

# Cancer Epidemiology Biomarkers & Prevention

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Abstracts from 17th Annual  
ASPO Meeting  
begin on Page 177

# 84th Annual Meeting of the AMERICAN ASSOCIATION FOR CANCER RESEARCH

May 19-22, 1993 Orlando, FL

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

## SCIENTIFIC SESSIONS

**Tues. Evening  
May 18**

**Minority Issues Committee Symposium: Careers and Opportunities in Cancer Research** - Jerome Wilson, Sarah Antonia Li, Jacqueline Locklear, Eddie Reed, Denny Jones, Jr., Paulette S. Gray, Roberto Villareal.

**Richard and Hinda Rosenthal Foundation Award Lecture**  
Waun Ki Hong.

**Plenary Session: Predicting the Impact of Molecular Biology on Cancer Therapy in the 21st Century (Joint AACR/ASCO)**  
Stephen H. Friend, Frank McCormick, Christopher Walsh, Judah Folkman.

**Symposium: Cytokines in the Immunomodulation of Cancer**  
Elizabeth A. Grimm, Walter Fiers, Bernd Gansbacher, James J. Mulé, Jerome Ritz.

**Symposium: Molecular Mechanisms of Drug Resistance**  
June L. Biedler, George R. Stark, Peter W. Melera, Susan P.C. Cole, Igor B. Roninson.

**Presidential Address** - Lee W. Wattenberg

**Wed. Morning  
May 19**

**Plenary Session: From Bench to Clinic: Concepts in the Design and Targeting of New Chemotherapeutic Agents**  
Bruce A. Chabner, Susan E. Bates, Beverly S. Mitchell, Robert C. Jackson, Yves G. Pommier, Anthony E. Pegg.

**Symposium: The Restoration of Normal Differentiation and Growth to Preneoplastic and Neoplastic Cells: Strategies for Differentiation Therapy** - Waun Ki Hong, Lorraine J. Gudas, Anton M. Jetten, Scott M. Lippman, Raymond P. Warrell, Jr., Reuben Lotan.

**Symposium: Nitric Oxide and Superoxide: Endogenous Mediators of DNA Damage** - Steven R. Tannenbaum, Larry K. Keefer, Michael A. Marletta, John M. Essigmann, Bruce Dimple.

**Symposium: Mesenchymal-Epithelial Interactions with Normal and Neoplastic Epithelial Cells** - Gerald R. Cunha, Norbert E. Fusenig, Jeffrey S. Rubin, Michael K. Skinner.

**Bruce M. Cain Award Lecture** - Victor Ling.

**Thurs. Morning  
May 20**

**American Cancer Society Award Lecture** - Joseph F. Fraumeni, Jr.

**Methods Workshop: Clinical Research Methodology** - Brigid G. Leventhal, Steven Piantadosi, Barry E. Storer, Stephen L. George, Jane E. Henney. (Additional registration fee required.)

**Plenary Session: Tumor Invasion, Angiogenesis, and Metastasis** - Robert S. Kerbel, Isaiah J. Fidler, Judah Folkman, Lance A. Liotta.

**Symposium: The Biology and Therapeutic Application of Normal Hematopoietic Stem Cells** - Malcolm A. S. Moore, Alan Bernstein, Stephen G. Emerson, Ronald Hoffman, Irving L. Weissman.

**Symposium: Strategies for Utilization of Antisense Molecules or Ribozymes as Specific Anticancer Agents** - Jack S. Cohen, Stanley T. Crooke, John J. Rossi, Eliel Bayever, Jack A. Roth, Alan M. Gewirtz.

**Symposium: The EGF and FGF Receptor Superfamilies: Recent Advances in Ligands, Receptors, and Signal Transduction** - Andrew Baird, Michael Klagsbrun, David C. Lee, Wallace L. McKeelhan, Alan Rapraeger.

**G. H. A. Clowes Memorial Award Lecture** - Stuart H. Yuspa.

**Plenary Session: Mechanisms of Action of Chemopreventive Agents: Basic Science and Clinical Applications** - Martin Lipkin, Anita B. Roberts, Michael N. Gould, Malcolm C. Pike.

**Symposium: Biology and Treatment of Pediatric Cancer**  
Richard J. O'Reilly, A. Thomas Look, Fatih M. Uckun, Irene Newsham, Nai-Kong V. Cheung.

**Symposium: Protein Phosphatases in Carcinogenesis** - Claude B. Klee, Marc C. Mumby, Minako Nagao, David Hartshorne, Nick Tonks.

**Symposium: Proteases in Carcinogenesis and Tumor Progression** - Lynn M. Matrisian, Ann R. Kennedy, Bonnie F. Sloane, Keld Danø, William G. Stetler-Stevenson.

