

8:00-10:00 AM Educational Sessions

How to Design and Interpret Large-Scale Sequence Analyses of Human Cancer, Victor E. Velculescu, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 57

Manipulating the Immune System in Cancer Immunotherapy, James P. Allison, Chairperson, Petree C, Los Angeles Convention Center, p. 58

Modeling Chemoprevention in Mice: The Next Generation, Cory Abate-Shen, Chairperson, Room 515 B, Los Angeles Convention Center, p. 58

Novel Approaches to Drug Delivery in Cancer, Mark E. Davis, Chairperson, Room 304 A-C, Los Angeles Convention Center, p. 59

Oxidative Stress and Senescence, Amato J. Giaccia, Chairperson, Room 515 A, Los Angeles Convention Center, p. 59

The Polygenic Basis of Phenotypic Variation and Disease: Lessons from Humans and Model Organisms, Bruce A. J. Ponder, Chairperson, Petree D, Los Angeles Convention Center, p. 60

Therapeutic Cancer Targets in the Wnt Pathway, Hans Clevers, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 60

Validating Therapeutic Targets: *In Vivo* Models and Clinical Responses, Lynda Chin, Chairperson, Concourse E, Los Angeles Convention Center, p. 61

8:00-10:00 AM Methods Workshops

Approaches to Cancer Genetics in Humans, Arnold J. Levine, Chairperson, Concourse F, Los Angeles Convention Center, p. 62

siRNA Screens: A Tool for Understanding Targets, Stephen H. Friend, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 62

10:15 AM-12:15 PM Educational Sessions

Cancer Biomarkers: Predictors of Prognosis and Response, William S. Dalton, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 63

Controlling Epigenetic Programs: Consequences for Stem Cells and Carcinogenesis, Thea D. Tlsty, Chairperson, Petree C, Los Angeles Convention Center, p. 63

Facilitating Collaborations Between Clinicians and Basic Researchers in the Era of Integrated Translational Research, Paul Workman, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 64

Inflammation and Cancer, Lisa M. Coussens, Chairperson, Petree D, Los Angeles Convention Center, p. 64

Systems Biology as an Integrative Approach to Cancer, Arul M. Chinnaiyan, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 65

Targeted Cancer Therapy: Mono-specific versus Multi-targeted Strategies, Axel Ullrich, Chairperson, Concourse E, Los Angeles Convention Center, p. 65

Targeted Delivery of siRNA and Small Molecule Inhibitors, Jackson B. Gibbs, Chairperson, Concourse F, Los Angeles Convention Center, p. 66

The Ras Pathway: From Cancer Biology to Translational Opportunities, Dafna Bar-Sagi, Chairperson, Room 304 A-C, Los Angeles Convention Center, p. 66

10:15 AM-12:15 PM Methods Workshops

Advances in Imaging: From Molecules and Live-Cell Research to Animal Models and Clinical Applications, Jiri Bartek, Chairperson, Room 515 B, Los Angeles Convention Center, p. 67

Clinical Trials, Part I: Recent Innovations in Oncology Clinical Trails, Donald A. Berry, Chairperson, Room 515 A, Los Angeles Convention Center, p. 67

11:00 AM-5:00 PM Professional Advancement Series

Second WICR Leadership Development Workshop, Tona M. Gilmer, Chairperson, Sierra Ballroom, Wilshire Grand Hotel, p. 68

11:30 AM-5:00 PM Professional Advancement Series

Tenth Annual Grant Writing Workshop for Associate Members, Concourse Ballroom (Second Level), Los Angeles Marriott Hotel, p. 68

1:00-3:00 PM Educational Sessions

Metabolism and Cancer, Karen H. Vousden, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 69

Models and Assays for Drug Discovery and Development, J. Martin Brown, Chairperson, Room 515 B, Los Angeles Convention Center, p. 69

Non-invasive Imaging (MRI, PET, and Optical Imaging) in Detecting Disease, Evaluating Responses to Therapy, and Guiding Subsequent Treatment, Kevin M. Brindle, Chairperson, Room 515 A, Los Angeles Convention Center, p. 70

Plasma Biomarkers: Applications in Oncology, Gary J. Kelloff, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 70

Rho GTPases: Cytoskeleton and Cancer, Christopher J. Marshall, Chairperson, Room 511 A-C, Los Angeles Convention Center, p. 71

The Epigenetic Road from Stem Cells to Cancer, Kornelia Polyak, Chairperson, Petree D, Los Angeles Convention Center, p. 71

Translational Cancer Research in the Future: The Report of the National Cancer Institute Translational Research Working Group, William G. Nelson V and Lynn M. Matrisian, Co-Chairpersons, Room 403 A-B, Los Angeles Convention Center, p. 72

1:00-3:00 PM Methods Workshops

Clinical Trials, Part II: Why Oncology Drug Development Usually Fails— Bad Drugs, Bad Designs, or Bad Patient Selection?, Mark J. Ratain, Chairperson, Concourse F, Los Angeles Convention Center, p. 73

Interpreting Chromosomal Copy Number Aberration in the Cancer Genome, Cameron W. Brennan, Chairperson, Room 304 A-C, Los Angeles Convention Center, p. 73

Recent Advances in Mouse Models of Cancer, Michael M. Shen, Chairperson, Concourse E, Los Angeles Convention Center, p. 74

3:15-5:15 PM Educational Sessions

Alternative Approaches to Small Molecule Drug Discovery (protein-protein interactions), William R. Sellers and Carlos Garcia-Echeverria, Co-Chairpersons, Petree D, Los Angeles Convention Center, p. 75

MicroRNAs, Carlo M. Croce, Chairperson, Concourse E, Los Angeles Convention Center, p. 75

Preneoplasia: Predicting the Behavior of the Early Lesion, Rebecca Fitzgerald, Chairperson, Room 515 B, Los Angeles Convention Center, p. 76

Targeting Protein Translation in Cancer, Nahum Sonenberg, Chairperson, Room 515 A, Los Angeles Convention Center, p. 76

Targeting Ras Pathways in Cancer, Mariano Barbacid, Chairperson, Room 304 A-C, Los Angeles Convention Center, p. 77

Toll Receptors, Immunity, and Cancer, Louis M. Weiner, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 77

3:15-5:15 PM Methods Workshops

Measuring the Epigenome, Christoph Plass, Chairperson, Petree C, Los Angeles Convention Center, p. 78

Three-Dimensional Culture Models, Joan S. Brugge, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 78

5:15-6:45 PM Clinical and Basic Interface Sessions

Breast Cancer, Monica Morrow, Chairperson, Concourse E, Los Angeles Convention Center, p. 79

Central Nervous System Cancers, Henry S. Friedman, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 79

Colon Cancer: A Decade of Basic and Clinical Progress, James L. Abbruzzese, Chairperson, Concourse F, Los Angeles Convention Center, p. 80

Gynecologic Cancers: Current Status and Future Directions, Robert F. Ozols, Chairperson, Room 515 A, Los Angeles Convention Center, p. 80

