

**7:15 AM-1:00 PM Special Session**

**MI/CCP Presidential Leadership Forum**, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 46

**9:00 AM-11:00 AM Educational Sessions**

**Balancing Kinases and Phosphatases**, John S. Lazo, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 47

**Bioinformatics: Creating a Whole More than the Sum of a Research Study's Parts**, Kenneth H. Buetow, Chairperson, Room 210, Anaheim Convention Center, p. 47

**Clinical Trials, Session 1: Preclinical Studies to Phase I Trials**, Peter J. Houghton, Chairperson, Ballroom E, Anaheim Convention Center, p. 48

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 1: Target Identification and Validation in Cancer Drug Discovery**, John T. Hunt, Chairperson, Room 204, Anaheim Convention Center, p. 48

**The Ubiquitin Proteasome System: Roles and Targets in Cancer**, Steven I. Reed, Chairperson, Room 207, Anaheim Convention Center, p. 49

**Translating Antiangiogenesis Therapy to the Clinic: Emerging Concepts**, Rakesh K. Jain, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 49

**9:00 AM-1:00 PM Methods Workshop**

**Mouse Models**, Anton J. M. Berns, Chairperson, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 50

**10:00 AM-2:00 PM Ninth Annual AACR Public Forum: Progress in the Nation's War on Cancer**  
California Pavilion C, Hilton Anaheim Hilton, p. 51

**11:15 AM-1:15 PM Educational Sessions**

**Advances in Molecular Epidemiology: Biomarkers of Exposure and Susceptibility—Old School/New School**, Douglas A. Bell, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 53

**Clinical Trials, Session 2: Phase I and II Trials**, Susan G. Hilsenbeck, Chairperson, Ballroom E, Anaheim Convention Center, p. 53

**Drug Resistance in Solid Tumors**, Ian F. Tannock, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 54

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 2: Drug Lead Generation**, Sonya D. Zabudoff, Chairperson, Room 204, Anaheim Convention Center, p. 54

**Oncolytic Viruses**, Glen N. Barber, Chairperson, Room 207, Anaheim Convention Center, p. 55

**Therapeutic Antibodies in Cancer: Focus on Mechanism of Action**, Mark X. Sliwkowski and Mary L. Disis, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 55

**Therapeutic Targeting of Mitosis**, Pearl S. Huang, Chairperson, Room 303, Anaheim Convention Center, p. 56

**12:00 PM-5:00 PM Professional Advancement Series**

**Eighth Annual Associate Member Grant Writing Workshop**, Mary L. Disis and William T. Beck, Co-Chairpersons, California Pavilion D, Hilton Anaheim Hotel, p. 57  
(Pre-registration was required for this session.)

**1:00 PM-6:00 PM Professional Advancement Series**

**WICR Leadership Development Workshop**, Adriana Albini and Elizabeth L. Travis, Co-Chairpersons, Grand Ballroom F, Marriott Anaheim Hotel, p. 58

**2:00 PM-4:00 PM Educational Sessions**

**Breast and Prostate Clinical Prevention Trials, Including Biomarker End-Point Evaluation**, Peter Greenwald, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 60

**Clinical Trials, Session 3: Randomized Controlled Trials**, Ian F. Tannock, Chairperson, Ballroom E, Anaheim Convention Center, p. 60

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 3: Drug Lead Optimization**, Michael J. Luzzio, Chairperson, Room 204, Anaheim Convention Center, p. 61

**Gene-Gene Interactions in Cancer Etiology**, Jason H. Moore, Chairperson, Room 303, Anaheim Convention Center, p. 61

**Novel Drug Targets in DNA Replication**, Mary-Ann Bjornsti, Chairperson, Room 210, Anaheim Convention Center, p. 62

**Role of Mitochondria in Cancer Biology**, Lawrence A. Loeb, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 62

**The Use of Mouse Models to Investigate the Influence of Genetic Background on Tumorigenesis**, Glenn Merlino, Chairperson, Room 207, Anaheim Convention Center, p. 63

**2:00 PM-4:00 PM      Methods Workshops**

**Cell Based Screening Approaches and Automation**, Lucienne V. Ronco, Chairperson, Room 213, Anaheim Convention Center, p. 59

**RNAi: Part 1: Improving the Efficiency of RNAi in Mammals**, Vivek Mittal, Chairperson, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 59

**2:00 PM-5:00 PM      Professional Advancement Series**

**Three Steps to Obtaining Your Position in Cancer Research**, Frank McCormick, Judah J. Folkman, and Peter J. Houghton, Co-Chairpersons, California Pavilion A, Hilton Anaheim Hotel, p. 64

**2:00 PM-6:00 PM      Methods Workshop**

**New Genomic Technologies**, William R. Sellers, Chairperson, Marquis Ballroom South, Marriott Anaheim Hotel, p. 65

**4:00 PM-6:00 PM      Methods Workshop**

**RNAi: Part 2: Application of siRNA in Cancer Target Identification**, René Bernards, Chairperson, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 65

**4:15 PM-6:15 PM      Educational Sessions**

**Apoptosis Mechanisms in the Cause and Cure of Cancer**, David L. Vaux, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 66

**From Chemistry to the Clinic: Pathways for Drug Discovery and Development. Part 4: From Drug Candidate to the Clinic**, Homer L. Pearce, Chairperson, Room 204, Anaheim Convention Center, p. 66

**Human Specimen Research: Promise, Problems and Practical Approaches**, Roger L. Aamodt, Chairperson, Ballroom E, Anaheim Convention Center, p. 67

**Nanotechnology: Accelerating Progress in Cancer Research**, Anna D. Barker, Chairperson, Room 201, Anaheim Convention Center, p. 67

**Pharmacogenomics and Cancer: Status, Strategies and Mechanisms**, Richard Weinshilboum, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 68

**The Jak/Stat Pathway in Cancer Immunology**, Xin-Yuan Fu, Chairperson, Room 210, Anaheim Convention Center, p. 68

**Transcription as a Target for Cancer Therapeutics**, Varsha V. Gandhi, Chairperson, Room 207, Anaheim Convention Center, p. 69

**6:15 PM-7:30 PM      Eighth Annual AACR-Women in Cancer Research-Charlotte Friend Memorial Lecture**

Joan S. Brugge, Ballroom A-B, Anaheim Convention Center, p. 70

**7:30 PM-9:45 PM      Professional Advancement Series**

**Roundtable: Careers in Clinical and Translational Cancer Research**, William N. Hait, Chairperson, California Pavilion D, Hilton Anaheim Hotel, p. 71

