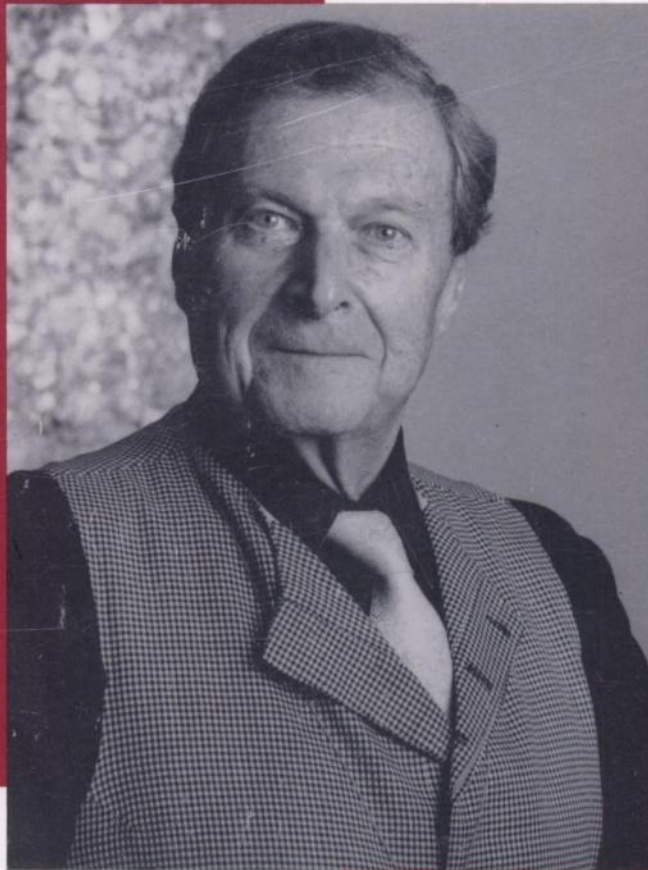


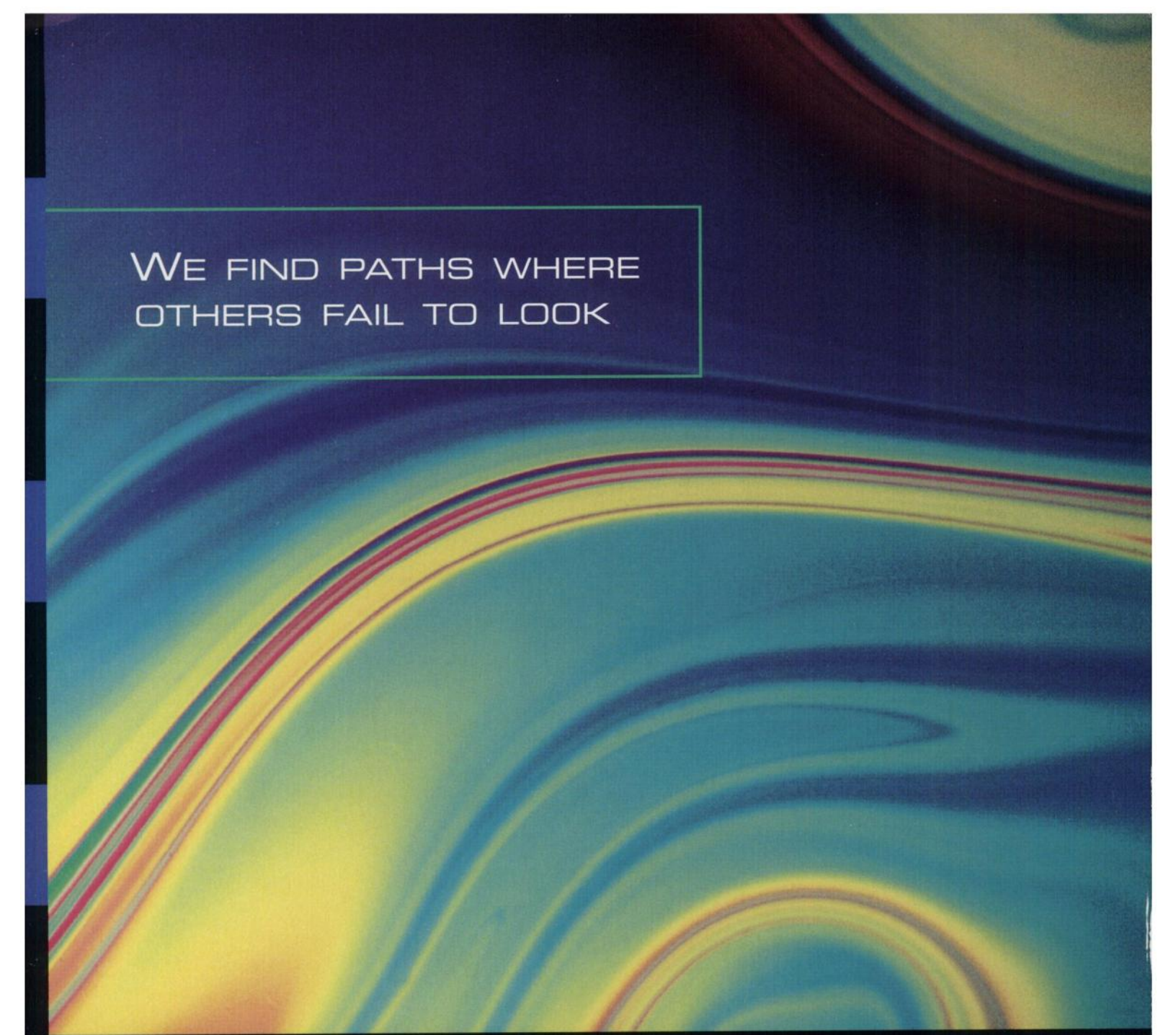


Cancer Research

OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH



April 15, 1993
Volume 53 • Number 8
PP. 1719-1965
ISSN 0008-5472 • CNREA 8



WE FIND PATHS WHERE
OTHERS FAIL TO LOOK

At the Sandoz Cytokine Development Unit (CDU), we are exploring new paths of research and development and studying more options in disease treatment than were ever thought possible. Using the latest technology, the CDU is working to develop these treatments rapidly, with the same high-quality standards we have always upheld.

At the CDU, our commitment to research and development is unsurpassed. Sandoz created the

CDU as an independent unit, fueled by the dedication of specialized personnel. These highly skilled individuals have been brought together for a common goal—to explore new paths of therapy.



The American Association for Cancer Research Presents

Molecular Biology in Clinical Oncology: A Workshop

An intensive, one-week summer workshop on molecular biology designed for clinical oncologists in training or in their early academic careers.

July 2-8, 1993
The Given Institute
Aspen, Colorado

ORGANIZERS

STEPHEN H. FRIEND
