Pharmacogenomics**, Robert B. Diasio, Chairperson, Room 7A-B, San Diego Convention Center, p. 98


**The Role of Cellular Senescence in Tumorigenesis and Cancer Therapy**, Laura D. Attardi, Chairperson, Room 6D, San Diego Convention Center, p. 99

**Understanding Intraepithelial Neoplasia**, Eva Szabo, Chairperson, Room 33A-C, San Diego Convention Center, p. 100

3:15 PM-5:15 PM Methods Workshops


**Nanotechnology and Cancer**, Mauro Ferrari, Chairperson, Room 28A-C, San Diego Convention Center, p. 102

**Pharmacokinetic Applications in Drug Development**, Sharyn D. Baker and Alex Sparreboom, Co-Chairpersons, Room 6E, San Diego Convention Center, p. 102

5:30 PM-6:45 PM Lecture

Eleventh Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lecture, Nancy E. Davidson, Room 6F, San Diego Convention Center, p. 103

5:30 PM-7:45 PM Professional Advancement Session

Sunday, April 13, 2008

7:00 AM-8:00 AM Meet-the-Expert Sessions

Cell Cycle in CNS Development and Cancer, Martine F. Roussel, Room 30A-C, San Diego Convention Center, p. 105

From Translation to Transformation: Control of mRNA Translation and Cancer, Christopher G. Proud, Room 33A-C, San Diego Convention Center, p. 105

Metabolism of Cell Growth: The Warburg Effect Revisited, Craig B. Thompson, Room 6B, San Diego Convention Center, p. 106

Modeling Cancer in the Mouse, Tyler E. Jacks, Room 6A, San Diego Convention Center, p. 106

Molecular Mechanisms Underlying Breast Tumor Heterogeneity, Kornelia Polyak, Room 6C, San Diego Convention Center, p. 107

Nitric Oxide: A Ubiquitous Molecule That Plays Multiple Roles in Cancer, Steven R. Tannenbaum and David A. Wink, Room 6E, San Diego Convention Center, p. 107

Oncology Clinical Trials for Drug Development: Challenges and Opportunities, David P. Schenkein, Room 11A-B, San Diego Convention Center, p. 107

Promotion of Inflammation-Associated Tumor Development through Retinoblastoma, Jean Y. J. Wang, Room 31A-C, San Diego Convention Center, p. 107


Targeting Apoptosis for Cancer Therapy, John C. Reed, Room 29A-D, San Diego Convention Center, p. 108

Telomeres and Telomerase Therapeutics, Woodring E. Wright, Room 7A-B, San Diego Convention Center, p. 108


The Kinome and Development of Protein Kinase Inhibitors, Tony Hunter, Room 6D, San Diego Convention Center, p. 108

7:00 AM-8:00 AM NCI/NIH-Sponsored Session

NIH Grants: Changes in Review and Funding Opportunities, Suresh Mohla, Moderator, Room 10, San Diego Convention Center, p. 109

8:00 AM-12:00 PM Poster Sessions

Exhibit Hall B-F, San Diego Convention Center

CB 1 Epigenetic Alterations in Cancer: Causes and Consequences, Poster Section 1, p. 110

CB 2 Epigenetic Profiling, Poster Section 2, p. 111

CB 3 Gene Regulation and Promoter Studies, Poster Section 3, p. 112

CB 4 Growth Control: Gene Regulation, Poster Section 4, p. 113

CB 5 Oncogenic Receptor Pathways, Poster Section 5, p. 114

CB 6 Post-translational Control of Gene Expression and Gene Silencing, Poster Section 6, p. 115

CB 7 Somatic Genetic Approaches to Cancer Gene Identification, Poster Section 7, p. 116

CL 1 Phase I Clinical Trials and Clinical Pharmacology 1/Novel Trial Designs, Poster Section 8, p. 117

CL 2 Phase I Clinical Trials and Clinical Pharmacology 2, Poster Section 9, p. 118

IM 1 Immune Biology/Tumor Microenvironment, Poster Section 10, p. 119

TB 1 Antiangiogenesis, Poster Section 12, p. 120

TB 2 Cell Surface and Signaling Changes Impacting Tumor Development and Progression, Poster Section 13, p. 121

TB 3 Genetic Modifiers of Metastasis, Poster Section 14, p. 122

TB 4 Inhibition of Angiogenesis and Targets for Inhibition, Poster Section 15, p. 123

Category Codes for Poster Sessions and Minisymposia

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### Sunday Event Schedule

#### Sunday, April 13, 2008

#### 8:00 AM-12:00 PM Late-Breaking Poster Session

**Exhibit Hall B-F, San Diego Convention Center**

- **Late-Breaking Research: Epidemiology**, Poster Section 19, p. 109

#### 8:15 AM-9:00 AM Award Presentations

- Second Annual AACR-Margaret Foti Award for Leadership and Extraordinary Achievements in Cancer Research, Hall G-H, San Diego Convention Center, p. 138
- Second Annual AACR Team Science Award, Hall G-H, San Diego Convention Center, p. 139
- Fifth Annual AACR Lifetime Achievement Award, Hall G-H, San Diego Convention Center, p. 140
- Landon Foundation-AACR INNOVATOR Award for Cancer Prevention Research, Hall G-H, San Diego Convention Center, p. 141
- AACR Centennial Medals for Distinguished Public Service, Hall G-H, San Diego Convention Center, p. 142

#### 9:00 AM-12:00 PM Opening Plenary Session

- Eileen P. White, Chairperson, Hall G-H, San Diego Convention Center, p. 144

#### 12:00 PM-1:00 PM Lecture

- Eleventh Annual Pezcoller Foundation-AACR International Award for Cancer Research Lecture, Axel Ullrich, Hall G-H, San Diego Convention Center, p. 147

#### 12:00 PM-3:00 PM New Concepts in Organ Site Research

- Pancreatic Cancer: Recent Progress and Current Challenges, David A. Tuveson and Daniel D. Von Hoff, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 148
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12:15 PM - 2:30 PM  New Concepts in Organ Site Research