Hematologic Malignancies, Kanti R. Rai, Chairperson, Petree D, Los Angeles Convention Center, p. 80

Identification and Exploitation of Molecular Targets in Pediatric Cancers: Expectations from and Challenges to Genomic Approaches to Therapy, Gregory H. Reaman, Chairperson, Room 304 A-C, Los Angeles Convention Center, p. 81

Lung and Head and Neck Cancers, Everett E. Vokes, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 82

Melanoma and Other Cutaneous Malignancies, John M. Kirkwood, Chairperson, Room 515 B, Los Angeles Convention Center, p. 82

Sarcoma, Laurence H. Baker, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 83

5:45-7:00 PM

Tenth Annual AACR-Women in Cancer Research Charlotte Friend Memorial Lecture

Janet S. Butel, Hall B, Los Angeles Convention Center, p. 84

7:00-9:00 PM Professional Advancement Series

Roundtable: Careers in Clinical and Translational Cancer Research, Eric H. Rubin, Chairperson, San Diego Room, Westin Bonaventure Hotel, p. 85

7:30-9:15 AM AACR Centennial Ceremony

Hall A, Los Angeles Convention Center, p. 88

9:15 AM-12:30 PM Opening Plenary Session

Translating a Century of Science into a Future of Cancer Prevention and Cures, Ronald A. DePinho, Chairperson, Hall A, Los Angeles Convention Center, p. 92

8:00 AM-12:00 PM Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 1 Cox-2 and Selenium, p. 94
- PR 2 Survivorship, Quality of Life, and Supportive Care, p. 95
- EP 1 Epidemiologic Methods, Risk Factors, and Incidence, p. 96
- EP 2 Occupation, Smoking, Other Exposures, and Cancer Risk, p. 97
- CG 1 Genitourinary and Gastrointestinal Carcinogenesis, p. 98
- CL 1 Prognostic Value of Chromosomal and DNA-based Alterations, p. 99
- CL 2 Tumor Proteins in Genitourinary and Other Cancers, p. 100
- CL 3 Tumor Proteins in NSCLC and Gastrointestinal Cancers, p. 101
- IM 1 Immune Suppression and Escape, p. 102
- CB 1 Epigenetic Markers of Cancer 1, p. 103
- CB 2 Intracellular Signaling 1, p. 104
- CB 3 Intracellular Signaling 2, p. 105
- CB 4 Intracellular Signaling 3, p. 106
- CB 5 Molecular Genetics 1, p. 107
- CB 6 Molecular Genetics 2, p. 108
- CB 7 Positive and Negative Growth Signaling, p. 109
- CB 8 Tumor Suppressors and Tumor Cell Death, p. 110
- TB 1 Metastasis Suppressor and Promoter Genes, p. 111
- TB 2 Mouse Models of Cancer 1: Imaging Technologies, p. 112
- TB 3 Pediatric Cancer Biology and Clinical Investigation, p. 113
- TB 4 Tumor Microenvironment 1, p. 114
- TB 5 Tumor Microenvironment 2, p. 115
- CH 1 Breast, Ovarian, and Lung Cancer Proteomics, p. 116
- ET 1 Cancer Targets and Drug Screening, p. 117
- ET 2 Experimental Antibodies and Proteins, p. 118
- ET 3 HDAC Inhibitors 1, p. 119
- ET 4 New and Emerging Targets 1, p. 120
- ET 5 Pharmacogenomics, p. 121
- ET 6 Preclinical Radiotherapeutics, p. 122
- ET 7 Topoisomerase I and II Inhibitors, p. 123

12:00-4:00 PM Professional Advancement Series

Undergraduate Student Caucus and Poster Competition, Pacific Ballroom, Wilshire Grand Hotel, p. 124

1:00-2:30 PM Forums

A Status Report of Breast Cancer Chemoprevention Trials: Past, Present, and Future, D. Lawrence Wickerham, Moderator, Petree C, Los Angeles Convention Center, p. 125

What Are the Best Preclinical Models for Cancer Drug Discovery, Robert A. Weinberg, Moderator, Concourse E, Los Angeles Convention Center, p. 125

Opportunistic Screening for Prostate Cancer: The Up and Down Sides of PSA Testing, Fritz H. Schröder, Moderator, Petree D, Los Angeles Convention Center, p. 125

Therapeutic Manipulations of Tumor Suppressors, Gerard I. Evan, Moderator, Concourse F, Los Angeles Convention Center, p. 125

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

New Drugs on the Horizon 1, John T. Hunt and Judith S. Sebolt-Leopold, Co-Chairpersons, Hall A, Los Angeles Convention Center, p. 126

Category Codes for Poster Sessions and Minisymposia:

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1:00-5:00 PM

Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 3 Behavioral and Social Science in Cancer/Early Detection and Prevention Research, p. 127
- EP 3 Biomarkers of DNA Damage and Repair 1, p. 128
- EP 4 Diet, Body Mass Index, and Cancer, p. 129
- CG 2 DNA Damage and Repair in Carcinogenesis, p. 130
- CL 4 Antibodies and Immunoconjugates, p. 131
- CL 5 Phase I Clinical Trials and Clinical Pharmacology/Ethics in Clinical Trials, p. 132
- IM 2 Immunotherapy and Cancer Vaccines 1, p. 133
- EN 1 Hormone Signaling and Resistance in Breast and Prostate Cancers, p. 134
- CB 9 Developmental Pathways, p. 135
- CB 10 DNA Methylation and Inhibitors, p. 136
- CB 11 DNA Repair and Cell Signaling, p. 137
- CB 12 DNA Repair Pathways, p. 138
- CB 13 Epigenetic Markers of Cancer 2, p. 139
- CB 14 Epigenomes, Histones, and Silencing, p. 140
- CB 15 Functional Genomics, p. 141
- CB 16 Senescence, p. 142
- CB 17 Tumor Suppressor Pathways, p. 143
- TB 6 Cancer Initiating Cell Characterization, p. 144
- TB 7 Cancer Initiating Cell Identification, p. 145
- TB 8 Cancer Initiating Cell Therapeutic Potential, p. 146
- TB 9 Tumor Cell Motility and Signaling Pathways, p. 147
- TB 10 Tumor Microenvironment and Radiation Biology, p. 148
- CH 2 Chemical Biology in Carcinogenesis, Therapy, and Drug Delivery, p. 149
- ET 8 Anti-Tubulin Agents, p. 150
- ET 9 Apoptosis, p. 151
- ET 10 Assays and Novel Approaches to Target Identification, p. 152
- ET 11 Drug Delivery 1, p. 153
- ET 12 Other Cytotoxic Agents, p. 154
- ET 13 Pharmacology, p. 155

1:15- 3:15 PM

New Concepts in Organ Site Research

From Genes to Dreams: Translating Understanding of Biology into Cures of Pediatric Cancers, Richard J. Gilbertson and Katherine K. Matthay, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 156

1:30-3:00 PM

Town Meeting

Associate Member Town Meeting: A Forum for Early-Career Scientists, Room 408 A-B, Los Angeles Convention Center, p. 157