Sunday, April 17, 2005

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

**NIH Grants: Changes in Review and Funding Opportunities**, Suresh Mohla, Moderator, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 75

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

**A New Era in Radiation-Sensitizer Drug Development: Tyrosine Kinase Inhibitors**, Dennis E. Hallahan, Room 303A-B, Anaheim Convention Center, p. 76

**Dynamic Imaging of Plasticity and Escape in Tumor Cell Invasion**, Peter Friedl, Room 303C-D, Anaheim Convention Center, p. 76

**Genetic Mapping of Cancer Susceptibility Genes in the Domestic Dog**, Elaine A. Ostrander, Ballroom E, Anaheim Convention Center, p. 76

**Hypoxia, Angiogenesis, and Tumor Progression**, M. Celeste Simon, Room 207, Anaheim Convention Center, p. 77

**Lentivectors for Gene Delivery**, Gustavo Tiscornia, Room 210, Anaheim Convention Center, p. 77

**Mouse Modeling for Human Lung Cancer Predisposition Genes**, Ming You, Room 201, Anaheim Convention Center, p. 77

**Mutational Analysis of Signaling Pathways in Human Cancer**, Victor E. Velculescu, Room 204, Anaheim Convention Center, p. 77

**Myc and Cancer**, Gerard I. Evan, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 77

**Natural Products: Still Crazy after All These Years**, John M. Pezzuto, Room 203, Anaheim Convention Center, p. 78

**New Concepts in Tumor Suppression: Revisiting the Two-Hit Hypothesis**, Pier Paolo Pandolfi, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 78

**Targeted Therapy in Lung Cancer**, Giuseppe Giaccone, Marquis Ballroom South, Marriott Anaheim Hotel, p. 78

**The IKK Complex: Providing a Link Between Inflammation and Cancer**, Michael Karin, Ballroom C-D, Anaheim Convention Center, p. 79

**Therapeutic Approaches to Targeting the RAS/B-RAF Signaling Pathway in Cancer**, Richard M. Marais, Room 304, Anaheim Convention Center, p. 79

**Tumor Antigens Recognized by T-Cells: Molecular Definition, Intracellular Processing, and Clinical Testing as Vaccine Targets**, Benoît J. Van den Eynde, Room 213, Anaheim Convention Center, p. 79

**8:00 AM-11:25 AM Plenary Session**

**The Impact of Scientific Discovery on Cancer Diagnosis and Treatment**, Michael B. Kastan, Chairperson, Hall A, Anaheim Convention Center, p. 80

**Presentation of 2nd Annual AACR Lifetime Achievement Award to Alfred G. Knudson, Jr.**, p. 81

**8:00 AM-12:00 PM Poster Sessions**

Exhibit Hall B-D, Anaheim Convention Center

- CB 1 **Expression Profiling and Analysis of Cancer Biology**, p. 82
- CB 2 **Informatics in Genetic and Expression Analysis**, p. 83
- CB 3 **Mechanisms of Transcriptional Control**, p. 84
- CB 4 **Microarrays and Cancer Profiling**, p. 85
- CB 5 **Molecular Classification of Tumors 1**, p. 86
- CB 6 **Molecular Genetics 1**, p. 87
- CB 7 **Signaling in Head and Neck and Lung Cancers**, p. 88
- CB 8 **Signaling in Women's Cancer/Melanoma and Skin Cancer**, p. 89
- CG 1 **Viral Carcinogenesis**, p. 95
- CH 1 **Carcinogen Metabolism and DNA Damage**, p. 96
- CH 2 **Proteomic Analysis: Methods and Applications**, p. 97
- CL 1 **Advances in Technology: Tumor Cell Isolation, Detection, and Clinical Outcome**, p. 98
- CL 2 **Novel Therapeutics and Biomarkers of Response**, p. 99
- EP 1 **Determinants of Recurrence, Survival, and Response to Treatment**, p. 100
- EP 2 **Drug Use and Viral Exposures**, p. 101
- ET 1 **ABC Transporter Mechanisms of Resistance and Reversal**, p. 102
- ET 2 **Antibodies in Cancer Therapy**, p. 103
- ET 3 **Antisense Strategies in Cancer Therapy**, p. 104
- ET 4 **DNA, Histone, and Proteasome Modulation**, p. 105
- ET 5 **Novel Agents 1**, p. 106
- ET 6 **Targeting Signaling Pathways 1**, p. 107
- IM 1 **Antibody Therapy**, p. 108
- IM 2 **Immunotherapy 1**, p. 109
- PR 1 **Modulation of Arachidonic Acid Metabolism**, p. 110
- PR 2 **Molecular Markers in Prevention Research**, p. 111
- TB 1 **Gene Expression Profiling**, p. 90

- TB 2 Mechanisms of Invasion and Motility 1, p. 91
- TB 3 Novel Therapies for Tumor Progression and Metastasis, p. 92
- TB 4 Signaling Pathways in Tumor Progression, p. 93
- TB 5 Tumor and Metastasis Suppressors and Mechanisms, p. 94

**11:00 AM-5:00 PM**      **Exhibit Show Open**  
Exhibit Hall B-D, Anaheim Convention Center

**11:30 AM-12:30 PM**      **Eighth Annual Pezcoller Foundation-AACR International Award for Cancer Research Lecture**

Lewis C. Cantley, Hall A, Anaheim Convention Center, p. 112

**1:00 PM-2:00 PM**      **Fourth Annual Kirk A. Landon-AACR Prize for Basic Cancer Research Lecture**

Elizabeth H. Blackburn, Hall A, Anaheim Convention Center, p. 113

**1:00 PM-2:30 PM**      **Forums**

**Challenges in the Surveillance, Prevention and Treatment of Breast Cancer: Is More Better?**, Olufunmilayo I. Olopade, Moderator, Ballroom E, Anaheim Convention Center, p. 114

**Controversies in the Screening and Early Detection of Prostate Cancer**, William G. Nelson, V, Moderator, Room 204, Anaheim Convention Center, p. 114

**1:00 PM-2:30 PM**      **Roundtable**

**The Future of Oncologic Drugs in the New Era of Molecular Targeted Therapy**, Charles L. Sawyers, Moderator, Ballroom A-B, Anaheim Convention Center, p. 115