**Plenary Session: Transgenic Mice as Models for Cancer Pathogenesis** - Owen N. Witte, Terry A. Van Dyke, Cathy Finlay, Douglas Hanahan, Paul L. Stein.

**Symposium: Human DNA and Protein Adduct Dosimetry**  
Regina M. Santella, John D. Groopman, Fred F. Kadlubar, David H. Phillips, Paul L. Skipper.

**Symposium: Biology and Genetics of Human Preneoplastic Lesions** - Walter N. Hittelman, Stanley R. Hamilton, Helene S. Smith, Brian J. Reid, Azra Raza.

**Symposium: Latest Advances in Tumor Suppressor Genes**  
Edward E. Harlow, Tyler Jacks, Daniel A. Haber, Jon Huibregtse, Ann Bowcock.

**C. P. Rhoads Memorial Award Lecture** - Tom Curran.

**Fri. Morning  
May 21**

**Public Education Session** - Speaker to be announced.

**Symposium: Vitamin D and Cancer** - Michael B. Sporn, Hector F. DeLuca, John A. Eisman, Michael Holick, Thomas A. Brasitus.

**Symposium: Advances in Molecular Epidemiology of Human Cancer** - Curtis C. Harris, Robert F. Murray, Jr., Frederica Perera, David Sidransky, Yusuke Nakamura.

**Symposium: Molecular Basis for the Modulation of Radiation Sensitivity** - W. Gillies McKenna, David A. Boothman, Michael B. Kastan, Ruth J. Muschel, Ralph R. Weichselbaum, Peter M. Mauch.

**Symposium: Protein Kinase C: Modulator of the Cancer Phenotype and Target for Chemotherapy** - Peter M. Blumberg, Robert M. Bell, Michael Karin, I. Bernard Weinstein, Stuart H. Yuspa.

**Symposium: Immunologic Approaches to Targeted Therapy**  
Ira Pastan, Lee M. Nadler, David M. Goldenberg, Peter D. Senter.

**Symposium: Biology and Pathogenesis of Prostate Cancer**  
Maarten C. Bosland, William B. Isaacs, Timothy C. Thompson, Jan Trapman, Leland W. K. Chung, Donald S. Coffey.

**Symposium: Gene Rearrangements in Human Cancer** - Stanley J. Korsmeyer, Anne Dejean, James N. Ihle, Ilan R. Kirsch, Thea D. Tlsty.

**Methods Workshop: Embryonic Stem Cells and Gene Knock-outs** - Thomas C. Doetschman, Kirk Thomas, Mark Moore, Beverly Koller. (Additional registration fee required.)

Minisymposia, poster discussion sessions, and regular poster sessions will be organized from over 3,400 submitted papers in all areas of cancer research.

**Sat. Morning  
May 22**

**SESSIONS OF PROFFERED PAPERS**

**Fri. Afternoon  
May 21**

**Sat. Afternoon  
May 22**

**Thurs. Afternoon  
May 20**

Fri. Afternoon  
May 21

Sat. Morning  
May 22

Sat. Afternoon  
May 22

## SESSIONS OF PROFFERED PAPERS

### FEES

### PUBLICATIONS

### EMPLOYMENT REGISTER

### EXHIBIT SHOW

### TRAVEL AWARDS FOR YOUNG INVESTIGATORS

### WICR SESSIONS

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## GENERAL INFORMATION

Member Registration	\$115*
Nonmember Registration (includes <i>Proceedings</i> )	\$210*
Predoctoral Student and Associate Member Registration	\$55**
Workshop Registration	\$50
<i>Proceedings of the AACR</i>	\$35

\*\$25 discount for advance registration received by March 29, 1993.  
\*\*\$10 discount for advance registration received by March 29, 1993.

### Employment Register:

<b>Candidates:</b>	
AACR Members	\$10
Nonmembers	\$25
<b>Employers:</b>	
AACR Members	\$75
Nonmembers	\$125
Commercial Firms	\$250

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.

The Program of the Annual Meeting of the American Association for Cancer Research is included in the registration fee.

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 two issues of the Association's journal *Cancer Research*. Interviews will be scheduled in Orlando.

Displays by over 100 firms offering the most up-to-date products, services, and publications for both basic and clinical cancer researchers.

### Upjohn Awards

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. Upjohn Company sponsors awards to investigators in North America; Upjohn International, Inc. to investigators in other countries.

### Comprehensive Minority Biomedical Program of the National Cancer Institute

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.

Women in Cancer Research will organize several sessions during the meeting that will be of interest to all registrants.

**Advance Registration** (includes advance mailing of Program and *Proceedings*)

March 29, 1993

**Hotel Reservations**

April 16, 1993

Special fares available on Delta Air Lines and Continental Airlines through Uniglobe Travel, 800-243-4370 (from U.S. and Canada only) or 215-628-3322 (FAX).

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