



# Cancer Research

AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH



October 1, 1996  
Volume 56 • Number 19  
PP. 4297-4550  
ISSN 0008-5472 • CNREA 8

AACR/ASCO JOINT CONFERENCE

# Basic and Clinical Aspects of Lymphoma



January 10-14, 1997  
Renaissance Esmeralda Resort  
Indian Wells (Palm Springs), CA



Supported by a Generous Educational Grant from the  
Cure For Lymphoma Foundation  
(Corporate Support to be Listed in Future Announcements)

## CONFERENCE CO-CHAIRPERSONS

**James O. Armitage** / Omaha, NE      **Joseph R. Bertino** / New York, NY

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**Saul A. Rosenberg** / Stanford, CA

## PROGRAM COMMITTEE

**Franco G. Cavalli** / Bellinzona, Switzerland      **Bruce A. Chabner** / Boston, MA  
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**Thomas M. Grogan** / Tucson, AZ      **Alexandra M. Levine** / Los Angeles, CA  
**Ronald Levy** / Stanford, CA      **Sharon B. Murphy** / Chicago, IL

## CONFERENCE PROGRAM

### Keynote Address

**Saul A. Rosenberg** / Stanford, CA

### The New Entities and Classification

**Nancy L. Harris** / Boston, MA  
**Dennis D. Weisenburger** / Omaha, NE  
**James O. Armitage** / Omaha, NE  
**Richard I. Fisher** / Maywood, IL

### Lymphomagenesis and Etiology

**Franco G. Cavalli** / Bellinzona, Switzerland  
**Richard F. Ambinder** / Baltimore, MD

### Lymphoma Associated with Immunodeficiency

**Daniel Knowles** / New York, NY  
**Lode J. Swinnen** / Maywood, IL  
**Alexandra M. Levine** / Los Angeles, CA

### Genetic Abnormalities in Lymphoma

**Raju S. K. Chaganti** / New York, NY  
**Riccardo Dalla-Favera** / New York, NY  
**Stephan W. Morris** / Memphis, TN  
**Diane C. Louie** / New York, NY

### Cell Adhesion and Cell Signaling/ Molecular and Homing Receptors

**Thomas M. Grogan** / Tucson, AZ  
**Douglas R. Green** / San Diego, CA

### Can We Improve Outcome with Available Therapies?

**Sharon B. Murphy** / Chicago, IL  
**Joseph R. Bertino** / New York, NY  
**John H. Glick** / Philadelphia, PA

### New Therapies

**Bruce A. Chabner** / Boston, MA  
**Oliver W. Press** / Seattle, WA  
**Ronald Levy** / Stanford, CA  
**Finbarr E. Cotter** / London, England

### *Additional Speakers to be Announced*

Applicants are encouraged to submit abstracts for oral and poster presentation.

**Application Deadline: November 25, 1996**

### Information and Application Forms:

**American Association for Cancer Research**  
**Public Ledger Building, Suite 816**  
**150 South Independence Mall West**  
**Philadelphia, PA 19106-3483**  
**215-440-9300 215-440-9313 (FAX)**  
**World Wide Web: <http://www.aacr.org>**

# CELL SIGNALING AND CANCER TREATMENT



An American Association for Cancer Research Special Conference  
in Collaboration with  
Austrian Cancer Society, British Association for Cancer Research,  
German Cancer Society and the Austrian Biochemical Society

February 23-28, 1997  
Interalpen-Hotel Tyrol  
Telfs-Buchen, Austria

## CONFERENCE CHAIRPERSONS

**Hans H. Grunicke** / Innsbruck, Austria  
**Garth Powis** / Tucson, USA  
**Paul Workman** / Macclesfield, England

## PROGRAM COMMITTEE

**Sara A. Courtneidge** / Redwood City, USA  
**Sylvie Gisselbrecht** / Paris, France  
**Bernd Groner** / Freiburg, Germany  
**Adrian L. Harris** / Oxford, England  
**Peter A. Herrlich** / Karlsruhe, Germany  
**Peter Hilgard** / Frankfurt, Germany  
**Alex Matter** / Basel, Switzerland  
**Frank P. McCormick** / Richmond, USA  
**Laurent Meijer** / Roscoff, France  
**Michael J. Morin** / Groton, USA  
**Axel Ullrich** / Munich, Germany