Triple Negative Breast Cancer, Joan S. Brugge and Nancy E. Davidson, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 149

12:30 PM-2:00 PM  Science Policy Forum

The Future of Chemoprevention: Regulatory Challenges and Public Attitudes, Raymond N. DuBois, Chairperson, Room 24A-C, San Diego Convention Center, p. 150

12:30 PM - 2:30 PM  New Concepts in Organ Site Research

A Paradigm Rift in Myelodysplastic Syndromes: New Insights Range From Bench to Bedside, Jean-Pierre Issa and Azra Raza, Co-Chairpersons, Room 7A-B, San Diego Convention Center, p. 150

12:30 PM-3:00 PM  New Concepts in Organ Site Research

Functional Genomics and Therapeutic Targets in Liver Cancer, Snorri S. Thorgeirsson and Susan L. Kelley, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 151

1:00 PM -2:30 PM  Forums

Decisions at the Phase II/Phase III Interface, David R. Spriggs, Moderator, Ballroom 20D, San Diego Convention Center, p. 152

Cure or Containment Strategies in Treating Multiple Myeloma Entities, Bart Barlogie, Moderator, Room 6B, San Diego Convention Center, p. 152

Targeted Therapy for Personalized Cancer Care: Matching the Economics to Evolving Science, Kapil Dhallngra, Moderator, Room 6E, San Diego Convention Center, p. 152

What Causes Cancer?, John D. Groopman, Moderator, Room 6A, San Diego Convention Center, p. 152

1:00 PM-3:00 PM  Drug Development Track Special Session 1

New Drugs on the Horizon 1, Emma M. Lees and Steven K. Davidsen, Co-Chairpersons, Ballroom 20A-C, San Diego Convention Center, p. 153

1:00 PM-5:00 PM  Late-Breaking Poster Sessions

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Late-Breaking Research: Cellular and Molecular Biology 1, Poster Section 18, p. 183

Late-Breaking Research: Cellular and Molecular Biology 2, Poster Section 19, p. 183

Late-Breaking Research: Clinical Research 1: Phase I-III Clinical Trials, Poster Section 20, p. 183

Late-Breaking Research: Tumor Biology 1, Poster Section 21, p. 183

1:00 PM-5:00 PM  Poster Sessions

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CB 8 Computational Systems Biology Applications and Resources, Poster Section 1, p. 154

CB 9 Death Receptor and XIAP Antagonist Induced Apoptosis, Poster Section 2, p. 155

CB 10 DNA Damage and Repair, Poster Section 3, p. 156

CB 11 Signaling Pathways That Regulate Gene Expression, Poster Section 4, p. 157

CB 12 Therapeutic Implications of Oncogenic Pathways 1, Poster Section 5, p. 158

CB 13 Translational and Functional Genomics, Poster Section 6, p. 159

CL 3 Biomarkers for Diagnosis and Detection, Poster Section 7, p. 160

CL 4 Prognostic Biomarkers 1, Poster Section 8, p. 161

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Sunday, April 13, 2008

1:30 PM-2:30 PM  
NCI/NIH-Sponsored Session

NCI Supported Extramural Research Training and Career Development Opportunities, Room 10, San Diego Convention Center, p. 184

1:30 PM-3:00 PM  
Town Meeting

Annual Forum for Early-Career Scientists, Room 23A-C, San Diego Convention Center, p. 184

2:00 PM-4:00 PM  
Special Session

Special Session on the AACR-FDA-NCI Cancer Biomarkers Collaborative, William N. Hait, Samir N. Khleif, and James H. Doroshow, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 185

2:00 PM-5:30 PM  
Minisymposia

CB 14 Programmed Cell Death in Tumorigenesis and Therapy, Roya Khosravi-Far and Simone Fulda, Co-Chairpersons, Room 11A-B, San Diego Convention Center, p. 186


EN 2 Molecular Pathways for Sex Hormone Signaling in Breast and Prostate Cancer, John T. Isaacs and Natasha Kyprianou, Co-Chairpersons, Room 24A-C, San Diego Convention Center, p. 187

ET 15 Small Molecule Inhibitors of Novel Targets, Manish A. Shah and Elisabeth I. Heath, Co-Chairpersons, Room 33A-C, San Diego Convention Center, p. 187

PR 4 Biomarkers in Cancer Prevention, Monica M. Bertagnolli and David Sidransky, Co-Chairpersons, Room 31A-C, San Diego Convention Center, p. 188

TB 13 Molecular Basis for Organ-specific Metastasis, Brunhilde Felding-Habermann and Andrea M. Mastro, Co-Chairpersons, Room 25A-C, San Diego Convention Center, p. 188

TB 14 Pediatric Cancer 1, John M. Maris and Peter J. Houghton, Co-Chairpersons, Room 6D, San Diego Convention Center, p. 189
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New Drugs on the Horizon 2, Matthew A. Marx and Sara A. Courtneidge, Co-Chairpersons, Ballroom 20A-C, San Diego Convention Center, p. 190

3:15 PM-5:15 PM Symposia

c-Met Signaling and Human Cancer, George F. Vande Woude, Chairperson, Room 6F, San Diego Convention Center, p. 191

Cancer Genomics, Joseph R. Nevins and Michael R. Stratton, Co-Chairpersons, Room 6B, San Diego Convention Center, p. 191


Immune Evasion and Surveillance, Robert D. Schreiber and Glenn Dranoff, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 192

Metabolism and Cancer, Craig B. Thompson, Chairperson, Room 29A-D, San Diego Convention Center, p. 193

Targeting Chromatin-modifying Proteins, Victoria M. Richon, Chairperson, Room 6A, San Diego Convention Center, p. 193

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Third Annual AACR-Minorities in Cancer Research Jane Cooke Wright Lecture, Arthur Gutierrez-Hartmann, Room 6E, San Diego Convention Center, p. 194

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Second Annual AACR Award for Outstanding Achievement in Chemistry in Cancer Research Lecture, Steven R. Tannenbaum, Ballroom 20A-C, San Diego Convention Center, p. 195

