

# Cancer Epidemiology Biomarkers & Prevention

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American Association for Cancer Research  
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American Society of Preventive Oncology

Abstracts from 21st Annual  
ASPO Meeting  
Begin on Page 209

**AMERICAN ASSOCIATION FOR CANCER RESEARCH**  
**88th Annual Meeting**



**Frederick P. Li, Program Committee Chairperson**  
**Clara Derber Bloomfield, Program Committee Co-Chairperson**  
**Stephen H. Friend, Program Committee Co-Chairperson**

**San Diego Convention Center, San Diego, California**  
**April 12-16, 1997**

**Titles of Major Sessions**

(Names of confirmed session organizers are in parentheses)

**SPECIAL LECTURES**

Presidential Address: Louise C. Strong  
Clowes Memorial Lecture: Stanley J. Korsmeyer  
Burchenal Lecture: Ronald Levy  
Rosenthal Foundation Lecture: Daniel D. Von Hoff  
Rhoads Memorial Lecture: Tyler Jacks  
Cain Memorial Lecture: Leroy Fong Liu  
AACR American Cancer Society Lecture: Henry T. Lynch

**PLENARY SESSION**

Genetic Predisposition to Cancer (Louise C. Strong)

**SYMPOSIA**

Genes, Cell Proliferation, and Antineoplastic Drugs (George F. Vande Woude)  
Diagnostic, Prognostic, and Therapeutic Aspects of Tumor Suppressor Genes (David Sidransky)  
Cell Cycle Regulation (Peggy J. Farnham)  
Breast Cancer Genes (Barbara L. Weber)  
Metastasis, Invasion, and Angiogenesis: Mechanisms and Therapeutic Strategies (Marilyn M. Cornwell and Elise C. Kohn)  
Novel Clinical Trials Based on Genetics and Molecular Therapeutics (Stephen H. Friend)  
Apoptosis and Cancer Therapy (Michael B. Kastan)  
Identification and Management of Genetic-High-Risk Individuals (Albert de la Chapelle)  
Behavioral Research in Cancer Research and Control (Lucile L. Adams-Campbell and Raphael C. Guzman)  
Demystifying the Role of Cytokines in Tumor Immunobiology: Status and Future Utility (Michael A. Caligiuri)  
Telomerase and Clinical Applications (Titia de Lange)  
Acute Myelocytic Leukemia (Clara Derber Bloomfield)  
Prostate Cancer (Donald S. Coffey)  
Colon Cancer (Margaret A. Tempero)  
Signaling Pathways for Novel Therapeutics (Anthony J. Pawson)  
Animal Models for Functional Analysis of Tumor Suppressor Genes (Terry A. Van Dyke)  
New Techniques for Molecular Diagnostics (Eric S. Lander)  
Mechanisms of Cellular Senescence (J. Carl Barrett)  
Damage Response Pathways (Philip C. Hanawalt)  
Gene Interactions with the Environment/Carcinogenesis (Allan Balmain)  
Epidemiology and Pathogenesis of Secondary Cancers (Frederick P. Li)

**CONTROVERSY SESSIONS**

What Are the Appropriate Therapeutic Uses of Hematopoietic Growth Factors? (Peter J. Quesenberry)  
Estrogen Replacement Therapy: Beneficial or Harmful? (Larry Norton)

What is the Value of Mammography in Young and Genetically Susceptible Women?  
Is the Time Right for Cancer Chemoprevention? (Edward Bresnick)  
What is the Role of Prophylactic Surgery in Breast and Ovarian Cancer? (Samuel A. Wells, Jr.)

**"MEET-THE-EXPERT" SUNRISE SESSIONS**

Gene Therapy (Jack A. Roth)  
Strategies for Drug Development (Daniel D. Von Hoff)  
Advances in Our Molecular Understanding of Lymphoproliferative Disease (A. Thomas Look)  
*FHIT* Gene Alterations in Cancer (Kay Huebner)  
Cancer Vaccines (David P. Carbone)  
Apoptosis  
How to Get Your New Idea Into the Clinic--Experiences with Antiangiogenesis Agents (Elise C. Kohn)  
GP130 Family of Receptors (Tadamitsu Kishimoto)  
New Approaches to Overcoming Multidrug Resistance (Alan F. List)  
Advances in Oncologic Imaging (Michael J. Welch)  
Retinoids and Cancer Chemoprevention (Waun Ki Hong)  
Mechanisms of Regulation of p53 Function (Guillermina Lozano)  
p53 and Genetic Instability (Geoffrey Wahl)  
Farnesyl Transferase Inhibitors (Allen I. Oliff)  
Human Cancer Genetics Travels to Cyberspace (Kenneth H. Buetow)  
DNA Methylation in Cancer (Stephen B. Baylin)  
Chemoprevention in Transgenic Animals (James M. Phang)  
Advances in Stem Cell Transplantation (Elizabeth J. Shpall)  
Advances in the Management of AIDS-related Malignancies (Ellen G. Feigal)  
Ovarian Cancer Update (Robert C. Bast, Jr.)  
The Biological Basis of the New International Classification of Lymphoma (Elaine S. Jaffe)  
Recent Developments in Radiotherapy (Ralph R. Weichselbaum)  
Colon Cancer Genes (Stanley R. Hamilton)  
Extracellular Connections (Mina J. Bissell)  
Barrett's Esophageal Cancer and Tumor Progression Models (Brian J. Reid)  
*H. Pylori* and Gastric Carcinogenesis (Pelayo Correa)  
Transcriptional Models and Drug Discovery (William G. Kaelin)

**METHODS WORKSHOPS AND EDUCATIONAL SESSIONS**  
**To be announced**

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# Cancer Epidemiology & Prevention

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### Annual Dues

The annual dues of active members of the American Association for Cancer Research are \$175, \$55 of which may be applied toward a subscription to *Cancer Epidemiology, Biomarkers & Prevention*. Corresponding members of the Association will be charged an appropriate fee to offset periodicals postage costs. Payment of dues and changes of address of members of the Association should be sent promptly to Margaret Foti, Executive Director, American Association for Cancer Research, Public Ledger Bldg., Suite 816, 150 South Independence Mall West, Philadelphia, PA 19106-3483; Telephone: (215) 440-9300; FAX: (215) 440-9313.