**1:00 PM-5:00 PM**      **Poster Sessions**  
Exhibit Hall B-D, Anaheim Convention Center

- CB 9 Apoptosis 1: Survival Factors, p. 116
- CB 10 Apoptosis Regulators 1, p. 117
- CB 11 Methylation Profiling, p. 118
- CB 12 Molecular Classification of Tumors 2, p. 119
- CB 13 Novel Targets of Epigenetic Silencing in Cancer, p. 120
- CB 14 Receptor Signaling, p. 121
- CB 15 Signaling and Prostate Cancer, p. 122

- CB 16 Signaling Effectors, p. 123
- CB 17 Signaling in Prostate and Other Urogenital Cancers, p. 124
- CG 2 Chemical Carcinogenesis, p. 130
- CH 3 Small Molecule Structure-Activity Relationships, p. 131
- CL 3 Modification of Radiation Sensitivity, p. 132
- CL 4 Molecular Markers in Diagnosis and Prognosis 1: Gastrointestinal Malignancies (Colorectal, Gastric, Pancreatic, and Hepatocellular), p. 133
- EN 1 Breast Cancer: Hormone Resistance/Signaling, p. 134
- EP 3 Familial and Hereditary Cancer Risk, p. 135
- ET 7 Adenoviral Vectors for Gene Therapy of Cancer, p. 136
- ET 8 DNA Reactive Agents/Alkylating Agents, p. 137
- ET 9 Drug Delivery, p. 138
- ET 10 Drug Targeting, p. 139
- ET 11 Experimental Radiotherapy, p. 140
- ET 12 Mechanisms of Resistance and Sensitivity to Platinum-based Compounds, p. 141
- ET 13 Protein Kinases/Phosphatases and Other Targets for Therapy, p. 142
- IM 3 Immune Diagnosis and Monitoring, p. 143
- PR 3 Biological and Biochemical Mechanisms in Prevention 1, p. 144
- PR 4 Biomarkers and Clinical Prevention Studies, p. 145
- TB 6 Animal Models 1, p. 125
- TB 7 Animal Models 2: Breast and Female Reproductive Tract, p. 126
- TB 8 Animal Models 3: Cell Signaling and Cell Cycle, p. 127
- TB 9 Hypoxia and Tumor Microenvironment, p. 128
- TB 10 Microvascular Biology, p. 129

**1:15 PM-3:15 PM**      **New Concepts in Organ Site Research**

**New Developments in Lymphoma**, Louis M. Staudt and Sharon B. Murphy, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 146

**1:30 PM-3:00 PM**      **Town Meeting**

**Associate Member Town Meeting: A Forum for Early-Career Scientists**, Room 303C-D, Anaheim Convention Center, p. 147

**2:00 PM-3:00 PM**      **Fourth Annual Dorothy P. Landon-AACR Prize for Translational Cancer Research Lecture**

Janet D. Rowley, Hall A, Anaheim Convention Center, p. 148

**2:00 PM-5:30 PM**      **Minisymposia**

- CB 18 DNA Repair and Genomic Instability**, James M. Ford and Maria Jasin, Co-Chairpersons, Room 213, Anaheim Convention Center, p. 149
- CB 19 Informatics Integration in Cancer Research**, Cynthia A. Afshari and Cindy A. Wilson, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 149
- CB 20 Translational Genomics of Human Reproductive and Urologic Tumors**, Heather E. Cunliffe and Shiv K. Srivastava, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 150
- CL 5 Molecular Correlates of Response and Survival**, John Mendelsohn and Sofia D. Merajver, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 151
- ET 14 Cellular Responses to Cancer Therapeutics**, Kapil N. Bhalla and Mary-Ann Bjornsti, Co-Chairpersons, Room 303A-B, Anaheim Convention Center, p. 151
- ET 15 Modulation of Antiapoptotic Pathways**, Paul Dent and Leigh S. Zawel, Co-Chairpersons, Marquis Ballroom South, Marriott Anaheim Hotel, p. 152
- ET 16 RNAi Application to Drug Discovery and Protein-Protein Inhibitors**, Robert A. Kramer and Garth Powis, Co-Chairpersons, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 152
- TB 11 Radiation Biology 1**, Dennis E. Hallahan and Lisa A. Kachnic, Co-Chairpersons, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 150

**3:00 PM-4:30 PM**      **Professional Advancement Series**

**Undergraduate Student Caucus**, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 153

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

**VEGF and p53 Targeted Therapies for Renal and Bladder Cancer**, William G. Kaelin, Jr. and Nicholas J. Vogelzang, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 153

**3:15 PM-5:15 PM**      **Symposia**

- Advances in Cancer Immunotherapy**, Steven A. Rosenberg, Chairperson, Room 204, Anaheim Convention Center, p. 154
- Metabolism and Cancer**, Craig B. Thompson, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 154
- Modeling the Complexities of Cancer *In Vivo***, Terry A. Van Dyke, Chairperson, Hall A, Anaheim Convention Center, p. 155
- Molecular Imaging of Cancer: Pathways to Patients**, David Piwnica-Worms, Chairperson, Room 207, Anaheim Convention Center, p. 156
- New Approaches to Targeting Receptor Tyrosine Kinases**, Tona M. Gilmer and Susan D. Desmond-Hellmann, Co-Chairpersons, Ballroom A-B, Anaheim Convention Center, p. 157
- Transcription Factors as Targets for Chemoprevention**, Nancy H. Colburn, Chairperson, Ballroom E, Anaheim Convention Center, p. 157

**5:30 PM-6:30 PM**      **Forty-fifth Annual AACR-G.H.A. Clowes Memorial Award Lecture**

David M. Livingston, Hall A, Anaheim Convention Center, p. 158

**5:30 PM-7:00 PM**      **Town Meeting**

**MICR Town Meeting**, Beverly D. Lyn-Cook, Chairperson, Ballroom E, Anaheim Convention Center, p. 159

**6:45 PM-8:15 PM**      **Professional Advancement Series**

**From Clinical Fellowship to Faculty: Making the Transition to a Career in Research**, Brian J. Druker and Karen H. Antman, Chairpersons, Grand Ballroom E, Marriott Anaheim Hotel, p. 160

## 6:45 PM-8:15 PM **Town Meeting**

**Molecular Epidemiology Group (MEG/AACR) Town Meeting and Reception**, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 159

## 7:30 PM-9:45 PM **Professional Advancement Series**

**MICR Roundtable: Navigating the Road to a Successful Career in Cancer Research**, Beverly D. Lyn-Cook and Duane T. Smoot, Co-Chairpersons, Grand Ballroom F, Marriott Anaheim Hotel, p. 161

# Monday, April 18, 2005

## 7:00 AM-8:00 AM **Meet-the-Expert Sunrise Session**

**Deregulation of the Ubiquitin System in Cancer**, Michele Pagano, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 165