5:30 PM-6:30 PM Meet-the-Expert Sessions


Castration-resistant Prostate Cancer, Christopher J. Logothetis, Room 6C, San Diego Convention Center, p. 196

Molecular Diversity of Human Breast Cancer: Clinical and Therapeutic, Dennis J. Slamon, Ballroom 20D, San Diego Convention Center, p. 196

Molecularly Targeted Radiosensitization and Protection, Theodore S. Lawrence, Room 6F, San Diego Convention Center, p. 197

Understanding the p53 Pathway to Produce More Effective Targeted Therapeutics, Geoffrey M. Wahl, Room 6A, San Diego Convention Center, p. 197

5:30 PM-6:30 PM Town Meeting

WICR Member Caucus, Room 6D, San Diego Convention Center, p. 198

6:30 PM-8:30 PM Professional Advancement Session

Getting the Job: Effectively Communicating Your Research, Mace L. Rothenberg, Chairperson, Salon A-C, Level 4, Omni San Diego Hotel, p. 198

6:45 PM-8:30 PM Town Meetings


Tumor Microenvironment Working Group Town Meeting and Reception, Lynn M. Matrisian, Chairperson, Salon D-E, Level 4, Omni San Diego Hotel, p. 199

9:00 PM-11:30 PM Annual Reception

Marriott Hall, North Tower, San Diego Marriott Hotel, p. 199
Monday, April 14, 2008

7:00 AM-8:00 AM  Meet-the-Expert Sessions

Cancer Survivorship, Leslie L. Robison, Room 30D-E, San Diego Convention Center, p. 201


Epithelial-Mesenchymal Transition: Molecular Mechanisms and Translational Implications, Philip N. Tsichlis, Room 7A-B, San Diego Convention Center, p. 201

Expanding the Druggable Cancer Genome: Combinatorial Effects on Oncogenic Pathways by Inhibitors of PI3 Kinase and Hsp90, Paul Workman, Room 6B, San Diego Convention Center, p. 202

Exploiting Tumor Hypoxic Stress for Cancer Therapy, Garth Powis, Room 30A-C, San Diego Convention Center, p. 202

Food-based Approaches to Cancer Prevention, Gary D. Stoner, Room 28A-C, San Diego Convention Center, p. 202

Fragment Based Drug Discovery, David Rees, Room 11A-B, San Diego Convention Center, p. 203

From Sensitizing to Prediction of Radiation Treatment Outcome in Humans, Harry Bartelink, Room 24A-C, San Diego Convention Center, p. 203

Linking the Cellular Functions of the BRCA Breast Cancer Genes to Cancer Pathogenesis and Therapy, Ashok R. Venkitaraman, Room 33A-C, San Diego Convention Center, p. 203

Mechanisms and Therapeutic Targeting of the Angiogenic Switch, Douglas Hanahan, Room 6C, San Diego Convention Center, p. 203

Mouse Intervention Models for Mesotheliomas and Lung Cancer, Anton J. Berns, Room 6E, San Diego Convention Center, p. 204

Pharmacogenetics: Opportunities for Patient-tailored Anticancer Therapy, Jan H. M. Schellens, Room 25A-C, San Diego Convention Center, p. 204

PI3 Kinase and Cancer, Lewis C. Cantley, Room 6A, San Diego Convention Center, p. 204

8:00 AM-12:00 PM Late-Breaking Poster Sessions

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Late-Breaking Research: Immunology 1, Poster Section 20, p. 236

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CB 16 Bioinformatics and Computational Molecular Biology, Poster Section 1, p. 207

CB 17 Cancer Genomics 1: Genomic Profiling I, Poster Section 2, p. 208

CB 18 Cancer Genomics 2: Genomic Profiling II, Poster Section 3, p. 209

CB 19 Cancer Genomics 3: Genomic Profiling III, Poster Section 4, p. 210

CB 20 DNA Damage and Hypoxia: Regulators of Gene Expression, Poster Section 5, p. 211

Pro-senescence Therapy for Cancer, Pier Paolo Pandolfi, Room 6F, San Diego Convention Center, p. 204

Stem Cell Transplantation: Models for Effective Tumor Immunity, Jerome Ritz, Room 23A-C, San Diego Convention Center, p. 205

Transcription Elongation and Histone Methylation Mechanisms in Cancer, Katherine A. Jones, Room 32A-B, San Diego Convention Center, p. 205

Translational Control of Cancer, Nahum Sonenberg, Room 31A-C, San Diego Convention Center, p. 205

8:00 AM-8:30 AM Lecture

AACR-Gertrude B. Elion Award Lecture, Kent W. Christopherson II, Room 11A-B, San Diego Convention Center, p. 206

8:00 AM-12:00 PM Poster Sessions

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CB 22 Novel Biomarkers for Tumor Detection and Progression, Poster Section 7, p. 213

CB 23 p53, Telomerase, and Senescence, Poster Section 8, p. 214

CB 24 Stress Responses, Poster Section 9, p. 215

EP 4 Biomarkers of DNA Damage and Repair, Exposure, and Phenotype 2, Poster Section 10, p. 216

EP 5 Genetic Epidemiology 1: Breast and Ovarian Cancer, Poster Section 11, p. 217

TB 15 Pancreatic Cancer: Molecular Determinants, Poster Section 12, p. 218

TB 16 Role of Integrins and Extracellular Matrix in Tumor Progression, Poster Section 13, p. 219

TB 17 Signaling Molecules Affecting Tumor Cell Mobility, Invasion, and Metastasis, Poster Section 14, p. 220

TB 18 Stem Cells in Hormone-Dependent Cancers: Breast, Prostate, and Ovarian, Poster Section 15, p. 221