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### Submission of Manuscripts

*Cancer Epidemiology, Biomarkers & Prevention* publishes original research on cancer causation and prevention in humans, linking three previously unintegrated disciplines: epidemiology, biomarkers, and prevention. Topics include descriptive, analytical, biochemical, and molecular epidemiology; the use of biomarkers to study the neoplastic and preneoplastic processes in humans; chemoprevention and other types of prevention trials; and the role of behavioral factors in cancer etiology and prevention. Manuscripts that address individual subjects in any of the three disciplines are welcome as well as manuscripts with an interdisciplinary approach. All submissions undergo peer review. Papers should be sent directly to Pelayo Correa, M. D., Editor-in-Chief, CEBP, Dept. of Pathology, Louisiana State University Medical Center, 1901 Perdido Street, New Orleans, LA 70112-1393. See Instructions for Authors (page i of this issue) for further information concerning submissions.

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Prevention and Control Program**

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The University of Hawai'i, Cancer Research Center of Hawai'i seeks a clinically-oriented scientist to develop independent research and collaborations with other scientists at the Center, and with community health professionals. Other academic responsibilities include contributing to the University's teaching mission and providing service to the University, community, and profession. The mission of the Prevention and Control Program is to conduct research and training to reduce morbidity and mortality due to cancer, with a special focus on Hawai'i.

Applicants should have a record of accomplishment in research and teaching related to cancer control. Minimum requirements include a MD, PhD or equivalent in a clinically related field, research as a primary career interest, and appropriate post-doctoral experience. Evidence of excellent communication skills and ability to work productively with community-based health professionals is also required. It is anticipated that the successful candidate will also hold a teaching appointment in an appropriate University department. Salary will be commensurate with experience.

Interested applicants should send a curriculum vitae, a letter addressing their qualifications for the position, and a list of three persons who can provide references to Chair, Prevention and Control, Assistant Professor Search Committee, Cancer Research Center of Hawai'i, 1236 Lauhala Street, Honolulu, Hawai'i 96813; telephone (808) 586-2975.

Review of applications will begin immediately and will continue until the position is filled. *The University of Hawai'i is an Equal Opportunity/Affirmative Action Institution and encourages applications from women and minority candidates.*



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**This One**



**NSL3-JXE-FPJ3**



**LATE-BREAKING RESEARCH SESSION  
AT THE AACR ANNUAL MEETING  
Tuesday, April 15, 1997**

*Time has been set aside for the presentation of 4-5 definitive reports of highly significant and timely findings in the field. Criteria for the selection of these presentations and instructions for submission of abstracts are as follows:*

**INSTRUCTIONS FOR SUBMISSION OF LATE-BREAKING ABSTRACTS**

1. The work to be presented must be of major novelty and significance, *e.g.*, the characterization of a new gene in familial cancer or the discovery of a new diagnostic marker, and should not have been previously published in a peer-reviewed scientific journal or presented at a national meeting.
2. The abstract must be sponsored by an AACR member in good standing (dues paid for 1997).
3. Each member in good standing may sponsor only **one** abstract for this session whether or not he or she sponsored an abstract last November for the regular annual meeting program. If an associate member is the **sponsor**, the abstract must also be **endorsed** by an active or corresponding member in good standing. In this case, the **endorser** does **not** forfeit the opportunity to **sponsor** a late-breaking abstract.
4. Abstracts must be typed on **one** side of **one** sheet of white paper.
5. All text on the page must fit within an area 6 1/2" wide and 9" high (16.5 cm X 22.9 cm) with margins of at least 1" (2.5 cm) on the top, bottom, and sides of the page.
6. Each abstract must be accompanied by a covering letter from the sponsor explaining why the work is novel and significant enough to be considered for this late-breaking research session and certifying that the findings became available **after** the annual meeting abstract deadline of November 12, 1996. This letter must contain the sponsor's complete mailing address, FAX number, and E-mail address (if available) so that we can communicate the scheduling decision of the Program Committee.
7. Abstracts and covering letters must be received in the AACR Office by 5:00 p.m. Eastern Time on **March 7, 1997**. FAX transmissions are **not** acceptable. Carrying envelopes should be clearly marked "Late-Breaking Abstract," and should be addressed to American Association for Cancer Research, Public Ledger Building, Suite 816, 150 South Independence Mall West, Philadelphia, PA 19106-3483. If you wish to receive acknowledgment of receipt of your abstract, enclose a self-addressed post card with appropriate postage affixed. Accepted abstracts will not be published since they will be received after the *Proceedings of the American Association for Cancer Research* has been printed; however, they will be distributed at the session in San Diego.
8. A special subcommittee of the Program Committee appointed by President Louise C. Strong will select the papers to be presented. Presenters of accepted papers will be notified via FAX no later than **March 24, 1997**.