2:00-3:15 PM

Forum

Science Policy and Legislative Affairs: Meet the President's Cancer Panel/Discuss National Cancer Policy, William G. Nelson V, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 157

2:00-5:30 PM

Minisymposia

- PR 4 **Preclinical Prevention Studies 1: Novel Agents**, Eva Szabo and Jonathan M. Kurie, Co-Chairpersons, Room 501 A-C, Los Angeles Convention Center, p. 158
- IM 3 **Tumor-induced Immune Suppression**, Dmitry I. Gabrilovich and Diana M. Lopez, Co-Chairpersons, Room 409 A-B, Los Angeles Convention Center, p. 158
- CB 18 **Apoptosis**, W. Stratford May, Jr., Co-Chairperson, additional Co-Chairperson to be announced, Room 304 A-C, Los Angeles Convention Center, p. 159
- CB 19 **Repression of Gene Expression**, Frank J. Rauscher, III and Martin L. Privalsky, Co-Chairpersons, Room 406 A-B, Los Angeles Convention Center, p. 159
- TB 11 **Antiangiogenesis and Vascular Normalization in Tumors**, Rakesh K. Jain and Judah Folkman, Co-Chairpersons, Room 511 A-C, Los Angeles Convention Center, p. 160
- ET 14 **Mechanisms of Drug Resistance**, Wafik S. El Deiry and Kathleen W. Scotto, Co-Chairpersons, Room 404 A-B, Los Angeles Convention Center, p. 160
- ET 15 **Novel Agents**, Frank McCormick and Emma M. Lees, Co-Chairpersons, Room 515 A, Los Angeles Convention Center, p. 161

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3:15-5:15 PM Drug Development Track Special Session 2

New Drugs on the Horizon 2, Steven K. Davidson and Bruce D. Cohen, Co-Chairpersons, Hall A, Los Angeles Convention Center, p. 162

3:15-5:15 PM New Concepts in Organ Site Research

New Approaches to Imaging, Diagnosis, and Treatment of Sarcomas, Lee J. Helman and George D. Demetri, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 162

3:15-5:15 PM Symposia

Genomic Instability in Development and Cancer, Robert Benezra, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 163

Hormonal Chemoprevention, Leslie G. Ford, Chairperson, Room 411, Los Angeles Convention Center, p. 163

Inflammation and Cancer, Michael Karin, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 164

Metastasis, Joan Massagué Chairperson, Concourse F, Los Angeles Convention Center, p. 164

Models of Human Cancer, Anton J. M. Berns, Chairperson, Petree D, Los Angeles Convention Center, p. 165

Molecular Signatures and Systems Medicine, Edison T. Liu, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 165

Receptor Tyrosine Kinase Inhibitors, Sara A. Courtneidge, Chairperson, Concourse E, Los Angeles Convention Center, p. 166

Transcription Factors and Networks in Cancer, Carol L. Prives, Chairperson, Petree C, Los Angeles Convention Center, p. 166

4:15-5:30 PM

AACR-Minorities in Cancer Research Jane Cooke Wright Lecture

Harold P. Freeman, Hall B, Los Angeles Convention Center, p. 167

5:00-7:00 PM NCI/NIH-Sponsored Session

The Cancer Genome Atlas, Session 1: Glioblastoma Multiforme, Anna D. Barker, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 168

5:30-6:30 PM

First Annual AACR-CICR Award for Outstanding Achievement in Chemistry in Cancer Research Lecture

Samuel J. Danishefsky, Hall B, Los Angeles Convention Center, p. 169

5:30-6:30 PM

Tenth Annual Pezcoller Foundation- AACR International Award for Cancer Research Lecture

Mina J. Bissell, Hall A, Los Angeles Convention Center, p. 170

6:45-8:30 PM

Professional Advancement Series

Job Search 101: From First Contact to Negotiating a Start-Up Package, Concourse Ballroom (Second Level), Los Angeles Marriott Hotel, p. 171

6:45-8:30 PM

Town Meeting

Molecular Epidemiology Working Group Town Meeting and Reception, Grand Ballroom (Second Level), Los Angeles Marriott Hotel, p. 171

8:00-10:00 PM

Special Event



AACR Centennial Concert Featuring k.d. lang and Mandy Patinkin

Proceeds benefit the AACR Foundation for the Prevention and Cure of Cancer

Gibson Amphitheatre at Universal CityWalk

Shuttle buses will be provided from the Convention Center and Headquarter Hotels

6:00 PM	Concession stands open
7:00 PM	Doors open
7:45 PM	Welcoming remarks
8:00 PM	Concert begins

All proceeds from the Centennial Concert will support cancer research. The AACR recognizes the Breast Cancer Research Foundation for its generous leading support.

Visit the Centennial Concert booth in the Registration Area for ticket sales and information.

See p. 172

7:00-8:00 AM

NCI/NIH-Sponsored Session

NIH Grants: Changes in Review and Funding Opportunities, Suresh Mohla, Moderator, Room 301 A-B, Los Angeles Convention Center, p. 175

7:00-8:00 AM

Meet-the-Expert Sunrise Sessions

AACR Centennial Lecture

Targeting PI3K in Cancer, Lewis C. Cantley, Concourse E, Los Angeles Convention Center, p. 176

AACR Centennial Lecture

Endogenous Angiogenesis Inhibitors in the Management of Cancer, Judah Folkman, Hall B, Los Angeles Convention Center, p. 176

Breast Cancer: A Model for Translational Research in Solid Tumors, Martin D. Abeloff, Room 403 A-B, Los Angeles Convention Center, p. 176

Chromatin and Cancer, Moshe Yaniv, Room 409 A-B, Los Angeles Convention Center, p. 176

Combinatorial Cancer Immunotherapy, Glenn Dranoff, Room 515 A, Los Angeles Convention Center, p. 176

Dissecting Cancer Pathways Using the Zebrafish: Emerging Results and Implications for Therapy, A. Thomas Look, Concourse F, Los Angeles Convention Center, p. 177

DNA Methylation, Inflammation, and Prostate Cancer, William G. Nelson V, Room 515 B, Los Angeles Convention Center, p. 177

From Surrogates to Mechanistic Kinase Biomarkers at the Single Cell Level in the Immune System and Hematological Cancers, Garry P. Nolan, Room 402 A-B, Los Angeles Convention Center, p. 177

Integrating Chemical and Biological Etiologies to Effect Cancer Prevention, John D. Groopman, Room 518, Los Angeles Convention Center, p. 177

Molecular Control of Apoptosis and Its Role in Tumorigenesis and Cancer Therapy, Andreas Strasser, Room 306 A-B, Los Angeles Convention Center, p. 178

Mouse Models of Human Cancer, Dean W. Felsher, Room 501 A-C, Los Angeles Convention Center, p. 178

Opportunities and Challenges for the Implementation of Personalized Molecular Medicine, Gordon B. Mills, Room 404 A-B, Los Angeles Convention Center, p. 178

Optical and Magnetic Resonance Molecular Imaging, Umar Mahmood, Room 406 A-B, Los Angeles Convention Center, p. 178