## SCIENTIFIC PROGRAM

### Keynote Address

**Paul Workman** / Macclesfield, England

### Growth Factor Antagonists and Growth Factor Receptor Blockers

**Enrique Rozengurt** / London, England  
**Nancy E. Hynes** / Basel, Switzerland  
**Bernd Groner** / Freiburg, Germany  
**Nicholas Lydon** / Basel, Switzerland

### Receptor and Post Receptor Signaling: Mechanisms and Targets in Cancer Chemotherapy

**Sara A. Courtneidge** / Redwood City, USA  
**Frank P. McCormick** / Richmond, USA  
**Nicholas K. Tonks** / Cold Spring Harbor, USA  
**Garth Powis** / Tucson, USA  
**Ulf R. Rapp** / Würzburg, Germany  
**Alan K. Hall** / London, England  
**Axel Ullrich** / Munich, Germany

### Cell Cycle and Cancer

**Laurent Meijer** / Roscoff, France  
**Christian Brechot** / Paris, France  
**Rolf Müller** / Marburg, Germany  
**J. Wade Harper** / Houston, USA

### Cytokine Signaling

**Sylvie Gisselbrecht** / Paris, France  
**Atsushi Miyayima** / Tokyo, Japan  
**Ian M. Kerr** / London, England  
**Gennaro Ciliberto** / Rome, Italy

### Programmed Cell Death: Role in Oncogenesis and Tumor Therapy

**Gerard I. Evan** / London, England  
**Caroline Dive** / Manchester, England  
**Douglas R. Green** / La Jolla, USA  
**Donald W. Nicholson** / Pointe-Claire-Dorval, Quebec, Canada

### Invasion and Metastasis

**Max M. Burger** / Basel, Switzerland  
**Louis F. Reichardt** / San Francisco, USA  
**John G. Collard** / Amsterdam, The Netherlands  
**Helmut Ponta** / Karlsruhe, Germany

### Angiogenesis

**Adrian L. Harris** / Oxford, England  
**Kari K. Alitalo** / Helsinki, Finland  
**Isaiah J. Fidler** / Houston, USA

*Applicants are encouraged to submit abstracts for poster presentation.*

**Application deadline: November 1, 1996**

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215-440-9300 215-440-9313 (FAX)  
E-mail: aacr@aol.com

**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 Session**

(Names of confirmed session organizers are in parentheses)

**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

Breast Cancer Genes (Barbara L. Weber)

Metastasis, Adhesion, and Angiogenesis: Mechanisms and  
Therapeutic Strategies (Marilyn M. Cornwell)

Novel Clinical Trials Based on Genetics and Molecular  
Therapeutics (Stephen H. Friend)

Apoptosis and Cancer Chemotherapy (Michael B. Kastan)

Identification and Management of Genetic-High-Risk  
Individuals (Albert de la Chapelle)

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?

What is the Value of Mammography in Young and Genetically  
Susceptible Women?

Is the Time Right for Cancer Chemoprevention? (Edward  
Bresnick)

Gene Patents: Help or Hindrance to Conquering Cancer?

What is the Role of Prophylactic Surgery in Breast and Ovarian  
Cancer? (Samuel A. Wells, Jr.)

What Are the Appropriate Guidelines for the Use of Archived  
Human Tissue?

How Robust Are Antisense/Third Strand Techniques for Gene  
Disruption?

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

Angiogenesis

Gene Therapy (Jack A. Roth)

Strategies for Drug Development

Advances in Our Molecular Understanding of  
Lymphoproliferative Disease (A. Thomas Look)

FHIT Gene (Kay Huebner)

Cancer Vaccines (David P. Carbone)

Lung Cancer

Costimulatory Molecules in Tumor Immunity

New Approaches to Overcoming Multidrug Resistance (Alan F.  
List)

Advances in Oncologic Imaging

Retinoids and Cancer Prevention (Waun Ki Hong)

p53 Gene Mechanisms

p53 and Genetic Instability (Geoffrey Wahl)

Farnesyl Transferase Inhibitors (Allen I. Oliff)

Bioinformatics/Genomics

DNA Methylation in Cancer (Stephen B. Baylin)

Chemoprevention in Transgenic Animals (James M. Phang)

Advances in Stem Cell Transplantation

Psychosocial Issues in Cancer

Advances in the Management of AIDS-related Malignancies  
(Ellen G. Feigal)

Recent Developments in Our Understanding of Minimal  
Residual Disease (John G. Gribben)

Ovarian Cancer Update (Robert C. Bast, Jr.)