Massachusetts General Hospital
Charlestown, MA

L. MICHAEL GLODÉ
University of Colorado School
of Medicine
Denver, CO

- Lectures by leading experts on molecular biology concepts and the latest developments in molecular oncology such as gene therapy, oncogenes and growth factors, tumor suppressor genes, fusion proteins, genetic mutations, antisense, metastasis, and drug resistance.
- Small group laboratory sessions to demonstrate the important experimental techniques utilized in molecular biology.
- A workshop syllabus containing relevant published papers, references to key articles in the literature, and details on important laboratory procedures.
- Financial support for participants who are physicians in training or oncology fellows.
- Category I CME credits through the University of Colorado School of Medicine.

Faculty

Lectures

OWEN N. WITTE/ Los Angeles, CA
KENNETH W. CULVER/ Bethesda, MD
ANDRÉ BERNARDS/ Charlestown, MA
HAROLD L. MOSES/ Nashville, TN
ADI F. GAZDAR/ Dallas, TX
CORI GORMAN/ San Francisco, CA

DAVID E. PETTIJOHN/ Denver, CO
CRAIG TUERK/ Boulder, CO
EMMETT SCHMIDT/ Charlestown, MA
STEPHEN H. FRIEND/ Charlestown, MA
ERIC R. FEARON/ Baltimore, MD
L. MICHAEL GLODÉ/ Denver, CO