Ras Oncogene Signaling Networks, Julian Downward, Room 408 A-B, Los Angeles Convention Center, p. 178

Regulation of Stem Cell Functions, Connie J. Eaves, Room 502 A-B, Los Angeles Convention Center, p. 178

Somatic Mutations in Human Cancer: Emerging Patterns from Sequencing the Protein Kinase Gene Family, P. Andrew Futreal, Petree D, Los Angeles Convention Center, p. 179

Spotlight on Molecular Profiling in Cancer Pharmacology and Therapeutics, John N. Weinstein, Room 511 A-C, Los Angeles Convention Center, p. 179

Targeting the Wnt Pathway in Cancer, Paul G. Polakis, Room 304 A-C, Los Angeles Convention Center, p. 179

The Benefits of Retaining p53 Activity, Moshe Oren, Petree C, Los Angeles Convention Center, p. 179

8:00 AM-12:00 PM Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 5 Nuclear Receptors/Clinical Cancer Prevention, p. 180
- PR 6 Prevention Studies, p. 181
- EP 5 Biomarkers of DNA Damage and Repair 2, p. 182
- EP 6 Infection, Immunity, and Cancer Risk, p. 183
- CL 6 Methylation and mRNA Expression, p. 184
- CL 7 Pediatric Cancer Biology and Molecular Oncology, p. 185
- CL 8 Targeted Agents and Other Novel Therapies, p. 186
- CL 9 Vaccines and Immunotherapy, p. 187
- IM 4 Immunotherapy and Cancer Vaccines 2, p. 188
- CB 20 Apoptosis Therapy, p. 189
- CB 21 DNA Repair and Cancer Susceptibility, p. 190
- CB 22 DNA Repair and Chemotherapeutic Agent Resistance, p. 191
- CB 23 Molecular Genetics 3, p. 192
- CB 24 Molecular Genetics 4, p. 193
- CB 25 Receptor-Mediated Signaling 1, p. 194
- CB 26 Receptor-Mediated Signaling 2, p. 195
- CB 27 Transcription Factors and Oncogene Pathways, p. 196
- TB 12 Antiangiogenesis: Targeting Endothelial Receptors, p. 197
- TB 13 Genes Associated with Tumor Progression and Resistance, p. 198
- TB 14 Metastasis Inhibition, p. 199
- TB 15 Mouse Models of Cancer 2: Therapeutic Approaches, p. 200
- CH 3 Proteomics: Gastrointestinal, Renal, and Bladder

Cancer, p. 201

- ET 16 Drug Delivery 2, p. 202
- ET 17 Drug Resistance 1: Multidrug Resistance, p. 203
- ET 18 Drug Resistance 2: Taxanes, Antimetabolites, Platins, p. 204
- ET 19 Drug Resistance 3: Miscellaneous Agents, p. 205
- ET 20 Kinase Inhibitors 1, p. 206
- ET 21 TNF and TNF Receptors, DNA Damage, and Chemotherapeutics, p. 207

8:15-10:15 AM Clinical Research Track: Special Session 1

Phase III Clinical Plenary Session: Breakthroughs in Clinical Research, Larry Norton, Moderator, Hall A, Los Angeles Convention Center, p. 208

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

Special Program for High School Students: The Conquest of Cancer and the Next Generation, Golden State Room, Wilshire Grand Hotel, p. 209

9:30-12:00 AM Session on Ethics in Cancer Research

Balancing Cost and Clinical Benefits of New Anticancer Agents: A Societal Dilemma, Lowell E. Schnipper and Walter Wolf, Co-Chairpersons, Room 306 A-B, Los Angeles Convention Center, p. 209

9:30 AM-1:00 PM Minisymposia

- CG 3 Molecular Carcinogenesis 1, Cheryl Lyn Walker and John D. Groopman, Co-Chairpersons, Room 406 A-B, Los Angeles Convention Center, p. 210
- CL 10 Biomarkers of Clinical Outcomes, David B. Solit and Ingo K. Mellinghoff, Co-Chairpersons, Room 511 A-C, Los Angeles Convention Center, p. 210
- CB 28 Cistromes and Transcriptomes, Tim Hui-Ming Huang and Paul S. Meltzer, Co-Chairpersons, Room 409 A-B, Los Angeles Convention Center, p. 211

Category Codes for Poster Sessions and Minisymposia:
 TB 16 Tumor Microenvironment 3, Yves A. DeClerck and Lisa M. Coussens, Co-Chairpersons, Room 515 A, Los Angeles Convention Center, p. 211
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CH 4 Proteomics and Biomarker Discovery, Michael J. Luzzio and Alessandra Luchini, Co-Chairpersons, Room 304 A-C, Los Angeles Convention Center, p. 212

ET 22 HDAC Inhibitors 2: New Insights, Gerold Bepler and Kapil N. Bhalla, Co-Chairpersons, Room 404 A-B, Los Angeles Convention Center, p. 212

10:00 AM-12:00 PM MICR Forum

AACR-Minorities in Cancer Research Forum: Genetic Variability and Ethnicity in Cancer Treatment Outcome: Challenges and Opportunities, Francis Ali-Osman and Judith S. Kaur, Co-Chairpersons, Room 501 A-C, Los Angeles Convention Center, p. 213

10:00 AM-12:00 PM New Concepts in Organ Site Research

Acute Myeloid Leukemia, James D. Griffin and Christine Chomienne, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 214

Lung Cancer: From Stem Cells to Therapeutics, Daniel A. Haber and Joan H. Schiller, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 214

10:15-10:45 AM Address by the Director of the National Cancer Institute

John E. Niederhuber, Hall A, Los Angeles Convention Center, p. 215

10:45 AM-12:15 PM NCI/NIH-Sponsored Session

caBIG: The Cancer Biomedical Informatics Grid, Room 301 A-B, Los Angeles Convention Center, p. 215

10:30 AM-12:30 PM Symposia

The Stanley J. Korsmeyer Memorial Symposium: Apoptotic and Non-Apoptotic Cell Death in Cancer, Eileen P. White, Chairperson, Hall B, Los Angeles Convention Center, p. 216

Cancer Cell Cycles, Helen M. Piwnica-Worms, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 216

Developmental Signaling Pathways in Cancer, Hans Clevers, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 217

Ruth Sager Memorial Symposium on Cancer Genetics and Epigenetics: DNA Methylation/Epigenetics, Peter A. Jones, Chairperson, Petree D, Los Angeles Convention Center, p. 217

Immunotherapy, Martin A. Cheever, Chairperson, Petree C, Los Angeles Convention Center, p. 218

Strategies to Reduce Attrition in Clinical Trials, Richard B. Gaynor, Chairperson, Concourse E, Los Angeles Convention Center, p. 218

The Role of Dietary Factors in Cancer Etiology and Prognosis, Christine B. Ambrosone, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 219

Tumor Microenvironment, Joan S. Brugge, Chairperson, Concourse F, Los Angeles Convention Center, p. 219