**Deregulation of Translation Initiation in Tumorigenesis**, Mark A. Nelson, Room 303A-B, Anaheim Convention Center, p. 165

**Dissecting the Roles of Normal and Oncogenic Abl Kinases in Hematopoietic Cells**, Ann Marie Pendergast, Room 304, Anaheim Convention Center, p. 165

**Genetic Ancestry and Prostate Cancer Risk: Old Genes in New Environments**, Rick A. Kittles, Room 303C-D, Anaheim Convention Center, p. 166

**Genetic Predisposition Modifiers for Cancer**, David W. Threadgill, Room 207, Anaheim Convention Center, p. 166

**Genetic Predisposition to Colon Cancer**, Albert de la Chapelle, Room 204, Anaheim Convention Center, p. 166

**Global Effects of Signal Transduction Abnormalities in Gliomagenesis**, Eric C. Holland, Room 201, Anaheim Convention Center, p. 167

**Human Kinetochores and Chromosome Instability**, Mitsuhiro Yanagida, Room 210, Anaheim Convention Center, p. 167

**Hypoxia: Selective Tumor Therapy**, Eric J. Stanbridge, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 167

**Mitochondria in Cancer**, Kornelia Polyak, Marquis Ballroom South, Marriott Anaheim Hotel, p. 168

**Mouse Models for Sporadic Cancer**, Anton J. M. Berns, Ballroom C-D, Anaheim Convention Center, p. 168

**Preclinical and Clinical Development of Hsp90 Molecular Chaperone Inhibitors**, Paul Workman, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 168

**Retinoids, Retinoid Receptors in Chemoprevention and Therapy**, Reuben Lotan, Room 203, Anaheim Convention Center, p. 168

**Stem Cells and Melanoma**, Meenhard Herlyn, Ballroom E, Anaheim Convention Center, p. 169

**The Role of Bioinformatics in Biological Discovery: Applications in Cancer Research**, Andreas D. Baxevanis, Room 213, Anaheim Convention Center, p. 169

## 8:00 AM-9:00 AM **Presidential Address**

**Matrix Metalloproteinases in Tumor Progression: Past, Present, and Future**, Lynn M. Matrisian, Hall A, Anaheim Convention Center, p. 169

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

**Stem Cells, Metastasis, and Residual Disease: Integrating New Findings in Breast Cancer Research**, Lewis A. Chodosh and Sandra M. Swain, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 170

## 8:00 AM-12:00 PM **Poster Sessions** Exhibit Hall B-D, Anaheim Convention Center

**CB 21 Apoptosis 2: Chemotherapeutic Agents I**, p. 171

**CB 22 Apoptosis 3: Death Receptors I**, p. 172

**CB 23 DNA Damage and Repair 1**, p. 173

**CB 24 Epigenetic Therapy**, p. 174

**CB 25 Gene Methylation in Cancer**, p. 175

**CB 26 Gene Regulation and Transcription Factors**, p. 176

**CB 27 Molecular Genetics 2: Breast Cancer**, p. 177

**CB 28 Molecular Genetics 3: Gastrointestinal Cancers**, p. 178

**CB 29 Transcriptional and Post-transcriptional Control**, p. 179

**CG 3 Environmental and Hormonal Carcinogenesis**, p. 185

- CH 4 Chemical Aspects of Carcinogenesis: DNA Adducts and Damage, p. 186
- CL 6 Endocrine Cancers: Hormone Receptors, Gene Expression, and Prognosis, p. 187
- CL 7 Molecular Markers of Response, p. 188
- EP 4 Biomarkers of Human Exposure to Carcinogens and DNA Damaging Agents, p. 189
- EP 5 Biomarkers of Human Exposure to Tobacco, p. 190
- ET 17 Apoptosis: Therapeutic Applications, p. 191
- ET 18 Cell Cycle Mechanisms of Anticancer Drug Action, p. 192
- ET 19 Cell Signaling Responses to Anticancer Agents, p. 193
- ET 20 Identification of Molecular Targets 1, p. 194
- ET 21 Identification of Molecular Targets 2, p. 195
- ET 22 Identifying New Targets, p. 196
- ET 23 Targeting Topoisomerases, p. 197
- IM 4 Cellular Mechanisms of Regulation of Tumor Immunity, p. 198
- PR 5 Biological and Biochemical Mechanisms in Prevention 2, p. 199
- PR 6 Prevention of Aerodigestive Cancers, p. 200
- TB 12 Animal Models 4: Genitourinary and Gastrointestinal, p. 180
- TB 13 Radiation Biology 2, p. 181
- TB 14 Signaling and Angiogenesis, p. 182
- TB 15 Stem Cell Biology 1, p. 183
- TB 16 Stem Cell Biology 2, p. 184

**8:30 AM-10:00 AM Forums**

**Barriers to Combinations of Experimental Agents**, Peter J. Houghton, Moderator, Room 207, Anaheim Convention Center, p. 201

**Expression Profiling of Tumors: Transforming Clinical Oncology or Stuck on the Research Bench?**, Paul S. Meltzer, Moderator, Room 204, Anaheim Convention Center, p. 201

**9:00 AM-9:30 AM Address by the Director of the National Cancer Institute**

**Leveraging the Nation's Investment in Cancer Research**, Andrew C. von Eschenbach, Hall A, Anaheim Convention Center, p. 202

**9:30 AM-10:00 AM Special Session**

**Special Recognition of John Mendelsohn, Founding Editor-in-Chief, *Clinical Cancer Research*; Presentation of Public Service Awards**, Hall A, Anaheim Convention Center, p. 202

**9:30 AM-11:30 AM MICR Forum**

**Genetic Heterogeneity and Race-Based Associations: How Can We Do Better?**, Alex A. Adjei and Carlos A. Casiano, Co-Chairpersons, Room 303C-D, Anaheim Convention Center, p. 203