PATRICIA S. STEEG/ Bethesda, MD
MARC E. LIPPMAN/ Washington, DC
MASAAKI TERADA/ Tokyo, Japan
WILLIAM S. DALTON/ Tucson, AZ
JOHN R. MURPHY/ Boston, MA
JACKIE LEES/ Charlestown, MA

Additional Speakers to be Announced

Laboratory Rotations

ANNE KALLIONIEMI and OLLI-P. KALLIONIEMI/ San Francisco, CA. "Practical Molecular Cytogenetics."
MARK S. BOGUSKI/ Bethesda, MD. "Computer Searching in Molecular Biology."
IAN H. MAXWELL and L. MICHAEL GLODÉ/ Denver, CO. "Polymerase Chain Reaction Technology."
JAMES P. HOEFFLER/ Denver, CO and HOLLY INGRAHAM/ San Francisco, CA. "Transfer of Nucleic Acids and Proteins."
CORI M. GORMAN/ San Francisco, CA. "Gene Expression Systems."

Application Deadline April 30, 1993



For further information, contact

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
Telephone: (215) 440-9300 • FAX: (215) 440-9313

THE AMERICAN ASSOCIATION FOR CANCER RESEARCH PRESENTS



*An Important Educational Opportunity for
Predoctoral and Postdoctoral Fellows
Contemplating Careers in Basic Cancer Research*

HISTOPATHOLOGY OF NEOPLASIA

*The Edward A. Smuckler Memorial Workshop
Supported by a Generous Grant from the National Cancer Institute*

Keystone Conference Center
Keystone, Colorado
June 20 - June 27, 1993

- Intensive training in the histopathology and biology of neoplasia.
- Twenty-eight hours of hands-on laboratory exercises directed by distinguished pathologists.
- An outstanding series of lectures on rapidly developing areas of cancer research by laboratory directors and other prominent investigators.
- Extensive written course materials that will serve as valuable references in the future.
- Full funding of participants' lodging and subsistence expenses during the workshop.

LABORATORY AND LECTURING FACULTY

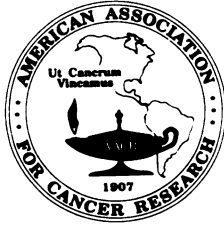
John H. Lehman*, Albany College of Medicine,
Albany, NY, **Course Director**
Stephen Baird*, VA Medical Center, San Diego,
CA
Helen Feiner, New York University School of
Medicine, New York, NY
Michael W. Lieberman*, Baylor College of
Medicine, Houston, TX
Robert Low, University of Colorado School of
Medicine, Denver, CO
Gary Miller*, University of Colorado School of
Medicine, Denver, CO
Harold L. Moses, Vanderbilt University School of
Medicine, Nashville, TN

Sharon B. Murphy, Children's Hospital, Chicago, IL
Garth L. Nicolson, UT-M. D. Anderson Cancer Ctr.,
Houston, TX
G. Barry Pierce, University of Colorado School of
Medicine, Denver, CO.
Michael Prystowsky, University of Pennsylvania
School of Medicine, Philadelphia, PA
Stewart Sell, University of Texas Medical School,
Houston, TX
Saraswati Sukumar, The Salk Institute, La Jolla, CA
Frederick Waldman, University of California, San
Francisco, CA
Sandra R. Wolman*, Harper Hospital, Detroit, MI
Additional Faculty to be Announced

**Member of the Workshop Executive Committee*

APPLICATION DEADLINE: APRIL 30, 1993

Further Information: American Association for Cancer Research • Public Ledger Building
620 Chestnut Street • Suite 816 • Philadelphia, PA 19106-3483
Telephone: (215) 440-9300 • FAX: (215) 440-9313



AMERICAN ASSOCIATION FOR CANCER RESEARCH SCIENTIFIC CONFERENCES: 1993-1994

APRIL 13-17, 1993

Genetic Control of Cell Growth

Laureates Conference

General Motors

Cancer Research Foundation

Chairpersons: Leland H. Hartwell, Seattle, WA;
Peter K. Vogt, Los Angeles, CA; George F.
Vande Woude, Frederick, MD
San Luis Hotel, Galveston, TX