10:45-11:00 AM

Presentation of the Fourth Annual AACR Award for Lifetime Achievement

Donald Metcalf, Hall A, Los Angeles Convention Center, p. 220

11:00 AM-12:00 PM Presidential Address

Geoffrey M. Wahl, Hall A, Los Angeles Convention Center, p. 221

12:00-2:00 PM New Concepts in Organ Site Research

Lymphoma Biology and Therapy, Riccardo Dalla-Favera and Ronald Levy, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 221

Recent Progress in Diagnosis and Management of Prostate Cancer, Owen N. Witte and Fritz H. Schröder, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 222

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AACR Annual Business Meeting, Room 306 A-B, Los Angeles

12:30-2:00 PM Forums

Controversies in Lung Cancer Screening, John D. Minna, Moderator, Concourse E, Los Angeles Convention Center, p. 224

New Approaches to Antiangiogenic Therapy in Pediatric Cancer: From Pets to People, Lee J. Helman, Moderator, Concourse F, Los Angeles Convention Center, p. 224

Vaccines for Cancer Treatment: Fantasy or Reality?, Elizabeth M. Jaffee, Moderator, Petree D, Los Angeles Convention Center, p. 224

1:00-4:30 PM Minisymposia

PR 7 Preclinical Prevention Studies 2: Molecular Pharmacology in Animal Models, Ethan Dmitrovsky and Powel H. Brown, Co-Chairpersons, Room 501 A-C, Los Angeles Convention Center, p. 225

EP 7 Cancer Biology, Risk, and Prognosis among Minority Populations, Kathleen E. Malone and Ashraf Hoque, Co-Chairpersons, Room 409 A-B, Los Angeles Convention Center, p. 225

EN 2 Steroid Hormone Signaling, Coregulators, and Crosstalk with Growth Factor Pathways, Rachel Schiff and Dorraya El-Ashry, Co-Chairpersons, Room 406 A-B, Los Angeles Convention Center, p. 226

CB 29 Receptor-Mediated Signaling 3, Yosef Yarden and Axel Ullrich, Co-Chairpersons, Room 511 A-C, Los Angeles Convention Center, p. 226

CB 30 What's New with p53 and the Family, Wafik S. El-Deiry and Yi Sun, Co-Chairpersons, Room 304 A-C, Los Angeles Convention Center, p. 227

TB 17 Tumor-Microenvironment Interactions in Metastasis: From Hypoxia to Host, Kent W. Hunter and Mary J. C. Hendrix, Co-Chairpersons, Room 404 A-B, Los Angeles Convention Center, p. 227

ET 23 Novel Molecular Mechanisms of Signaling Agents, Mark X. Sliwkowski and Fadlo R. Khuri, Co-Chairpersons, Room 515 A, Los Angeles Convention Center, p. 228

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1:00-5:00 PM Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 8 Dietary Interventions, p. 229
- EP 8 Molecular Epidemiology and Cancer Risk: Diet, Hormones, and Physical Activity, p. 230
- CG 4 Skin Carcinogenesis, p. 231
- CL 11 Adult Clinical Research/Phase I-II Clinical Trials, p. 232
- CL 12 Blood-Based Biomarkers, p. 233
- CL 13 mRNA Expression and Patient Outcome, p. 234
- IM 5 Immunotherapy and Cancer Vaccines 3: Genomics, MHC, p. 235
- CB 31 Autophagy and Drug Response, p. 236
- CB 32 Cell Signaling 1, p. 237
- CB 33 Cell Signaling 2, p. 238
- CB 34 DNA Methylation 1, p. 239
- CB 35 DNA Methylation 2, p. 240
- CB 36 Drug Resistance and Metabolism, p. 241
- CB 37 Genomic Characterization of Human Cancer, p. 242
- CB 38 Molecular Signatures of Tumor Biology and Patient Outcome, p. 243
- CB 39 Tumor Classification Based on Coding and Regulatory Transcriptomes, p. 244
- TB 18 Angiogenesis, Lymphangiogenesis, and Metastasis: Imaging and Model Systems, p. 245
- TB 19 Cell-Cell and Cell-Matrix Adhesive Interactions, p. 246
- TB 20 Mouse Models of Cancer 3: Mechanisms of Tumor Formation, p. 247
- TB 21 Proteases in Invasion and Metastasis, p. 248
- TB 22 Radiation Biology 1: Modulating Radiation Response, p. 249
- CH 5 Proteomics of Hematopoiesis, Pediatric and Brain Tumors, and Biomarker Development, p. 250
- CH 6 Structural Biology of Drug Targets, p. 251
- ET 24 Antimetabolites and Alkylating Agents, p. 252
- ET 25 Cell Cycle and Apoptosis, p. 253
- ET 26 Kinase Inhibitors 2, p. 254
- ET 27 Mechanisms of Agents: Targeting Hormonal Tumors or COX-2, p. 255
- ET 28 Targeted Viral and Non-Viral Therapy of Cancer, p. 256
- ET 29 Viral and Monoclonal Antibody-Based Therapy of Cancer, p. 257

1:30-2:30 PM

AACR-Irving Weinstein Foundation Distinguished Lecture

Alexander Varshavsky, Hall A, Los Angeles Convention Center, p. 258

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

Tips on the NIH Grant Process: Opportunities for Cancer Research Funding at NIGMS, NIDCR, NIDDK, NHCBI, and Other NIH Institutes, Phuong Kim Pham, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 259

2:00-2:30 PM

AACR-Gertrude B. Elion Cancer Research Career Development Award Lecture

Scott M. Hammond, Petree D, Los Angeles Convention Center, p. 260

2:00-4:00 PM

New Concepts in Organ Site Research

Advances in Renal Cancer Genetics, Biology, and Treatment, William G. Kaelin, Jr. and Michael B. Atkins, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 261

Basal-like Breast Cancers: What We Know and Don't Know, Olufunmilayo I. Olopade and Judy E. Garber, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 261

2:30-4:30 PM

Clinical Research Track: Special Session 2

Preclinical Research and Phase I Clinical Trials, Hall B, Los Angeles Convention Center, p. 262

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2:30-4:30 PM Symposia

Angiogenesis/Lymphangiogenesis, Gabriele I. A. Bergers, Chairperson, Petree C, Los Angeles Convention Center, p. 263

Mechanisms of Immune Surveillance and Its Evasion by Tumors, Douglas Hanahan, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 263

Non-Coding RNAs in Cancer, Gregory Hannon, Chairperson, Petree D, Los Angeles Convention Center, p. 264

Oncogenomics, Joe W. Gray, Chairperson, Concourse E, Los Angeles Convention Center, p. 264

Science of Supportive Care: Impact of Science on the Quality of Life for Cancer Patients, Perry D. Nisen, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 265

Targeting Cell Death Pathways for Cancer Drug Discovery, Stephen W. Fesik, Chairperson, Concourse F, Los Angeles Convention Center, p. 265

3:30-5:30 PM NCI/NIH-Sponsored Session

Technology Transfer: Financial and Career Opportunities for Researchers, Phuong Kim Pham, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 266

4:00-6:00 PM New Concepts in Organ Site Research

Breast Cancer, Myles A. Brown and Dennis J. Slamon, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 266

4:30-5:30 PM

Sixth Annual Kirk A. Landon-AACR Prize for Basic Cancer Research Lecture

Richard D. Kolodner, Hall A, Los Angeles Convention Center, p. 267

4:45-6:15 PM Forum

Identifying, Preventing, and Ameliorating Late Effects in Cancer Survivors, Lisa Diller, Moderator, Petree D, Los Angeles Convention Center, p. 268

5:00-6:30 PM Town Meeting

Minorities in Cancer Research (MICR) Town Meeting, Carlos A. Casiano, Chairperson, Golden State Room, Wilshire Grand Hotel, p.