TB 19 Tumor Hypoxia, HIF-1 Inhibition, Poster Section 16, p. 222

IM 3 Immune Modulation 1, Poster Section 17, p. 223

PR 5 Cancer Prevention 3, Poster Section 22, p. 224

CL 6 Antibodies and Immunotherapy, Poster Section 23, p. 225

CL 7 Molecular Correlates 1, Poster Section 24, p. 226

CL 8 Molecular Correlates 2, Poster Section 25, p. 227

CG 2 Signal Transduction Pathways and Tumor Promotion, Poster Section 26, p. 228

CH 4 Chemical Aspects of Carcinogenesis, Poster Section 27, p. 229

ET 16 Apoptosis, Poster Section 28, p. 230

ET 17 Drug Discovery 1, Poster Section 29, p. 231

ET 18 New Agents and Therapeutic Approaches, Poster Section 30, p. 232

ET 19 New Targets 1: Mechanisms, Poster Section 31, p. 233

ET 20 New Targets 2: Validation, Poster Section 32, p. 234

ET 21 Novel Biological Therapy Agents, Poster Section 33, p. 235

8:15 AM-9:15 AM Presidential Address
William N. Hait, Hall G-H, San Diego Convention Center, p. 237

8:30 AM-10:30 AM New Concepts in Organ Site Research


Human Tumor Viruses and Lymphoma, Richard F. Ambinder and Lee Ratner, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 238

New Concepts in Gastric Cancer, Yoshiaki Ito and Benjamin C. Y. Wong, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 239

Sarcoma Biology and Targeted Therapeutics, Jonathan A. Fletcher and Robert G. Maki, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 239

9:00 AM- 10:30 AM Forums

Bench to Bedside Studies of Erythropoiesis Stimulating Agents in Cancer, Kenneth C. Anderson, Moderator, Room 6B, San Diego Convention Center, p. 240

Mitotic Catastrophe: A Therapeutic Goal?, Igor B. Roninson, Moderator, Room 6A, San Diego Convention Center, p. 240

Regulatory Issues Related to Biomarker Development, Steven I. Gutman, Moderator, Ballroom 20D, San Diego Convention Center, p. 240

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9:00 AM-2:30 PM  Professional Advancement Session

9:15 AM-11:30 PM  Clinical Research Track: Special Session 1
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9:30 AM-12:00 PM  Special Session

9:30 AM-1:00 PM  Minisymposia
CB 25  Basic Aspects of Gene Regulation in Cancer, Kathleen M. Sakamoto and Dong-Er Zhang, Co-Chairpersons, Room 33A-C, San Diego Convention Center, p. 244
CH 5  Proteomics Applied to Cancer Diagnosis and Treatment, Evelyn M. McKeegan and Daniel C. Liebler, Co-Chairpersons, Room 30D-E, San Diego Convention Center, p. 244
ET 22  Histone Deacetylase and Heat Shock Protein Inhibitors, Kapil N. Bhalla and Pamela N. Munster, Co-Chairpersons, Room 24A-C, San Diego Convention Center, p. 245
IM 4  Tumor Microenvironment, George Coukos and Ivan Borello, Co-Chairpersons, Room 31A-B, San Diego Convention Center, p. 246
TB 20  Genes Regulating Cancer Metastasis, Carrie W. Rinker-Schaeffer and Dan Theodorescu, Co-Chairpersons, Room 31A-C, San Diego Convention Center, p. 246

10:00 AM-12:00 PM  Forum
MICR Forum: Minority Institution/Cancer Center Partnership (MI/CCP) Program, Sanya Springfield, Chairperson, Room 23A-C, San Diego Convention Center, p. 248

10:30 AM-12:00 PM  NCI/NIH-Sponsored Session
The Cancer Biomedical Informatics Grid™ (caBIG™) in Action: A Real-time Demonstration of Interoperable Cancer Research Tools, Room 10, San Diego Convention Center, p. 249

10:30 AM-12:30 PM  Symposia
Apoptosis: Basic and Therapeutic Advances, Douglas R. Green, Chairperson, Room 29A-D, San Diego Convention Center, p. 250
Chemoprevention in the Era of Personalized Medicine: Recent Advances, Michael B. Sporn and Ernest T. Hawk, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 250
Integrative Analysis of the Cancer Genome, Lynda Chin, Chairperson, Ballroom 20A-C, San Diego Convention Center, p. 251
Receptor Tyrosine Kinases, Carlos L. Arteaga, Chairperson, Room 6A, San Diego Convention Center, p. 251
Ruth Sager Memorial Symposium on Cancer Genetics and Epigenetics: Progress in Epigenetics and Epigenomics, Manel Esteller, Chairperson, Room 6B, San Diego Convention Center, p. 252
Targeted Therapy: How Do We Design Rational Combinations?, Thomas J. Lynch, Chairperson, Room 6C, San Diego Convention Center, p. 252
Targeting the Proteasome Pathway, Kenneth C. Anderson and Julian Adams, Co-Chairpersons, Ballroom 20D, San Diego Convention Center, p. 253
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A Dialogue with the Director of the National Cancer Institute, John E. Niederhuber and William N. Hait, Room 6E, San Diego Convention Center, p. 254

12:30 PM-1:30 PM  AACR Annual Business Meeting of Members
AACR Annual Business Meeting, Room 6D, San Diego Convention Center, p. 254

12:30 PM-2:30 PM  New Concepts in Organ Site Research
Advances in Thyroid Cancer Genetics, Biology, and Targeted Therapy, James A. Fagin and Susan J. Mandel, Co-Chairpersons, Room 32A-B, San Diego Convention Center, p. 255

Genetics, Genomics, and Treatment of Lymphomas, Louis M. Staudt and Franco Cavalli, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 255


Pushing the State-of-the-Art in Ovarian Cancer, Joe W. Gray and Setsuko K. Chambers, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 256

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Cancer Stem Cells, Geoffrey M. Wahl, Moderator, Room 6B, San Diego Convention Center, p. 257

Somatic Alterations in Tumor Stroma: Genetic, Epigenetic, or Both?, Kornelia Polyak, Moderator, Ballroom 20D, San Diego Convention Center, p. 257

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Translational Control of Cancer, Davide Ruggero and Nahum Sonenberg, Co-Chairpersons, Room 33A-C, San Diego Convention Center, p. 258

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CG 3  Molecular Mechanisms of Carcinogenesis, S. Perwez Hussain and Qingming Fang, Room 23A-C, San Diego Convention Center, p. 259