MAY 19-22, 1993

84th Annual Meeting

Chairperson: Michael B. Sporn, Bethesda, MD
Orange County Convention Center, Orlando, FL

OCTOBER 17-21, 1993

Cell Death and Cancer

Chairperson: Alan R. Eastman, Hanover, NH
Chatham Bars Inn, Chatham (Cape Cod), MA

NOVEMBER 7-11, 1993

***Molecular Approaches to
Cancer Immunotherapy***

Chairperson: Ralph A. Reisfeld, San Diego, CA
Grove Park Inn, Asheville, NC

NOVEMBER 9-13, 1993

***Interactions of Cancer Susceptibility
Genes and Environmental Carcinogenesis***

Joint Meeting with International Agency for
Research on Cancer

Chairpersons: Frederick P. Li, Boston, MA, and
Ruggero Montesano, Lyon, France
IARC, Lyon, France

DECEMBER 5-9, 1993

Cell Signalling and Cancer Treatment

Joint Meeting with British Association for
Cancer Research and European
Organisation for Research and Treatment
of Cancer (PAM Group)

Chairpersons: Garth Powis, Tucson, AZ;
Paul Workman, Glasgow, Scotland
El San Juan Hotel, San Juan, PR

JANUARY 17-22, 1994

***Risk Assessment in Environmental
Carcinogenesis***

Chairpersons: Philip C. Hanawalt, Stanford, CA;
James A. Swenberg, Chapel Hill, NC
Whistler Resort and Conference Center, Whistler,
B.C., Canada

JANUARY 31-FEBRUARY 5, 1994

***Molecular Genetics of Progression
and Metastasis***

Chairperson: Lance A. Liotta, Bethesda, MD
Big Sky Resort, Big Sky, MT

FEBRUARY 19-24, 1994

Genomic Instability and Cancer

Chairpersons: Thea D. Tlsty and Lawrence A.
Loeb
Banff Springs Hotel, Banff, Alberta, Canada

MARCH 5-11, 1994

Growth Factors, Development, and Cancer

Joint Meeting with Friedrich-Miescher Institut

Chairpersons: Harold L. Moses and Bernd
Groner
Congress Center, Interlaken, Switzerland

APRIL 10-13, 1994

85th Annual Meeting

Chairperson: Karen S.H. Antman, Boston, MA
Moscone Center, San Francisco, CA

AACR members will receive brochures on the
above special conferences as soon as they are
available. Nonmembers should call or write:

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
215-440-9300 • 215-440-9313 (FAX)

The Pezcoller Foundation, Trento, Italy



The Pezcoller Foundation is a non-profit organization created in 1979 by Prof. Alessio Pezcoller, who was the chief Surgeon of the Santa Chiara Hospital of Trento, Italy. The goal of the Foundation is to promote biomedical research. To this end, it annually sponsors a symposium at the cutting edge of basic research and biennially awards a prize for fundamental discoveries in the aetiology, pathogenesis, treatment or natural history of a disease; the winner is selected by an International Committee chaired by Prof. U. Veronesi, European School of Oncology. The symposia are structured to favor intensive discussions among participants leading to the development of new ideas and perspective. The topics are chosen by an International Advisory Committee composed of: E. Mihich, Chairman (Buffalo), G. Bernardi (Trento), C. Croce (Philadelphia), G. Della Porta (Milan), V. DeVita (New York), G. Lenaz (Bologna), A. Levine (Princeton), D. Livingston (Boston), P. Schlechter (Trento), E. Solomon (London), T. Taniguchi (Osaka), F. Zuelli (Trento).

Fifth Pezcoller Symposium, June 9-11, 1993, Trento, Italy: Apoptosis

Co-Chairmen: E. Mihich and R. Schimke

Program Committee: Drs. E. Mihich (Chairman), M. Bishop, A. Levine, D. Livingston, R. Schimke

June 9, AM, Session I, Co-Chairmen: E. Mihich and P. Amati

Robert Horvitz Genetic control of programmed cell death in the nematode
Caenorhabditis elegans

David Papermaster Inherited retinal degenerations: Is apoptosis involved?

