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Abstracts from 18th Annual
ASPO Meeting
begin on Page 187



85th Annual Meeting of the AMERICAN ASSOCIATION FOR CANCER RESEARCH

April 10-13, 1994 San Francisco, CA

Program Update

An Outstanding Scientific Program That Integrates the Most Recent Findings in Basic and Clinical Cancer Research

Sat. Afternoon April 9	<p>Methods Workshop: Confocal Microscopy and Quantitative Image Analysis. James P. Slattery, Stephen J. Lockett, Curtis T. Thompson, D.R. Sandison</p> <p>Methods Workshop: Quantitative Genotyping and Phenotyping Using Flow Cytometry and Fluorescence in Situ Hybridization. Fredika M. Robertson, Joe W. Gray, Steven Sherwood, Dan Pinkel</p>																								
Sun. Morning April 10	<p>Plenary Session: The Biological and Clinical Roles of Genetic Markers - Karen S. H. Antman, Leland H. Hartwell, Thea D. Tlsty, Eric J. Stanbridge, Ilan R. Kirsch, Stephen H. Friend</p> <p>G. H. A. Clowes Memorial Award Lecture - Mary-Claire King</p>	Wed. Morning April 13	<p>Symposium: Recent Advances in Environmental Carcinogenesis - Kenneth Olden, Paul Kleihues, J. Carl Barrett, Frederica Pereira, Curtis C. Harris</p> <p>Symposium: Cellular Signaling - Joseph Schlessinger, Arthur Weiss, Axel Ullrich, Tony Hunter</p> <p>Symposium: AIDS-related Malignancies - Alexandra M. Levine, Samuel Broder, Barbara Ensoli, Susan E. Krown, Gianluca Gaidano</p> <p>Symposium: Solid Tumor Physiology and Therapeutic Approaches - Beverly A. Teicher, Peter W. Vaupel, Rakesh K. Jain, Chang W. Song, Robert Auerbach</p> <p>Symposium: Conducting Cancer Research among Minority Populations in the United States - Jose Russo, G. Marie Swanson, Alicia E. Alvarez, Lucille Adams-Campbell, Mary B. Daly, Manuel R. Modiano, Electra D. Paskett, Edward E. Partridge</p> <p>Presidential Address - Margaret L. Kripke</p> <p>Symposium: Survival and Success in Cancer Research: Toward the Year 2000 - Sandra L. White, John Alderete, Neil J. Clendeninn, Michele K. Evans, Clifton A. Poodry, Eugene Cota-Robles, Nicholas J. Kenney, Carol Wood Moore, Ricardo J. Parker</p> <p>Symposium: Hematological Malignancies: Biology and Therapy - Riccardo Dalla-Favera, A. Thomas Look, Michael Cleary, Pier-Giuseppe Pelicci, James Ihle</p> <p>Symposium: New Approaches to Cancer Immunotherapy - Olivera J. Finn, Graeme J. Dougherty, David A. Berd, Pramod K. Srivastava, Philip E. Thorpe, Robert Chesnut</p> <p>Symposium: Retinoids and Cancer - Lorraine J. Gudas, Keiko Ozato, Joseph F. Grippo, David R. Parkinson, Christine Chomienne</p> <p>Symposium: Transcriptional Control of Cell Proliferation and Differentiation - Robert N. Eisenman, Inder M. Verma, Michael Levine, Helen Blau</p> <p>Controversy Session: Fat and Breast Cancer: Can an Intervention Trial Resolve the Issue? - Lawrence N. Kolonel, Ross C. Prentice, Walter C. Willett</p>																						
Sun. Afternoon April 10		Wed. Afternoon April 13	<p>Symposium: Hormonal Carcinogenesis: Epidemiological and Mechanistic Studies - Barbara S. Hulka, Joachim G. Liehr, Herman Adlercreutz, George M. Stancel, Kathryn B. Horwitz, Pentti K. Sitteri</p> <p>Symposium: Topoisomerase I Inhibitors: Molecules to Medicine - Randall K. Johnson, Mary-Ann Bjornsti, Sidney M. Hecht, Hirofumi Nakano, Robert P. Hertzberg, Eric K. Rowinsky</p> <p>Bruce M. Cain Award Lecture - Mansukh C. Wani and Monroe E. Wall</p> <p>Symposium: Integration of Cytokines and Radiation: Biological Basis and Preliminary Clinical Trials - Zvi Fuks, Ralph R. Weichselbaum, Joost J. Oppenheim, Timothy J. Kinsella, Randy L. Jirtle</p> <p>Symposium: Cell Adhesion in Invasion and Metastasis - David A. Cheresh, Kenneth Yamada, Richard Assoian, Zena Werb, Ajit Varki</p>																						
Mon. Morning April 11			<p>Minisymposia, poster discussion sessions, and regular poster sessions will be organized from over 3,800 submitted papers in all areas of cancer research.</p> <p>GENERAL INFORMATION</p> <table border="0"> <tr> <td>Member Registration</td> <td>\$125*</td> </tr> <tr> <td>Nonmember Registration (includes Proceedings)</td> <td>\$245*</td> </tr> <tr> <td>Predoctoral Student and Associate Member Registration</td> <td>\$60*</td> </tr> <tr> <td>Proceedings of the AACR</td> <td>\$35</td> </tr> </table> <p>*Discounts applied for registrations received before February 18, 1994.</p> <p>Employment Register:</p> <table border="0"> <tr> <td>Candidates:</td> <td></td> </tr> <tr> <td>AACR Members</td> <td>\$10</td> </tr> <tr> <td>Nonmembers</td> <td>\$25</td> </tr> <tr> <td>Employers:</td> <td></td> </tr> <tr> <td>AACR Members</td> <td>\$75</td> </tr> <tr> <td>Nonmembers</td> <td>\$125</td> </tr> <tr> <td>Commercial Firms</td> <td>\$275*</td> </tr> </table> <p>*\$225 for firms in AACR Exhibit Show</p>	Member Registration	\$125*	Nonmember Registration (includes Proceedings)	\$245*	Predoctoral Student and Associate Member Registration	\$60*	Proceedings of the AACR	\$35	Candidates:		AACR Members	\$10	Nonmembers	\$25	Employers:		AACR Members	\$75	Nonmembers	\$125	Commercial Firms	\$275*