**9:30 AM-1:00 PM Minisymposia**

- CB 30 **Cell Death**, Domagoj Vucic and Atan J. Gross, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 204
- CB 31 **Tumor Suppressor Pathways**, Suzanne J. Baker and Erik S. Knudsen, Co-Chairpersons, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 204
- CH 5 **Chemical Approaches to Novel Anticancer Agents**, Sean M. Kerwin and Michael J. Luzzio, Co-Chairpersons, Room 303A-B, Anaheim Convention Center, p. 205
- CL 8 **Cancer and Aging: Genes to Outcomes**, Harvey Jay Cohen, and William B. Ershler, Co-Chairpersons, Marquis Ballroom South, Marriott Anaheim Hotel, p. 206
- CL 9 **Genetic Modulation in Unique Populations**, Lisa A. Newman and Michael Simon, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 206
- EP 6 **Genetic Variation in Pathways and Cancer Risk**, Montserrat Garcia-Closas and Cornelia M. Ulrich, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 207
- ET 24 **Novel Therapeutic Targets**, Neil W. Gibson and Varsha V. Gandhi, Co-Chairpersons, Room 213, Anaheim Convention Center, p. 207
- TB 17 **Novel Models and Therapeutic Approaches**, James Oliver McIntyre and Achim Krüger, Co-Chairpersons, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 205

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

**Special Program for High School Students - The Conquest of Cancer: The Task of the Next Generation**, Alfred C. Johnson, Chairperson, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 203

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

**Embryonal Cancers of Childhood: New Insights on Tumor Initiation and Progression**, John M. Maris and Lee J. Helman, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 208

## 10:00 AM-5:00 PM **Exhibit Show Open** Exhibit Hall B-D, Anaheim Convention Center

## 10:30 AM-12:30 PM **Symposia**

**Bio-Sensors and Signatures of the Angiogenic Tumor Vasculature: Tools for Early Detection and Monitoring Therapeutic Responses?**, Douglas Hanahan, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 209

**G1/S Control and Its Deregulation in Cancer**, Martine F. Roussel, Chairperson, Room 207, Anaheim Convention Center, p. 209

**Genome Instability and Cancer Development**, Ronald A. DePinho, Chairperson, Hall A, Anaheim Convention Center, p. 210

**Inflammation and Cancer**, Mina J. Bissell, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 210

**New Proteomic Strategies in Cancer Research**, Richard M. Caprioli, Chairperson, Room 204, Anaheim Convention Center, p. 211

**Role of the Tumor Microenvironment**, Leland W. K. Chung, Chairperson, Ballroom E, Anaheim Convention Center, p. 211

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

**Stomach and Esophageal Cancers: Recent Advances in Early Detection, Prevention, and Therapy**, Brian J. Reid and Ernest T. Hawk, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 212

## 12:30 PM-1:30 PM **AACR Annual Business Meeting** Room 303C-D, Anaheim Convention Center

## 12:30 PM-2:00 PM **Forums**

**Rational Use of Biomarkers in Early Drug Development**, Alex A. Adjei, Moderator, Room 207, Anaheim Convention Center, p. 213

**The Use of Genetically Engineered Mice for Testing Cancer Therapeutics**, Kevin M. Shannon, Moderator, Room 204, Anaheim Convention Center, p. 214

**Charting the Future of Cancer Prevention: New Directions from Recent Experience**, Raymond N. DuBois, Moderator, Ballroom E, Anaheim Convention Center, p. 213

## 1:00 PM-4:30 PM **Minisymposia**

**CB 32 Cell Cycle**, Richard G. Pestell and Karlene A. Cimprich, Co-Chairpersons, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 215

**CB 33 Signaling Pathways in Cancer**, Clemens A. Schmitt and J Alan. Diehl, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 215

**CG 4 Skin Carcinogenesis in Murine Models**, Susan M. Fischer and Stuart H. Yuspa, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 216

**CL 10 Molecular Profiling: Diagnosis, Prognosis, and New Targets**, Elise C. Kohn and Arul M. Chinnaiyan, Co-Chairpersons, Marquis Ballroom South, Marriott Anaheim Hotel, p. 217

**ET 25 Mechanisms of Drug Resistance and Reversal**, William S. Dalton and Victor Ling, Co-Chairpersons, Room 213, Anaheim Convention Center, p. 217

**IM 5 Regulatory and Effector T Cells in Tumor Immunity**, Arthur A. Hurwitz and Wei-Zen Wei, Co-Chairpersons, Room 303A-B, Anaheim Convention Center, p. 218

**PR 7 Mechanisms of Action of Chemoprevention Agents**, Kimberly Kline and Stephen D. Hursting, Co-Chairpersons, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 218

**TB 18 Inflammation, Microenvironment, and Tumor Progression**, Lisa M. Coussens and Rama Khokha, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 216

## 1:00 PM-5:00 PM **Poster Sessions** Exhibit Hall B-D, Anaheim Convention Center

**CB 34 Apoptosis Regulators 2**, p. 219

**CB 35 Cancer Profiling and Therapeutics**, p. 220

**CB 36 Epigenetic Mechanisms 1**, p. 221

**CB 37 Epigenetics: Clinical Implications**, p. 222

**CB 38 Oncogenic Pathways in Cancer**, p. 223

**CB 39 Senescence**, p. 224

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**The Cancer Biomedical Informatics Grid, caBIG**, Kenneth H. Buetow, Chairperson, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 249

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

**Lung Cancer**, Roy S. Herbst and Bruce E. Johnson, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 249

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**Drugs on the Horizon**, John T. Hunt and Tona M. Gilmer, Co-Chairpersons, Room 204, Anaheim Convention Center, p. 250

**Estrogen Signaling and Cancer Development**, Jill M. Siegfried, Chairperson, Ballroom E, Anaheim Convention Center, p. 250

**Genome Aberration Formation and Function**, Joe W. Gray, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 251

**Regulation of Cell Signaling by Ubiquitin Ligases**, J. Wade Harper, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 251

**Stem Cells and Cancer**, Sean J. Morrison, Chairperson, Hall A, Anaheim Convention Center, p. 252

**Using Functional Markers of DNA Repair in Epidemiological Studies**, Marianne Berwick, Chairperson, Room 207, Anaheim Convention Center, p. 252

**3:00 PM-4:30 PM NCI/NIH-Sponsored Session**

**NCI Research Training and Career Development Opportunities**, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 253

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

**New Concepts in Brain Tumor Research**, Tom Curran and Stuart A. Grossman, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 254

**4:30 PM-5:30 PM AACR-Irving Weinstein Foundation Distinguished Lecture**

**Systems Biology and Predictive and Preventive Medicine**, Leroy E. Hood, Hall A, Anaheim Convention Center, p. 255

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**WICR Networking Reception and Caucus**, Suzanne Ostrand-Rosenberg and Patricia S. Steeg, Co-Chairpersons, California Pavilion A, Hilton Anaheim Hotel, p. 255

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**Population Stratification: Trivial Pursuit or Serious Concern?**, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 256

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**Association Studies of SNPs and Haplotypes in Cancer Epidemiology**, Christopher A. Haiman, Marquis Ballroom South, Marriott Anaheim Hotel, p. 259