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5:30-6:30 PM

Sixth Annual Dorothy P. Landon-AACR Prize for Translational Cancer Research Lecture

Douglas R. Lowy and John T. Schiller, Hall A, Los Angeles Convention Center, p. 269

6:00-8:00 PM

NCI/NIH-Sponsored Session

The Cancer Genome Atlas, Session 2: Lung Cancer, Anna D. Barker, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 270

6:45-8:30 PM

Professional Advancement Series

Ethical, Legal, and Policy Issues Relevant to Biospecimen Collection, Grand Ballroom (Second Level), Salons 3-4, Los Angeles Marriott Hotel, p. 271

Starting and Managing Collaborations in an Increasingly Global Cancer Research Community, Concourse Ballroom (Second Level), Salons 1-3, Los Angeles Marriott Hotel, p. 271

6:45-8:30 PM

Town Meeting

Chemistry in Cancer Research Working Group Town Meeting and Reception, Wilshire Room, Wilshire Grand Hotel, p. 272

7:00-9:30 PM

Professional Advancement Series

MICR Reception and Roundtable: Navigating the Road to a Successful Career in Cancer Research, Patricia S. Lorenzo and Jessie A. Satia, Co-Chairpersons, Sierra Ballroom, Wilshire Grand Hotel, p. 273

9:00-11:00 PM

Annual Reception

California Ballroom, Westin Bonaventure Hotel, p. 274

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

The NCI's Early Detection Research Network: Novel Technologies and Validation Challenges, Room 301 A-B, Los Angeles Convention Center, p. 275

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

AACR Centennial Lecture
Cancer-initiating Cells: From Leukemia to Solid Tumors, John E. Dick, Concourse F, Los Angeles Convention Center, p. 276

AACR Centennial Lecture
The Multifactorial Nature of Drug Resistance, Susan Band Horwitz, Concourse E, Los Angeles Convention Center, p. 276

Aberrant Ras Signaling in Developmental Disorders and Childhood Cancer, Kevin M. Shannon, Petree D, Los Angeles Convention Center, p. 276

Design and Analysis of Genome-wide Association Studies, John S. Witte, Room 404 A-B, Los Angeles Convention Center, p. 277

Gender, Ethnicity, and Response to Anticancer Agents, Alex A. Adjei, Room 402 A-B, Los Angeles Convention Center, p. 276

Metabolism and Cancer, Reuben J. Shaw, Room 409 A-B, Los Angeles Convention Center, p. 277

Myc in Breast Cancer Progression, Olufunmilayo I. Olopade, Room 518, Los Angeles Convention Center, p. 277

Oncogene-induced Senescence: *In Vitro* Tool or *In Vivo* Reality?, Daniel S. Peeper, Room 501 A-C, Los Angeles Convention Center, p. 277

Progress in Metronomic Antiangiogenic Chemotherapy, Robert S. Kerbel, Room 511 A-C, Los Angeles Convention Center, p. 278

Targeting p53 and the NF-κB, Andrei V. Gudkov, Room 304 A-C, Los Angeles Convention Center, p. 278

The Role Of Chromatin-Based Gene Regulation In Cancer: New Therapeutic and Prevention Targets, Frank J. Rauscher, III, Room 408 A-B, Los Angeles Convention Center, p. 278

The Role of Intercellular Communication in Regulating the Development of Squamous Cell Carcinomas, Fiona M. Watt, Room 406 A-B, Los Angeles Convention Center, p. 278

The Shp2/Ras/Erk Pathway in Human Disease, Benjamin G. Neel, Room 515 A, Los Angeles Convention Center, p. 279

Tissue Recombinant Models of Cancer, Simon W. Hayward, Room 403 A-B, Los Angeles Convention Center, p. 279

Towards the Early Detection of Cancer, Amanda Paulovich, Room 306 A-B, Los Angeles Convention Center, p. 279

Viruses: Powerful Agents with Which to Understand and Treat Cancer, Clodagh C. O'Shea, Room 515 B, Los Angeles Convention Center, p. 279

8:00-9:00 AM

Forty-Seventh Annual AACR-G.H.A. Clowes Memorial Award Lecture

Michael B. Kastan, Hall A, Los Angeles Convention Center, p. 280

8:00-9:00 AM Town Meeting

Women in Cancer Research (WICR) Membership Caucus, Anne W. Hamburger, Chairperson, Room 512 A-B, Los Angeles Convention Center, p. 281

8:00-9:30 AM Forums

Cancer Consortia: Opportunities and Challenges, Paolo Boffetta, Moderator, Petree C, Los Angeles Convention Center, p. 282

Exploring the Role of Hedgehog in Cancer, David J. Robbins, Moderator, Petree D, Los Angeles Convention Center, p. 282

Genetic Testing for Cancer Predisposition and Pharmacogenetics, Sapna Syngal, Moderator, Concourse F, Los Angeles Convention Center, p. 282

Why Are Studies of Diet and Cancer Inconsistent?, John D. Potter, Moderator, Concourse E, Los Angeles Convention Center, p. 282

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

Advances in Early Detection and Targeted Therapy of Ovarian Cancer, Kunle Odunsi and Robert F. Ozols, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 283

Translational Research in GI and Esophageal Cancers: Bench, Bedside, and Population, Brian J. Reid and Timothy C. Wang, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 283