CB 26  Cell Surface Receptors in Cancer Initiation and Progression, Richard M. Marais and Susan E. Waltz, Room 24A-C, San Diego Convention Center, p. 259

CB 27  Mechanisms Underlying Epigenetic Alterations in Cancer, Jean-Pierre Issa and Joseph F. Costello, Co-Chairpersons, Room 7A-B, San Diego Convention Center, p. 260

CL 9  Clinical Immunotherapy, Jedd D. Wolchok and Edmund C. Lattime, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 260


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Late-Breaking Research: Cellular and Molecular Biology 3, Poster Section 19, p. 292

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CB 29 Epigenetic Therapy, Poster Section 2, p. 264
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CB 33 Metabolism of Cancer, Poster Section 6, p. 268
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CL 11 Tumor Vaccines, Poster Section 10, p. 272
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TB 26 New Models 2: Leukemia, Mammary, Ovarian, Lung, and Renal Cancer, Poster Section 15, p. 277
TB 27 Pediatric Cancer 2, Poster Section 16, p. 278
EN 3 Molecular Endocrinology of Solid Malignancies 2, Poster Section 17, p. 279
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EP 6 Diet, Physical Activity, and Body Mass Index, Poster Section 23, p. 281
EP 7 Genetic Epidemiology 2: Colon, Prostate, and Lung Cancer, Poster Section 24, p. 282
CG 4 Reactive Species and Hormonal Factors in Carcinogenesis, Poster Section 25, p. 283

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1:30 PM-3:30 PM NCI/NIH-Sponsored Session

NIH Grant Process and Opportunities for Cancer Research Funding at NIH, Phuong Kim Pham, Chairperson, Room 10, San Diego Convention Center, p. 294

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Future Leaders, New Directions, Room 6F, San Diego Convention Center, p. 294

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Genome-Wide Analysis of Germline Genetic and Epigenetic Variation, Bruce A. Ponder, Chairperson, Room 31A-C, San Diego Convention Center, p. 296

Resistance to Targeted Agents, Jeffrey Settleman and Charles L. Sawyers, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 296

Senescence and Cancer, Scott W. Lowe, Chairperson, Room 68, San Diego Convention Center, p. 297

Structure-Based Approaches to Kinase Inhibitors, William A. Denny, Chairperson, Room 6C, San Diego Convention Center, p. 297

Targeting Transcription, Chi Van Dang, Chairperson, Ballroom 20D, San Diego Convention Center, p. 298

Tumor Microenvironment Interactions, George D. Yancopoulos and Joan S. Brugge, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 298

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Getting Funded in Today’s Climate Doing Multidisciplinary Cancer Research, James R. Cerhan and James S. Felton, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 299

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MICR Town Meeting, Duane T. Smoot, Chairperson, Marriott Hall Salon 3, San Diego Marriott Hotel, p. 301

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Cancer Immunology Working Group Town Meeting and Reception, Columbia 1-3, North Tower, San Diego Marriott Hotel, p. 302

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MICR Professional Advancement Reception and Roundtable: Navigating the Road to a Successful Career in Cancer Research, Eddie Reed and Jessie A. Satia, Co-Chairpersons, Marriott Hall Salon 4, San Diego Marriott Hotel, p. 306
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WICR Leila Diamond Networking Breakfast, Salon C-E, Level 4, Omni San Diego Hotel, p. 309

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Biological Properties of Cancer Stem Cells, Pier G. Pelicci, Room 6D, San Diego Convention Center, p. 310

Blocking Growth Factor Pathways to Inhibit Lymphatic Metastasis, Kari K. Alitalo, Room 6E, San Diego Convention Center, p. 310

Cancer Development and the Functions of AP-1 (Fos/Jun), Erwin F. Wagner, Room 28A-C, San Diego Convention Center, p. 311


DNA Damage Checkpoints: Mechanisms, Live-Cell Imaging, and Roles as an Anticancer Barrier and Determinant of Treatment Outcome, Jiri Bartek, Room 30A-C, San Diego Convention Center, p. 311

Molecular Targeted Therapy in Endometrial Cancer: Rationale and Results with mTOR Inhibitors, Elizabeth A. Eisenhauer, Room 25A-C, San Diego Convention Center, p. 312

New Frontiers in Protein Therapeutics: Beyond Monoclonal Antibodies, Parul D. Doshi, Room 33A-C, San Diego Convention Center, p. 312

NF-κB: Regulation and Function, Inder Verma, Room 6F, San Diego Convention Center, p. 312

Recent Development in Breast Cancer Progression and Metastasis, Mien-Chie Hung, Room 31A-C, San Diego Convention Center, p. 312

Targeting DNA Topoisomerase I and Beyond, Yves G. Pommier, Room 24A-C, San Diego Convention Center, p. 313

The Evolution of Cancer Drugs from Kinase Inhibitors, Judith S. Sebolt-Leopold, Room 11A-B, San Diego Convention Center, p. 313

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8:00 AM-10:00 AM  New Concepts in Organ Site Research

Breast Cancer: Translation of Recent Basic Research Findings into the Clinic, Charles M. Perou and Dennis J. Slamon, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 315

Colorectal Cancer: Hot Topics from Bench to Bed, Sanford D. Markowitz and Neal J. Meropol, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 315

Genetic Basis of Kidney Cancer: Unique Opportunity for Disease Specific Therapy, P. Andrew Futreal and W. Marston Linehan, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 316

The Biological Basis for Future Treatment of Malignant Glioma, Ronald A. DePinho and Howard A. Fine, Co-Chairpersons, Room 11A-B, San Diego Convention Center, p. 316

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CB 37 Apoptotic Signaling, Poster Section 2, p. 318