**Cell Polarity in Morphogenesis and Cancer**, Ian G. Macara, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 259

**Engineering Cancer Resistance in Mice**, Manuel Serrano, Chairperson, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 259

**Gene Expression Profiling of Renal Cell Carcinoma and Its Implications in Diagnosis, Prognosis, and Therapeutics**, Bin Tean Teh, Room 207, Anaheim Convention Center, p. 259

**Lysophospholipids as Validated Targets in Cancer**, Gordon B. Mills, Grand Ballroom E, Marriott Anaheim Hotel, p. 260

**miR Genes and Cancer**, Carlo M. Croce, Room 304, Anaheim Convention Center, p. 260

**Mouse Models of Neurofibromatosis: Valuable Resources for the Development and Testing of Therapeutic Strategies for NF1 and NF2**, Andrea I. McClatchey, Ballroom E, Anaheim Convention Center, p. 260

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**Target Validation in Oncology Drug Discovery**, Mariano Barbacid, Room 204, Anaheim Convention Center, p. 261

**The Emerging Role of Cytosolic p53 in Apoptosis**, Douglas R. Green, Ballroom C-D, Anaheim Convention Center, p. 261

**The Role of Hypoxia in Malignant Progression and Response to Therapy**, Amato J. Giaccia, Room 210, Anaheim Convention Center, p. 261

**The Troublesome TETs: EWS/ETS Fusions in Human Oncogenesis**, Christopher T. Denny, Room 203, Anaheim Convention Center, p. 262

**Tumor Macrophages: Friends or Foes?**, Claire E. Lewis, Room 303A-B, Anaheim Convention Center, p. 262

**Update on the Hsp90 Chaperone Pathway**, David O. Toft, Room 213, Anaheim Convention Center, p. 262

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**EDRN: Bringing Biomarkers from the Laboratory to the Bedside**, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 263

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**Cancer Vaccines Complementing Anticancer Therapy**, H. Kim Lyerly, Moderator, Ballroom E, Anaheim Convention Center, p. 294

**Challenges for Drug Discovery Programs in Academia**, John S. Lazo, Moderator, Room 204, Anaheim Convention Center, p. 294

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

**Hepatocellular Carcinoma**, Curtis C. Harris and Peter Galle, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 296

**Thyroid Cancer: Cell Signaling and Epigenetic Mechanisms in Tumorigenesis and Progression**, James A. Fagin and Mathew D. Ringel, Co-Chairpersons, Room 207, Anaheim Convention Center, p. 296

**8:00 AM-10:00 AM Special Session**

**In the Forefront of Advances in Cancer Research**, Lynn M. Matrisian and Michael B. Kastan, Co-Chairpersons, Hall A, Anaheim Convention Center, p. 295

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- CB 44 Molecular Classification of Tumors 3, p. 266
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- CB 46 Molecular Genetics 5: Brain and Respiratory Cancers, p. 268
- CB 47 p53 Tumor Suppression, p. 269
- CB 48 Signaling in Breast Cancer 1, p. 270

- CB 49 Signaling in Breast Cancer 2, p. 271
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- TB 28 VEGF/VEGF Receptors, p. 277

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The NIH Roadmap: Funding Opportunities for Cancer Researchers, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 297

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Opportunities and Barriers in the Age of Team Science, Thomas A. Sellers, Moderator, Ballroom A-B, Anaheim Convention Center, p. 297

**9:15 AM-10:00 AM Tenth Annual AACR-DeWitt S. Goodman Memorial Lecture**

Edward Giovannucci, Room 201, Anaheim Convention Center, p. 298

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Colon Cancer: Using Genetics to Predict Risk and Response to Treatment, Joanna L. Groden and Herbert I. Hurwitz, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 299

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AACR-Ruth Sager Symposium in Cancer Genetics and Epigenetics: Histone and DNA Modification: The Role of Altered Chromatin in Cancer, Stephen B. Baylin, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 300-301

Akt-mTOR Signaling in Cancer, Peter J. Houghton, Chairperson, Room 204, Anaheim Convention Center, p. 301

Beyond Apoptosis: Alternative Responses to Therapy in Tumor Cells, Igor B. Roninson, Chairperson, Ballroom E, Anaheim Convention Center, p. 302

Mutagenesis: The Chemical Agents and Chemical Mechanisms Underlying Genetic Change, Lawrence J. Marnett, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 303

Regulation of Mitosis, James L. Maller, Chairperson, Room 207, Anaheim Convention Center, p. 303

MICR Symposium: The Role of Tumor Biology in Cancer Health Disparities, Judith S. Kaur and Joseph D. Rosenblatt, Co-Chairpersons, Grand Ballroom E, Marriott Anaheim Hotel, p. 304

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CB 51 Receptor Tyrosine Kinases in Cancer, Sarah J. Parsons and Stanley Lipkowitz, Co-Chairpersons, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 305

CB 52 Telomeres and Telomerases in Cancer, Keiko Hiyama and Tara L. Beattie, Co-Chairpersons, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 305

CH 9 Proteome Profiling in Cancer Detection and Therapeutics, Ian A. Blair and John D. Haley, Co-Chairpersons, Marquis Ballroom South, Marriott Anaheim Hotel, p. 307

EN 4 Comparative Mechanisms of Hormone Resistance and Signaling in Breast and Prostate Cancer, V. Craig Jordan and Rachel Schiff, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 307

- EP 11 Inflammation and Immune Response in Cancer Risk**, James R. Cerhan and Elizabeth A. Platz, Co-Chairpersons, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 308
- ET 38 Death Pathways, DNA Repair, and Drug Delivery**, José Baselga and Nelson Rhodes, Co-Chairpersons, Room 213, Anaheim Convention Center, p. 308
- PR 10 Targets for Cancer Prevention: Clinical and Preclinical Studies**, Dong M. Shin and Eva Szabo, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 309
- TB 29 Pediatric Cancers 2**, Nai-Kong V. Cheung and Carol J. Thiele, Co-Chairpersons, Room 303C-D, Anaheim Convention Center, p. 306
- TB 30 Proteolytic Systems and Tumor Progression**, Johanna A. Joyce and Dylan R. Edwards, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 306

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Charles L. Sawyers, Hall A, Anaheim Convention Center, p. 310

**12:00 PM-2:00 PM New Concepts in Organ Site Research**  
**Ovarian Cancer: Updates from Bench and Bedside**, Kathleen R. Cho and Robert F. Ozols, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 311