8:00 AM-12:00 PM Late-Breaking Poster Session 1

Damaging Agents, p. 311

Exhibit Hall, Los Angeles Convention Center, p. 284

8:00 AM-12:00 PM Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 9 Signal Transduction 1, p. 285
- PR 10 Signal Transduction 2, p. 286
- EP 9 Epidemiology of Cancer Survivorship, p. 287
- EP 10 Molecular Epidemiology of Growth, Cell Cycle, and Energy Balance, p. 288
- CG 5 Female Reproductive Tract, Breast, and Estrogen Carcinogenesis, p. 289
- CL 14 Biomarkers with Clinical Significance: Blood, Tissue, and Imaging, p. 290
- CL 15 Phase II-III Adult Clinical Trials, p. 291
- IM 6 Monoclonal Antibody Therapy and TLR Activation, p. 292
- EN 3 Steroid Metabolism, Hormone Signaling, and Novel Pathways, p. 293
- CB 40 Apoptosis 1, p. 294
- CB 41 Apoptosis 2, p. 295
- CB 42 Candidate Tumor Suppressors 1, p. 296
- CB 43 Candidate Tumor Suppressors 2, p. 297
- CB 44 Computational and Genomic Approaches for Understanding Cancer Gene Expression, p. 298
- CB 45 Cytosolic Signaling 1, p. 299
- CB 46 Cytosolic Signaling 2, p. 300
- CB 47 EGFR Family Signaling, p. 301
- CB 48 Novel Computational and Molecular Approaches to Cancer Gene Discovery, p. 302
- TB 23 Angiogenesis 1: Invasion and Metastasis, p. 303
- TB 24 Mouse Models of Cancer 4: Tissue-specific Systems I, p. 304
- TB 25 Mouse Models of Cancer 5: Tissue-specific Systems II, p. 305
- TB 26 Radiation Biology 2: DNA Damage/Apoptosis, p. 306
- TB 27 Tumor Invasion, p. 307
- CH 7 Drug Discovery and Design 1, p. 308
- ET 30 Angiogenesis Inhibitors, p. 309
- ET 31 EGFR Inhibition, p. 310
- ET 32 Mechanisms of Nucleoside Targeting Agents and DNA

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- ET 33 **Novel Approaches to Enhance Effectiveness or Decrease Toxicity of Active Agents**, p. 312
- ET 34 **Targeting mTOR, EGFR, and HDAC**, p. 313
- ET 35 **Therapeutic Antibodies**, p. 314

Ubiquitin and Proteosomes, Raymond J. Deshaies, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 322

9:00-10:00 AM

Twelfth Annual AACR-Joseph H. Burchenal Memorial Award for Clinical Research Lecture

Kenneth C. Anderson, Hall A, Los Angeles Convention Center, p. 315

10:00 AM-12:00 PM Clinical Research Track: Special Session 3

Phase II Proof of Concept Clinical Trials, Philip W. Kantoff, Moderator, Hall B, Los Angeles Convention Center, p. 316

10:00 AM-12:00 PM New Concepts in Organ Site Research

Current Approaches to Colorectal Cancer Biology, Raju Kucherlapati and Raymond N. DuBois, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 317

Melanoma, Molecular Biology, and Targeted Therapy Translation, Richard M. Marais and Keith T. Flaherty, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 317

10:00 AM-12:00 PM Symposia

Ageing and Cancer, Judith Campisi, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 318

Cancer Biomarkers and Molecular Diagnostics, Samir M. Hanash, Chairperson, Concourse F, Los Angeles Convention Center, p. 318

Hormonal Networks, Ronald M. Evans, Chairperson, Petree C, Los Angeles Convention Center, p. 319

Imaging in Cancer, Ralph J. Weissleder, Chairperson, Petree D, Los Angeles Convention Center, p. 319

Innovations in Drug Development and Clinical Trials, Alex A. Adjei, Chairperson, Concourse E, Los Angeles Convention Center, p. 320

MICR Scientific Symposium: Molecular Aspects of Cancer Treatment and Cancer Risk, Jean G. Ford and Eddie Reed, Co-Chairpersons, Room 301 A-B, Los Angeles Convention Center, p. 320

RNAi Therapies, Stephen H. Friend, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 321

The Implications of Genome Structure in Cancer Etiology and Outcomes, Timothy R. Rebbeck, Chairperson, Room 402 A-B, Los Angeles Convention Center, p. 321

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10:00 AM-1:30 PM Minisymposia

- EP 11 Inflammation, Immunity, and Novel Pathways**, Christine F. Skibola and James R. Cerhan, Co-Chairpersons, Room 501 A-C, Los Angeles Convention Center, p. 323
- CL 16 Clinical Immunology and Biological Therapy**, Michael B. Atkins and Kim A. Margolin, Co-Chairpersons, Room 409 A-B, Los Angeles Convention Center, p. 323
- CB 49 Cancer Epigenetics**, Charles W. M. Roberts and Toshikazu Ushijima, Co-Chairpersons, Room 304 A-C, Los Angeles Convention Center, p. 324
- CB 50 Non-Receptor Mediated Signaling**, Peter K. Vogt and David Schlaepfer, Co-Chairpersons, Room 511 A-C, Los Angeles Convention Center, p. 324
- TB 28 Angiogenesis and Lymphangiogenesis in Tumor Metastasis**, Kari K. Alitalo and Judith A. Varner, Co-Chairperson, Room 404 A-B, Los Angeles Convention Center, p. 325
- CH 8 Drug Discovery and Design 2: Targeted Design and Delivery**, Diane H. Boschelli and Chengguo Xing, Co-Chairpersons, Room 406 A-B, Los Angeles Convention Center, p. 325
- ET 36 Genetic and Antibody Based Experimental Therapies**, F. Stephen Hodi and Bob S. Carter, Co-Chairpersons, Room 515 A, Los Angeles Convention Center, p. 326

10:00 AM-1:30 PM Session on New Technology

Advances in Nanotechnology Applications for Cancer Research, Anna D. Barker and Jan E. Schnitzer, Co-Chairpersons, Room 306 A-B, Los Angeles Convention Center, p. 327

12:00-1:00 PM

Thirty-first Annual AACR-Richard and Hinda Rosenthal Foundation Award Lecture

Daniel A. Haber, Hall A, Los Angeles Convention Center, p. 328

12:00-2:00 PM

New Concepts in Organ Site Research

- Functional Genomics and Signaling Pathways in Liver Cancer**, Snorri S. Thorgeirsson and Jack R. Wands, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 329
- Recent Advances in Head and Neck Cancer**, Waun Ki Hong and Jennifer R. Grandis, Co-Chairpersons, Room 411, Los Angeles Convention Center, p. 329

12:15-1:45 PM

Forums

- Challenges in Breast Cancer Genetics**, Judy E. Garber, Moderator, Concourse F, Los Angeles Convention Center, p. 330
- Natural Products: Mother Nature's Gifts to Oncology!**, David Newman, Moderator, Petree D, Los Angeles Convention Center, p. 330
- The Challenges of Standardization of Molecular Profile Data**, John Quackenbush, Moderator, Petree C, Los Angeles Convention Center, p. 330
- Translating the Cancer Stem Cell Hypothesis to Cancer Patient Care**, David T. Scadden, Moderator, Concourse E, Los Angeles Convention Center, p. 330

12:45-2:00 PM

Forum

Science Policy and Legislative Affairs: Cancer Funding Outlook in the New Congress, William G. Nelson V, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 331

12:45-3:15 PM

Basic/Translational Late-Breaking Plenary Session

George D. Yancopoulos, Chairperson, Hall B, Los Angeles Convention Center, p. 331

1:00-2:00 PM

AACR Princess Takamatsu Memorial Lecture

Webster K. Cavenee, Hall A, Los Angeles Convention Center, p. 332

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1:00-5:00 PM Late-Breaking Poster Session 2