CB 38 Modulators of Tumor Cell Growth, Poster Section 3, p. 319

CB 39 Nuclear Signaling Pathways, Poster Section 4, p. 320

CB 40 Protein Kinases, Poster Section 5, p. 321

CB 41 Receptor Function, Signaling Methodology, Poster Section 6, p. 322

CB 42 Signaling in Lung and Brain Tumorigenesis, Poster Section 7, p. 323

CB 43 Small G Proteins, Lipid Signaling, and mTOR, Poster Section 8, p. 324

CB 44 Tumor Progression and Markers, Poster Section 9, p. 325

CL 12 Molecular Predictors of Drug Sensitivity and Resistance, Poster Section 10, p. 326

CL 13 Novel Assays and Technologies, Poster Section 11, p. 327

TB 28 Determinants of Metastasis, Poster Section 12, p. 328

TB 29 Environmental and Microenvironmental Impact on Tumor Progression, Poster Section 13, p. 329

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TB 31 Pediatric Cancer 3, Poster Section 15, p. 331

TB 32 Stem Cells in the Central Nervous System, Poster Section 16, p. 332

IM 6 Immune Modulation 2, Poster Section 17, p. 333

PR 7 Cancer Prevention 5, Poster Section 22, p. 334

EP 8 Descriptive Epidemiology, Ethnicity, and Geographic Factors, Poster Section 23, p. 335

EP 9 Epidemiology of Cancer Survivorship, Poster Section 24, p. 336

EP 10 Genetic Epidemiology 3: Hematologic, Genitourinary, Gastric/Esophageal, and Head and Neck Cancer, Poster Section 25, p. 337

CH 8 Proteomic Tumor Profiling 1, Poster Section 26, p. 338

CH 9 Proteomic Tumor Profiling 2, Poster Section 27, p. 339

ET 32 Antibodies, Poster Section 28, p. 340

ET 33 Drug Discovery 2: Combination Strategies I, Poster Section 29, p. 341

ET 34 Drug Discovery 3: Combination Strategies II, Poster Section 30, p. 342

ET 35 Immunoconjugates, Peptides, and Protein Therapeutics, Poster Section 31, p. 343

ET 36 New Targets 3: Compounds, Markers, Signatures, Poster Section 32, p. 344

ET 37 New Targets 4: Discovery, Poster Section 33, p. 345

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Second Primary Cancers after Childhood Cancer: Clinical and Molecular Insights, Smita Bhatia, Moderator, Ballroom 20A-C, San Diego Convention Center, p. 348

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National Cancer Institute Symposium on Glycomics for Detection of Cancer and Cancer Risk, Room 10, San Diego Convention Center, p. 349
8:30 AM-10:00 AM  Forums

Does Lycopene Prevent Cancer?, Chung S. Yang and John A. Baron, Co-Moderators, Room 6B, San Diego Convention Center, p. 350

Mitochondrial Mutations: Cause or Effect?, Bennett Van Houten, Moderator, Room 6A, San Diego Convention Center, p. 350

9:00 AM-10:00 AM  Lecture


9:45 AM-12:00 PM  Symposium


10:00 AM-11:30 AM  NCI/NIH-Sponsored Session

National Cancer Institute Early Detection Research Network: Investment in Biomarker Research, Sudhir Srivastava, Moderator, Room 10, San Diego Convention Center, p. 353

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10:00 AM-12:00 PM  Symposia

Cancer Biomarkers: From Pharmacodynamics to Diagnostics, Nicholas C. Dracopoli, Chairperson, Room 6C, San Diego Convention Center, p. 356

DNA Breaks and Genomic Instability, Frederick W. Alt, Chairperson, Room 6A, San Diego Convention Center, p. 356

Epigenetic Responses to the Environment and Cancer, John D. Groopman, Chairperson, Room 6F, San Diego Convention Center, p. 357

10:00 AM-1:30 PM  Minisymposia


CB 46  Molecular Subtyping and Classification of Tumors: Biological and Clinical Implications, Xifeng Wu, Chairperson, Room 28A-C, San Diego Convention Center, p. 359

CH 10  Drug Design and Delivery, Peter M. Fischer and Cheryl L. Zimmerman, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 360


ET 38  Novel Approaches to Drug Discovery, Robert A. Kramer and Michael J. Weber, Co-Chairpersons, Room 7A-B, San Diego Convention Center, p. 361

PR 8  Chemopreventive Strategies, Powel H. Brown and Ashraful Hoque, Co-Chairpersons, Room 25A-C, San Diego Convention Center, p. 361

TB 33  Host Influences on Tumor Progression, Harold L. Moses and Mario P. Colombo, Co-Chairpersons, Room 24A-C, San Diego Convention Center, p. 362

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Thirty-Second Annual AACR-Rosenthal Family Foundation Award Lecture, José Baselga, Hall G-H, San Diego Convention Center, p. 363

1:00 PM-2:30 PM  Forums
Funding the Translational Research Gap, Gregory A. Curt, Moderator, Ballroom 20D, San Diego Convention Center, p. 364
The Role of Autophagy in Cancer, John L. Cleveland, Moderator, Room 6B, San Diego Convention Center, p. 364

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Basic and Translational Advances in Melanoma Research, Maria S. Soengas and Lynn Schuchter, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 365
Diagnosis and Treatment of Pediatric Cancer: From the Success of the 20th Century to the Opportunities of the 21st Century, James R. Downing and Lee J. Helman, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 365
New Concepts on Tumor-Microenvironment Interactions in Myeloma: Pathophysiologic and Therapeutic Relevance, Constanine S. Mitsiades and Kenneth C. Anderson, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 366
Prostate Cancer: From Activation to Application–Novel Concepts in Understanding and Treating Disease, Arul M. Chinnaiyan and Susan F. Slovin, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 366

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Clinical Plenary Session 3: Phase 0, I, and II Clinical Trials, Hall G-H, San Diego Convention Center, p. 367