**12:15 PM-1:45 PM Forum**  
**The Science of Complementary and Alternative (Integrative) Medicine**, Peter S. Nelson, Moderator, Ballroom E, Anaheim Convention Center, p. 311

**12:15 PM-1:45 PM Professional Advancement Series**  
**Avenues of Funding for Chemists in Cancer Research**, Billy W. Day, Chairperson, Grand Ballroom A-C, Marriott Anaheim Hotel, p. 312

**12:45 PM-2:00 PM Public Forum**  
**Science Policy and Legislative Affairs**, William G. Nelson, V, Chairperson, Room 207, Anaheim Convention Center, p. 312

**1:00 PM-2:00 PM AACR Award for Outstanding Achievement in Cancer Research Lecture**  
Gregory J. Hannon, Hall A, Anaheim Convention Center, p. 313

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Scott H. Kaufmann and Michael B. Kastan, Co-Chairpersons, Grand Ballroom E, Marriott Anaheim Hotel, p. 314

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- CB 54 DNA Repair in Human Cancers**, p. 316
- CB 55 Molecular Classification of Tumors 4**, p. 317
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- CB 57 Regulation of Transcription Factors and Gene Expression**, p. 319
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- CB 60 Transcriptional Control in Tumor Cells**, p. 322
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- ET 39 Biochemical Modulators and Combination Chemotherapy**, p. 334
- ET 40 Cellular Responses to Anticancer Agents 1**, p. 335
- ET 41 Combination Chemotherapy and Chemosensitization**, p. 336
- ET 42 Cytokines, Oncogenes, and Other Gene Products as Targets for Therapy**, p. 337
- ET 43 Growth Factor Receptors as Targets for Therapy**, p. 338

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- IM 10 **Tumor Vaccines 2**, p. 342
- PR 11 **Diet and Cancer 2**, p. 343
- PR 12 **Molecular Targets for Cancer Prevention: Development of New Agents**, p. 344
- TB 31 **Angiogenesis and Metastasis**, p. 323
- TB 32 **Angiogenic Pathways**, p. 324
- TB 33 **Inflammatory Cells and Molecules**, p. 325
- TB 34 **Pediatric Cancer 3**, p. 326
- TB 35 **Radiation Biology 3**, p. 327

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NCI Listens, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 345

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

**New Molecular Targets in Advanced Prostate Cancer**, William G. Nelson, V and Nancy A. Dawson, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 345

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- CB 61 **Epigenetic Mechanisms 2**, Jean-Pierre Issa and Paula M. Vertino, Co-Chairpersons, Room 213, Anaheim Convention Center, p. 347
- CB 62 **Signaling Downstream of Cell Surface Receptors**, Dafna Bar-Sagi and Anat Erdreich-Epstein, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 347
- CG 9 **Molecular Carcinogenesis 1**, Nancy H. Colburn and Steven A. Belinsky, Co-Chairpersons, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 349
- CL 16A **Contemporary Ethical/Human Considerations in Clinical Research**, Lowell E. Schnipper and Walter Wolf, Co-Chairpersons, Room 303A-B, Anaheim Convention Center, p. 346
- ET 46 **Challenges in Targeting Mutant Kinases**, William R. Sellers and Dennis J. Slamon, Co-Chairpersons, Marquis Ballroom Center, Marriott Anaheim Hotel, p. 349
- ET 47 **Recent Progress in Gene Therapy of Cancer**, Stanton L. Gerson and Brian Sorrentino, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 350
- IM 11 **Tumor-induced Immune Suppression and Escape**, Dmitry I. Gabilovich and Suzanne Ostrand-Rosenberg, Co-Chairpersons, Room 303C-D, Anaheim Convention Center, p. 350

- TB 36 **Animal Models 5: Breast, Lung, and Gastrointestinal Tract**, Jill M. Siegfried and John DiGiovanni, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 348
- TB 37 **In Vivo Imaging**, Anna M. Wu and Lily L. Wu, Co-Chairpersons, Marquis Ballroom South, Marriott Anaheim Hotel, p. 348

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**Advances in the Molecular Science of Cancer Prevention**, Waun Ki. Hong, Chairperson, Ballroom E, Anaheim Convention Center, p. 351

**Aging and Cancer: Basic Biological Links**, Judith Campisi, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 351

**Cancer Predisposition: Lessons Learned from Uncommon Developmental Disorders to Common Signaling Pathways**, Charis Eng, Chairperson, Room 207, Anaheim Convention Center, p. 352

**Cellular Responses to Genotoxic Stress**, Helen M. Piwnicka-Worms, Chairperson, Room 204, Anaheim Convention Center, p. 352

**Molecular Profiling in Clinical Management**, James R. Downing, Chairperson, Hall A, Anaheim Convention Center, p. 353

**Targeting Apoptosis in Cancer**, Vishva M. Dixit, Chairperson, Ballroom C-D, Anaheim Convention Center, p. 353

**3:30 PM-5:30 PM NIH-Sponsored Session**

**Tips on the NIH Grant Process and Opportunities for Cancer Research Funding at NIGMS, NIDCR, NIDDK, NHLBI and Other NIH Institutes**, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 354

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

**Molecular Origins and Immunological Approaches to Human Melanoma**, Lynda Chin and John M. Kirkwood, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 355

**5:30 PM-6:30 PM Twenty-fourth Annual AACR-Bruce F. Cain Memorial Award Lecture**

Napoleone Ferrara, Hall A, Anaheim Convention Center, p. 356

## 6:45 PM-8:15 PM Professional Advancement Series

**A User's Guide to the HapMap**, Duncan C. Thomas, Chairperson, Marquis Ballroom Northwest, Marriott Anaheim Hotel, p. 357

**Advocacy for Early-Career Scientists**, William G. Nelson, V, Chairperson, Marquis Ballroom Northeast, Marriott Anaheim Hotel, p. 357

# Wednesday, April 20, 2005

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**Cancer Control Strategies Based on Copper Deficiency**, Sofia D. Merajver, Grand Ballroom F, Marriott Anaheim Hotel, p. 360

**Discovery and Development of Celecoxib**, John J. Talley, Room 204, Anaheim Convention Center, p. 360

**Ethnic Variations in Response and Toxicity of Anticancer Agents: The Role of Pharmacogenetics**, Sharon Marsh, Orange County Ballroom, Marriott Anaheim Hotel, p. 360

**Harnessing Dendritic Cells to Treat Cancer**, Jacques F. Banchereau, Room 304, Anaheim Convention Center, p. 360

**How Does p53 Trigger Apoptosis and Suppress Tumorigenesis?**, Andreas Strasser, Room 210, Anaheim Convention Center, p. 361