June 9, PM, Session II, Co-Chairmen: A. Levine and C. Riccardi

Moshe Oren The involvement of p53 in apoptosis

Eileen White Regulation of apoptosis by the transforming gene products of adenovirus

Gerard Evan Coupled control of cell proliferation and death by the c-Myc protein

John Cleveland Regulatory mechanisms of apoptosis in myeloid progenitor cells

June 10, AM, Session III, Co-Chairmen: D. Livingston and G. Bellomo

Pierluigi Nicotera Ion signalling in apoptosis

Michael Kastan Molecular controls of cell cycle progression following DNA damage: roles of p53 and ataxia-telangiectasia gene products

John Isaacs Neither DNA synthesis nor p53 function are required for programmed cell death of androgen dependent prostatic cell induced by androgen ablation

June 11, AM, Session IV, Co-Chairmen: S. Schlossman and M. Fried

David Hockenbery The bcl-2 gene and cell death: insights into the mechanism of apoptosis

Jonathan Ashwell Steroid regulation of activation-induced T cell apoptosis

Tadatsugu Taniguchi Transcription factors IRF-1 and IRF-2; A link between the interferon system and cell growth control

Douglas Green Oncogene interactions in apoptosis

June 11, PM, Session V, Co-Chairmen: R. Schimke and M. D'Incalci

Steve Sherwood Disturbances in cell cycle progression and the induction of apoptosis in cultured cells

Peter Krammer APO-1 mediated apoptosis at the crossroad of lymphoproliferation and autoimmunity

Alan Eastman Endonucleases associated with apoptosis

Symposium Discussants: Terry Grodzicker, Domenico Delia

For further information on the Fifth Symposium, please contact Ms. Ann Toscani, Roswell Park Cancer Institute, Buffalo, NY 14263, USA (Tel: 716-845-8225; Fax: 716-845-8857), and for local arrangements, Mr. Giorgio Pederzoli, The Pezcoller Foundation, Trento, Italy (Tel: 39-461-211265; Fax: 39-461-980350).

INTERACTIONS OF CANCER SUSCEPTIBILITY GENES AND ENVIRONMENTAL CARCINOGENS

**Joint Meeting Organized by the
American Association for Cancer Research (AACR)
and the International Agency for Research on Cancer (IARC)**

**November 9-13, 1993
Lyon, France**

CONFERENCE CHAIRPERSONS

**Frederick P. Li / Boston, USA
Ruggero Montesano / Lyon, France**

SCIENTIFIC PROGRAM

Introductory Lectures

**Curtis C. Harris / Bethesda, USA
Lorenzo Tomatis / Lyon, France
Lee W. Wattenberg / Minneapolis, USA
Manfred F. Rajewsky / Essen, Germany**

Genetic Instability

**Kari K. Alitalo / Helsinki, Finland
T. Heidmann / Paris, France
Thea D. Tlsty / Chapel Hill, USA**

Experimental Models of Genetic Susceptibility

**J. Carl Barrett / Research Triangle Park, USA
Henry C. Pitot / Madison, USA
Bernard M. Mechler / Heidelberg, Germany**

DNA Damage and Repair

**Dirk Bootsma / Rotterdam, The Netherlands
John M. Essigmann / Cambridge, USA
Mutsuo Sekiguchi / Fukuoka, Japan**

Mechanisms of Transgenerational Carcinogenesis

**Carmen Sapienza / La Jolla, USA
Ulrike Wintersberger / Vienna, Austria
David Malkin / Toronto, Canada
Christopher J. Kemp / Glasgow, Scotland**

Human Cancers

**Frederick P. Li / Boston, USA
Valerie Beral / Oxford, England
Bruce A. J. Ponder / Cambridge, England
Neil E. Caporaso / Bethesda, USA
Gilbert M. Lenoir / Lyon, France**

Markers of Individual Exposure

**Ruggero Montesano / Lyon, France
Peter A. Cerutti / Epalinges, Switzerland**

Opportunities for Prevention

I. Bernard Weinstein / New York, USA

Information and Application Forms

American Association for Cancer Research
Public Ledger Building
620 Chestnut Street, Suite 816
Philadelphia, PA 19106-3483
(215) 440-9300 (215) 440-9313 (FAX)