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Late-Breaking Research: Cellular and Molecular Biology 5, Poster Section 19, p. 395
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CB 48  Clinical and Biological Implications of Aberrant Gene Expression, Poster Section 2, p. 369
CB 49  Epigenetically Altered Oncogenes and Tumor Suppressor Genes, Poster Section 3, p. 370
CB 50  Epigenetically Altered Pathways, Poster Section 4, p. 371
CB 51  Genome Instability, Poster Section 5, p. 372
CB 52  Metabolic Approaches to Cancer, Poster Section 6, p. 373
CB 53  Regulation of Bcl-2 and Caspases for Cancer Therapy, Poster Section 7, p. 374
CB 54  Regulatory Genes as Targets for Therapy, Poster Section 8, p. 375
CL 14  Molecular Signatures and Proteomic Biomarkers, Poster Section 9, p. 376
CL 15  Phase II and III Clinical Trials 1: Gastrointestinal, Pancreatic, Head and Neck, and Melanoma, Poster Section 10, p. 377
CL 16  Phase II and III Clinical Trials 2: Genitourinary, Gynecological, Breast, and Cachexia, Poster Section 11, p. 378
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CG 6  Carcinogenesis Models: In vitro and in Rodents, Daniel Rosenberg and Keigo Machida, Co-Chairpersons, Room 6D, San Diego Convention Center, p. 397

CB 55  Autophagy, Metabolic Stress, and Tumorigenesis, Junying Yuan and Shengkan Jin, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 397

CB 56  Therapeutic Implications of Oncogenic Pathways 2, Dean W. Felsher and William C. Hahn, Co-Chairpersons, Room 7A-B, San Diego Convention Center, p. 398

CL 17  Molecular Markers for Cancer Diagnosis and Determination of Patient Outcomes, Roman K. Thomas and Balazs Halmos, Co-Chairpersons, Room 31A-C, San Diego Convention Center, p. 398

CL 18  Novel Genomic Approaches, Drugs, Targets, and Strategies, Ingo K. Mellinghoff and Jeffrey A. Engelman, Co-Chairpersons, Room 30A-C, San Diego Convention Center, p. 399

ET 45  Novel Kinase Inhibitors, Monica M. Mita and David B. Solit, Co-Chairpersons, Room 33A-C, San Diego Convention Center, p. 399

IM 8  Developmental Immunotherapy, Leisha A. Emens and Daniel J. Powell, Jr., Co-Chairpersons, Room 25A-C, San Diego Convention Center, p. 400

TB 40  Generation and Maintenance of Cancer Stem Cells, Michael F. Clarke and Catriona H. M. Jamieson, Co-Chairpersons, Room 11A-B, San Diego Convention Center, p. 400

2:15 PM-3:15 PM  Lecture

Seventeenth Annual AACR-American Cancer Society Award Lecture for Research Excellence in Cancer Epidemiology and Prevention, Robert N. Hoover, Ballroom 20A-C, San Diego Convention Center, p. 401

1:15 PM-2:15 PM  Lecture

Second Annual AACR-Princess Takamatsu Memorial Lecture, Lawrence A. Loeb, Ballroom 20A-C, San Diego Convention Center, p. 396

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The Role of Disparities and Environment in Breast Cancer: Research and Funding Directions, Catherine Thomsen, Moderator, Room 10, San Diego Convention Center, p. 402

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Inflammation and Cancer: Mechanisms Regulating Pro- Versus Antitumor Immunity, Lisa M. Coussens and Michael Karin, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 404

Mice as Models for Discovery of Critical Tumor Events, Guillermina Lozano, Chairperson, Room 6B, San Diego Convention Center, p. 405

Molecular and Clinical Insights into Cancers Affecting Under-represented Populations, John D. Carpten and Lisa A. Newman, Co-Chairpersons, Room 6C, San Diego Convention Center, p. 405

Protein Tyrosine Phosphatases and Molecular Targets for Novel Anticancer Agents, Bernard Ducommun and John S. Lazo, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 406

The Diverse Roles of MicroRNAs in the Pathogenesis of Cancer, Scott M. Hammond, Chairperson, Ballroom 20D, San Diego Convention Center, p. 407

Translating the Molecular Biology of Metastasis to the Clinic, Patricia S. Steeg, Chairperson, Room 6A, San Diego Convention Center, p. 407

3:15 PM-5:45 PM  Late-Breaking Oral Presentation Session
Late-Breaking Basic and Clinical Research 2, Ballroom 20A-C, San Diego Convention Center, p. 403

5:30 PM-6:30 PM  Meet-the-Expert Sessions
Kinase Inhibitor Drug Development: Mind the Gap!, Tona M. Gilmer, Room 6C, San Diego Convention Center, p. 408

Searching for the Optimal Biological Dose: Novel Study Designs for Early Clinical Trials of Targeted Anticancer Therapies, Chris H. Takimoto, Room 6E, San Diego Convention Center, p. 408

The Biology of Therapeutic Response in Mouse Models of Brain Tumors, Eric C. Holland, Room 6F, San Diego Convention Center, p. 408

6:45 PM-8:00 PM  Professional Advancement Session
Chemistry in Cancer Research Mentoring Roundtable, Columbia 1-3, North Tower, San Diego Marriott Hotel, p. 409

6:30 PM  AACR Night at the Padres - Rockies Baseball Game

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Adoptive T-Cell Therapy: Improving on Evolution’s Natural Targeted Therapy, Philip D. Greenberg, Room 6D, San Diego Convention Center, p. 411

Challenges in Defining Pharmacokinetics and Pharmacodynamic Relationships, Merrill J. Egorin, Room 32A-B, San Diego Convention Center, p. 411

Development of Drugs Targeting Apoptosis in Cancer, Dennis A. Carson, Room 24A-C, San Diego Convention Center, p. 411

Feedback Loops in Cancer Signal Transduction Pathways, Neal Rosen, Room 6F, San Diego Convention Center, p. 411

From 3-D Models to Therapy: Putting Breast Cancer in Context, Mina J. Bissell, Room 7A-B, San Diego Convention Center, p. 412

From Cancer Genomics to Cancer Treatment: From Hope to Reality, Yusuke Nakamura, Room 6E, San Diego Convention Center, p. 412

Glucose Metabolism and Cancer, Reuben J. Shaw, Room 23A-C, San Diego Convention Center, p. 412

Hypoxia and DNA Repair, Peter M. Glazer, Room 25A-C, San Diego Convention Center, p. 412