**Integrated Large-Scale Genomic Studies: Clinical, Molecular and Bioinformatic Challenges**, David D. L. Bowtell, Room 201, Anaheim Convention Center, p. 361

**New Translocations and New Oncogenes**, Jonathan A. Fletcher, Grand Ballroom E, Marriott Anaheim Hotel, p. 361

**Prevention of Human Skin Cancer(non-melanoma and melanoma): Current Status and Unmet Needs**, Frank L. Meyskens, Jr., Room 207, Anaheim Convention Center, p. 361

**The Promise and Pitfalls of Molecular Early Detection Approaches in Human Cancer**, David Sidransky, Ballroom A-B, Anaheim Convention Center, p. 362

**Wnt Signaling in Cancer: Where's the Drug?**, Paul G. Polakis, Room 213, Anaheim Convention Center, p. 362

## 7:00 AM-8:15 AM NIH-Sponsored Session

**Patents for Scientists: A Presentation about Intellectual Property (IP) for Scientists in Academia and Industry**, Grand Ballroom G-K, Marriott Anaheim Hotel, p. 362

## 8:00 AM-8:30 AM AACR-Gertrude B. Elion Cancer Research Career Development Award Lecture

Blossom A. Damania, Grand Ballroom F, Marriott Anaheim Hotel, p. 363

## 8:00 AM-9:00 AM Tenth Annual AACR-Joseph H. Burchenal Clinical Research Award Lecture

Jimmie C. Holland, Ballroom C-E, Anaheim Convention Center, p. 364

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

**AML**, Michael A. Caligiuri and D. Gary Gilliland, Co-Chairpersons, Room 207, Anaheim Convention Center, p. 365

**Toward Effective Management of Pancreatic Cancer**, Manuel Hidalgo and James L. Abbruzzese, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 365

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CB 64 **Apoptosis 5: Death Receptors II**, p. 367

CB 65 **Apoptosis Regulators 4**, p. 368

CB 66 **Cell Cycle Control and Cancer 2**, p. 369

CB 67 **Cell Cycle Control and Cancer 3**, p. 370

CB 68 **Gene Expression in Tumor Cells**, p. 371

CB 69 **Signal Transduction 1**, p. 372

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CB 71 **Signaling in Gastrointestinal Cancers**, p. 374

CB 72 **Signaling to the Nucleus**, p. 375

CG 10 **Molecular Carcinogenesis 2**, p. 381

CL 17 **Therapy and Biomarker Evaluations of Phase II Clinical Trials**, p. 382

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- EP 14 Nutrition Epidemiology in Cancer, p. 385
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- ET 50 Novel Agents 2, p. 388
- ET 51 Novel Assays and Models, p. 389
- ET 52 Prediction of Drug Sensitivity and Resistance, p. 390
- ET 53 Targeting Signaling Pathways 2, p. 391
- IM 12 Cytokines, Lymphokines, and Growth Factors, p. 392
- IM 13 Immunotherapy 2, p. 393
- IM 14 Immunotherapy 3, p. 394
- PR 13 Animal and Cellular Models for Prevention Studies, p. 395
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- TB 39 Markers of Tumor Progression 2, p. 377
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**Cancer Risk Prediction Models: Do They Work?**, David J. Hunter, Moderator, Room 204, Anaheim Convention Center, p. 396

**Gene Expression Analysis as Markers of Exposure in Humans**, Johanna W. Lampe, Moderator, Room 303A-B, Anaheim Convention Center, p. 396

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- CB 73 Identifying New Tumor Suppressor Genes and Oncogenes, Sharon E. Plon and John M. Maris, Co-Chairpersons, Room 304, Anaheim Convention Center, p. 396
- CB 74 RNA Interference, Small Interfering RNAs, and MicroRNAs: From Mechanism to Cancer Therapeutics, Richard Jove and John J. Rossi, Co-Chairpersons, Room 201, Anaheim Convention Center, p. 396
- CB 75 Transcription Factors and Regulation of Gene Expression, Barbara J. Graves and Ed Seto, Co-Chairpersons, Grand Ballroom E, Marriott Anaheim Hotel, p. 397
- ET 54 Biologic Therapeutic Agents: Targets and Mechanisms, Theresa L. Whiteside and Kenneth A. Foon, Co-Chairpersons, Room 203, Anaheim Convention Center, p. 398

- ET 55 Modulation of Protein Stability, Kathleen M. Sakamoto and Eric H. Rubin, Co-Chairpersons, Orange County Ballroom, Marriott Anaheim Hotel, p. 398
- ET 56 Pharmacogenomics, Pharmacokinetics, and Clinical Outcome, Clinton F. Stewart and Timothy W. Synold, Co-Chairpersons, Grand Ballroom G-K, Marriott Anaheim Hotel, p. 399
- IM 15 Novel Vaccine and Antibody Approaches, Martin A. Cheever and Lisa H. Butterfield, Co-Chairpersons, Room 303C-D, Anaheim Convention Center, p. 399
- TB 43 Angiogenesis, Luisa Iruela-Arispe and Lee M. Ellis, Co-Chairpersons, Grand Ballroom F, Marriott Anaheim Hotel, p. 397

**9:00 AM-10:00 AM Fourteenth Annual AACR-American Cancer Society Award Lecture on Cancer Epidemiology and Prevention**

Ross L. Prentice, Ballroom A-B, Anaheim Convention Center, p. 401

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**State-of-the-Art of Myeloma Biology, Genetics, and Therapy**, G. David Roodman and Bart Barlogie, Co-Chairpersons, Room 210, Anaheim Convention Center, p. 402

**10:00 AM-12:00 PM Symposia**

**ABC Transporters and Cancer Biology and Treatment**, Jan H. M. Schellens, Chairperson, Room 204, Anaheim Convention Center, p. 403

**Communicating Uncertain Risks, Benefits, and Controversies in Cancer Control**, Karen M. Emmons, Chairperson, Room 213, Anaheim Convention Center, p. 403

**Cross-Talk and Signaling Pathways in Tumor Progression and Metastasis**, Ann Marie Pendergast, Chairperson, Ballroom C-E, Anaheim Convention Center, p. 404

**Determinants of Metastasis**, Patricia S. Steeg, Chairperson, Room 207, Anaheim Convention Center, p. 405

**DNA Repair Mechanisms**, Tomas Lindahl, Chairperson, Ballroom A-B, Anaheim Convention Center, p. 405