Exhibit Hall, Los Angeles Convention Center, p. 333

1:00-5:00 PM Poster Sessions

Exhibit Hall, Los Angeles Convention Center

- PR 11 Natural Products 1, p. 334
- EP 12 Familial Risk, Carcinogen Metabolism, and Other Pathways, p. 335
- EP 13 Genetics of Inflammation and DNA Repair, p. 336
- CG 6 Molecular Carcinogenesis 2, p. 337
- CL 17 Gene Expression in Endocrine Regulated Tumors/Clinical Research in Elderly and Minority Populations, p. 338
- CL 18 Immunobiology, Immunoassays, and Cytokines, p. 339
- EN 4 Steroid Receptor Signaling in Breast, Prostate, and Other Cancers, p. 340
- CB 51 Cell Cycle Regulators as Therapeutic Targets, p. 341
- CB 52 Cell Surface Receptor Signaling, p. 342
- CB 53 Computational Approaches for Understanding Cancer Biology, p. 343
- CB 54 Genomic Approaches to Therapeutic Target Discovery, p. 344
- CB 55 Metabolism and Cancer Inhibitors, p. 345
- CB 56 Metabolism and Cancer Pathways and Regulation, p. 346
- CB 57 MicroRNA and Epigenetics, p. 347
- CB 58 p53 and BRCA1 Tumor Suppressors, p. 348
- CB 59 System-Based Characterization of Targeted Drug Response, p. 349
- CB 60 Unfolded Protein and Other Stresses, p. 350
- TB 29 Angiogenesis 2: Novel Inhibitors, p. 351
- TB 30 Angiogenesis 3: Novel Strategies and Biomarkers, p. 352
- TB 31 Chemokines and Mediators of Inflammation and Angiogenesis, p. 353
- TB 32 Gene Expression and Proteomic Profiles and Metastasis, p. 354
- CH 9 Drug Discovery and Design 3: Drug Delivery, Structural Analyses, p. 355
- ET 37 Cancer Therapeutics 1, p. 356
- ET 38 Cancer Therapeutics 2, p. 357

ET 39 Experimental Gene Based Therapeutics, p. 358

ET 40 Natural Products and Their Proximal Derivatives in Cancer Treatment, p. 359

ET 41 New and Emerging Targets 2, p. 360

ET 42 Therapeutic Approaches to Apoptosis, p. 361

2:00-4:00 PM New Concepts in Organ Site Research

Malignant Gliomas, Webster K. Cavenee and W. K. Alfred Yung, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 362

2:00-4:00 PM Special Symposium

Associate Member Council Symposium: Future Leaders, New Directions—Highlighting the Work of Outstanding Early-Career Scientists, Room 411, Los Angeles Convention Center, p. 362

2:00-5:30 PM Minisymposia

- IM 7 **Immunotherapy and Cancer Vaccines 4**, Wei-Zen Wei and Keith Knutson, Co-Chairpersons, Room 409 A-B, Los Angeles Convention Center, p. 363
- CB 61 **Cell Responses: Senescence and Autophagy**, Stephen Neidle and Lily Yang, Co-Chairpersons, Room 511 A-C, Los Angeles Convention Center, p. 363
- CB 62 **New Cancer-Associated Loci**, Alea A. Mills and Xiang Xu, Co-Chairpersons, Room 304 A-C, Los Angeles Convention Center, p. 364
- TB 33 **Prostate Cancer Biology**, Dylan R. Edwards and Carrie W. Rinker-Schaeffer, Co-Chairpersons, Room 406 A-B, Los Angeles Convention Center, p. 364
- ET 43 **Pathways to Apoptosis**, Giuseppe Giaccone and W. Douglas Cress, Co-Chairpersons, Room 404 A-B, Los Angeles Convention Center, p. 365
- ET 44 **Target Identification and Validation: Large Scale Approaches**, Chiu Isabel and Thijn Brummelkamp, Co-Chairpersons, Room 515 A, Los Angeles Convention Center, p. 365

2:00-5:30 PM Special Sessions

AACR/International Psycho-Oncology Society/American Psychosocial Oncology Symposium
Chemotherapy-Related Cognitive Dysfunction: An Emerging Area of Translational Research, Jimmie C. Holland, Chairperson, Room 306 A-B, Los Angeles Convention Center, p. 366

Session Commemorating the 50th Anniversary of the Discovery of Nitrosamine Carcinogenesis by Peter N. Magee and John M. Barnes
Carcinogens in the Environment: Lessons Learned and Forgotten, Richard N. Loeppky, Chairperson, Room 501 A-C, Los Angeles Convention Center, p. 367

2:15-3:15 PM

Sixteenth AACR-American Cancer Society Award Lecture on Cancer Epidemiology and Prevention

Thomas W. Kensler, Hall A, Los Angeles Convention Center, p. 368

3:15-5:15 PM Symposia

Gene-Environment Interactions in Diverse Populations, Loïc Le Marchand, Chairperson, Room 403 A-B, Los Angeles Convention Center, p. 369

Infectious Agents and Cancer: The Role of Immunity and Inflammation, Marc T. Goodman, Chairperson, Room 502 A-B, Los Angeles Convention Center, p. 369

Linking Chromatin Dynamics to Cancer Biology, Therapeutics, and Prevention, Frank J. Rauscher, III, Chairperson, Concourse F, Los Angeles Convention Center, p. 370

Novel Trial Designs for Early Drug Development, Larry Norton and Richard M. Simon, Co-Chairpersons, Concourse E, Los Angeles Convention Center, p. 370

Obesity, Metabolism, and Cancer, Stephen D. Hursting, Chairperson, Petree C, Los Angeles Convention Center, p. 371

Pediatric Cancer, Luis F. Parada, Chairperson, Room 408 A-B, Los Angeles Convention Center, p. 371

PI3K-mTOR, Lewis C. Cantley, Chairperson, Hall B, Los Angeles Convention Center, p. 372

Translational Control and Cancer, Nahum Sonenberg, Chairperson, Petree D, Los Angeles Convention Center, p. 372

Cancer Stem Cells: The Bayard D. Clarkson Symposium on Stem Cells and Cancer, Jane Visvader, Chairperson, Room 402 A-B, Los Angeles Convention Center, p. 373

3:30-5:30 PM High-Impact Late-Breaking Research 1

Hall A, Los Angeles Convention Center, p. 373

4:00-6:00 PM New Concepts in Organ Site Research

Early Detection of Pancreatic Cancer: The Holy Grail, Nabeel M. Bardeesy and Margaret A. Tempero, Co-Chairpersons, Room 515 B, Los Angeles Convention Center, p. 374

5:00-7:00 PM NCI/NIH-Sponsored Session

The Cancer Genome Atlas 3: Ovarian Cancer, Anna D. Barker, Chairperson, Room 301 A-B, Los Angeles Convention Center, p. 374

6:45-8:30 PM Professional Advancement Series

Successful Paper Publishing: Insight and Guidance, Grand Ballroom (Second Level), Los Angeles Marriott Hotel, p. 374

6:45-8:30 PM Town Meeting

Tumor Microenvironment Working Group Town Meeting and Reception, Concourse Ballroom (Second Level), Los Angeles Marriott Hotel, p. 374

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