The Biological Basis of the New International Classification of  
Lymphoma

Recent Developments in Radiotherapy

Colon Cancer Genes

Extracellular Connections

Barrett's Esophageal Cancer and Tumor Progression Models

H. Pylori

Transcriptional Models and Drug Discovery

**METHODS WORKSHOPS AND EDUCATIONAL SESSIONS**

**To be announced**

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Abstract Deadline: November 12, 1996

**Further Information:** AACR Office • Public Ledger Building • Suite 816  
• 150 S. Independence Mall West • Philadelphia, PA 19106-3483 •

**TELEPHONE:** (215) 440-9300 • **FAX:** (215) 440-9313 • **Email:**  
aacr@aol.com

**For up-to-date information** visit the AACR web site at  
<http://www.aacr.org>

# COVER LEGEND

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The logo for Cancer Research features a small black square with a white arrow pointing downwards, positioned above the words "Cancer Research" in a serif font. The text is underlined by a thick black horizontal bar.



October 1, 1996  
Volume 56 • Number 19  
PP 4297-4850  
ISSN 0008-5472 • CCRRA 8

Among the unique contributions of Rudolph Ludwig Karl Virchow (1821–1902) was the first true description of the cellular pathology of leukemia. He noted the irreversible progressive augmentation of the white blood cells, followed in later stages by a diminution of the red blood cells, and followed invariably by death. He described in meticulous detail the observation that the disease was accompanied by enormous enlargement of the lymphatic glands and spleen, owing to the accumulation of large numbers of cells. He studied microscopically the cellular anatomy of the leukemic leukocytes, as excerpted from Chapter 8 of his book, a classic compendium of 20 chapters entitled *Cellular Pathology: As Based on Physiological and Pathological History*. The book was published originally in Berlin in 1859, and an English translation was published in Philadelphia 4 years later. It was reprinted in New York as recently as 1971 and is noted for the first meticulous drawings of leukemia cells from the lymph glands and spleen, the tissues Virchow mistakenly regarded as the site of their origin.

Dr. Virchow was born in 1821 in Pomerania in the former East Germany. His father, a farmer and part-time town treasurer, supervised his early education. At the gymnasium, he displayed two lifelong characteristics: academic brilliance and rebellion against established rules. He then began his study of medicine in Berlin, where his scientific interests were shaped by the foremost German medical scientist, Johannes Müller. Upon graduation in 1843, he began his medical career at the Charité Hospital. Appalled by the poverty and starvation of the peasants he treated, he became thoroughly committed to the overthrow of the bureaucratic-feudal government and was a sympathetic but minor participant in the German Revolution in 1848. Removed from his post at the Charité Hospital, he went to the more intellectual climate at Würzburg.

He spent 7 years as Chairman of the Pathology Department of the University of Würzburg and then returned to Berlin to serve as Professor of Pathology and Director of the Pathological Institute. His academic career was marked by inspired teaching and an astonishing number of notable accomplishments. These included the discovery of sarcotic and aspergillitic forms of mycoses in lung and bronchi and the introduction of such major concepts as embolism, identification of neuroglia, the lymphatic sheaths of the cerebral arteries, rheumatic gout as arthritic deformans, the investigation of “lupus tuberculosis,” and a host of other entities. In 1861, he was elected to the Prussian Diet, and although his political interests dominated, he also contributed to the field of anthropology. In 1880, he was elected to the Reichstag, where he remained until 1893. By that time, his tremendous medical contributions had brought international acclaim and honors. As a “Renaissance man,” his brilliance extended widely. Following a fractured femur at age 81, his health declined rapidly, and he died in 1902.

Information for this legend was obtained by permission from *Classics in Oncology*, collected by *Ca—A Cancer Journal for Clinicians*, which was published in 1987 by the American Cancer Society, and edited by Arthur I. Holleb, M.D., and Michael Braun Randers-Pehrson, to whom our appreciation is extended.

Sidney Weinhouse