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Mon. Afternoon April 11	<p>American Cancer Society Award Lecture - Brian E. Henderson</p> <p>Symposium: Programmed Cell Death - Stanley J. Korsmeyer, Eileen White, Junying Yuan, Laurie Owen-Schaub, Tyler Jacks</p> <p>Symposium: New Strategies for Immunological Intervention - Hans Schreiber, You Hui Zhang, Michael P. Bevilacqua, Giorgio Trinchieri, Joseph Ilan, Lee M. Nadler</p> <p>Symposium: Diet and Cancer: The Role of Protective Factors - Walter C. Willett, John D. Potter, Geoffrey Howe, Michael B. Sporn, William J. Blot</p> <p>Symposium: Basic and Clinical Aspects of Prostate Cancer - Donald S. Coffey, Norman Greenberg, J. S. Rhim, Robert E. Bookstein, Jonathan W. Simons, William G. Nelson, Kenneth J. Pienta</p> <p>Controversy Session: Is Multidrug Resistance an Important Factor in Therapeutic Outcome? - William T. Beck, William S. Dalton, Peter J. Houghton, Branimir I. Sikic, S. B. Kaye, Helen S. L. Chan, Igor B. Roninson</p> <p>Business Meeting</p> <p>Symposium: Basic Science Approaches to Breast Cancer - Mina J. Bissell, Adrian L. Harris, Suzanne A. W. Fuqua, Helene S. Smith, Ray L. White</p> <p>Symposium: Genetic Basis for Tumor Cell Sensitivity to Radiation - John B. Little, Albert J. Fornace, Jr., Barbara A. Osborne, Ethel Moustacchi, Michael Christman</p> <p>Symposium: Intermediate Endpoints in Cancer Prevention - Gary J. Kelloff, Charles W. Boone, Michael Wargovich, Reuben Lotan, David Sidransky</p> <p>Symposium: Pharmacogenetics: Role of Drug Metabolism Polymorphisms in Cancer Chemotherapy - Frank J. Gonzalez, William E. Evans, Richard Weinshilboum, Robert B. Diasio, Mark J. Ratain</p> <p>Controversy Session: Is Bone Marrow Transplantation Indicated for Adult Acute Leukemia in First Remission? - Clara D. Bloomfield, Thomas Buchner, Stephen J. Forman</p> <p>Richard and Hinda Rosenthal Foundation Award Lecture - Marc E. Lippman</p> <p>Symposium: Potential Applications of Advances in Cell and Molecular Biology to New Therapies for Lung Cancer - John D. Minna, Gail L. Shaw, Adi F. Gazdar, Paul A. Bunn, Jr., David P. Carbone, Jack A. Roth</p>		<p>SESSIONS OF PROFFERED PAPERS</p> <p>FEES</p> <p>PUBLICATIONS</p> <p>The Proceedings of the American Association for Cancer Research contains abstracts of all papers accepted for presentation by the Program Committee and extended abstracts of symposium presentations and special lectures. The Proceedings is received by all members with paid-up subscriptions to AACR journals, or it may be purchased at the time of registration for \$35.</p> <p>The Program of the Annual Meeting of the American Association for Cancer Research is included in the registration fee.</p> <p>Detailed listings of available positions and prospective candidates will be available for consultation during the Annual Meeting and will be published in the Proceedings and in three issues of the Association's journal Cancer Research. Interviews will be scheduled in San Francisco.</p> <p>Displays by over 100 firms offering the most up-to-date products, services, and publications for both basic and clinical cancer researchers.</p> <p>Upjohn, Ciba-Geigy, and Bristol-Myers Oncology Awards</p> <p>For presenters of meritorious abstracts as selected by the Program Committee. No formal application necessary. Predoctoral students, postdoctoral fellows, and physicians in training are eligible.</p> <p>Comprehensive Minority Biomedical Program of the National Cancer Institute</p> <p>For predoctoral students, postdoctoral fellows, or physicians in training in the U.S. and Canada from minority groups that have been traditionally underrepresented in cancer research.</p> <p>Women in Cancer Research will organize several sessions during the meeting that will be of interest to all registrants.</p> <p>Advance Registration (includes advance mailing of Program and Proceedings) February 18, 1994</p> <p>Hotel Reservations March 7, 1994</p> <p>Special fares available on Delta Air Lines and United Airlines through Uniglobe Travel, 800-243-4370 (from U.S. and Canada only) or 215-628-3322 (FAX).</p> <p>Hertz Rent a Car 800-654-2240 Account Number 3353</p> <p>American Association for Cancer Research Public Ledger Building 620 Chestnut Street, Suite 816 Philadelphia, PA 19106-3483 215-440-9300 FAX: 215-440-9313</p>																						
Tues. Morning April 12																									
Tues. Afternoon April 12																									

Cancer Epidemiology & Prevention

Biomarkers

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