Nuclear Receptors: Enhancing Athletic Performance to Corral Cancer, Ronald M. Evans, Room 6C, San Diego Convention Center, p. 412

Poly(ADP-ribose) Polymerase Function and Activities, Nathan A. Berger, Room 30D-E, San Diego Convention Center, p. 413

Targeting the ras Pathway: Dreams and Realities, Dafna Bar-Sagi, Room 11A-B, San Diego Convention Center, p. 413

The Role of Src in Human Cancers, Sara A. Courtneidge, Room 30A-C, San Diego Convention Center, p. 413

8:00 AM-9:00 AM  Lecture

Twenty-Eighth Annual AACR Award for Outstanding Achievement in Cancer Research Lecture, Arul Chinnaiyan, Ballroom 20A-C, San Diego Convention Center, p. 414

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Approaches to Refractory Malignancies, Joseph R. Bertino, Moderator, Room 6F, San Diego Convention Center, p. 415

Phase 0 Biomarker Trials: A New Paradigm for Oncology Drug Development?, Chris H. Takimoto, Moderator, Ballroom 20D, San Diego Convention Center, p. 415

8:00 AM-10:00 AM  New Concepts in Organ Site Research

Acute Myelogenous Leukemia, Frederick R. Appelbaum and D. Gary Gilliland, Co-Chairpersons, Room 29A-D, San Diego Convention Center, p. 416

Bladder Cancer: Biomarkers of Risk, Diagnosis, Prognosis, and Therapy, Dan Theodorescu and Matthew I. Milowsky, Co-Chairpersons, Room 6B, San Diego Convention Center, p. 416

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CB 58  Cancer Genomics 5: MicroRNA Profiling II, Poster Section 2, p. 419

CB 59  Cell Cycle 3, Poster Section 3, p. 420

CB 60  Cytokine and TGFbeta Signaling, Poster Section 4, p. 421

CB 61  Emerging Technologies, Poster Section 5, p. 422

CB 62  Integration of Omics Technologies, Poster Section 6, p. 423

CB 63  Signal Transduction in Breast Cancer, Poster Section 7, p. 424

CB 64  Signaling Pathways 1, Poster Section 8, p. 425

CB 65  Signaling Pathways 2, Poster Section 9, p. 426

CB 66  Transcription Factors, Poster Section 10, p. 427

IM 9  Tumor Vaccines 2, Poster Section 11, p. 428

TB 41  Chemokine/Chemokine Receptors and Myelomonocytic Cells, Poster Section 12, p. 429

TB 42  Epithelial-Mesenchymal Transition, Poster Section 13, p. 430

TB 43  Inflammation and Metastasis, Poster Section 14, p. 431

TB 44  Stem Cells, Poster Section 15, p. 432

EN 4  Molecular Endocrinology of Breast Cancer, Poster Section 17, p. 433

PR 10  Cancer Prevention 7, Poster Section 22, p. 434

CL 19  Molecular Correlates 3, Poster Section 23, p. 435

CL 20  Phase II and III Clinical Trials 3: Blood, Lung, Brain/CNS, and Sarcoma, Poster Section 24, p. 436

CL 21  Prognostic Biomarkers 2, Poster Section 25, p. 437

CG 7  Chemical Mutagenesis and Carcinogenesis, Poster Section 26, p. 438

CH 12  Drug Delivery and Targeting, Poster Section 27, p. 439

ET 46  Heat Shock Protein Inhibitors, Aurora Kinase, and Other Mitotic Inhibitors, Poster Section 29, p. 440

ET 47  Novel Small Molecule Cancer Therapeutics 1, Poster Section 30, p. 441

ET 48  Novel Small Molecule Cancer Therapeutics 2, Poster Section 31, p. 442

ET 49  Pharmacology: Nanoparticles and New Drug Delivery Strategies, Poster Section 32, p. 443

ET 50  Radiation: Combined Modalities, Cell Death, Bystander Killing, and Vascular Effects, Poster Section 33, p. 444

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CB 68 Intracellular Signaling and Growth Control, Gen-Sheng Feng and Kun Liang Guan, Co-Chairpersons, Room 6E, San Diego Convention Center, p. 446

CB 69 Oncogenic and Tumor Suppressor Pathways, Michael A. Teitell and Martin McMahon, Co-Chairpersons, Room 28A-C, San Diego Convention Center, p. 447


ET 51 Individualized Cancer Therapy: Pharmacogenetics and Pharmacodynamics, Eric H. Rubin and Xifeng Wu, Co-Chairpersons, Room 24A-C, San Diego Convention Center, p. 448

ET 52 New Molecular Targets, Pearl S. Huang and Beverly A. Teicher, Co-Chairpersons, Room 6D, San Diego Convention Center, p. 448

TB 45 Endothelial Progenitors: Induction of Angiogenesis, Laura E. Benjamin, Chairperson, Room 30A-C, San Diego Convention Center, p. 449

TB 46 New Animal Models to Study Cancer, Susan Fischer and Craig H. Bassing, Co-Chairpersons, Room 7A-B, San Diego Convention Center, p. 449

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Cancer Prevention by Dietary Constituents: Laboratory and Human Studies, Chung S. Yang and John A. Baron, Co-Chairpersons, Room 6F, San Diego Convention Center, p. 450

Hypoxia and Tumor Progression, M. Celeste Simon and Amato J. Giaccia, Co-Chairpersons, Room 6A, San Diego Convention Center, p. 450

Immune Therapy, James P. Allison, Chairperson, Room 6C, San Diego Convention Center, p. 451

Inherited Susceptibility to Cancer, David J. Hunter, Chairperson, Room 29A-D, San Diego Convention Center, p. 451

PI 3-Kinase Pathway, Peter K. Vogt and William A. Weiss, Co-Chairpersons, Ballroom 20D, San Diego Convention Center, p. 452

Small-Molecule Inhibitors to Target Protein-Protein Interactions as a New Cancer Therapeutic Strategy, Shaomeng Wang, Chairperson, Room 6B, San Diego Convention Center, p. 452