SEPTEMBER 9-13, 1997  
*Molecular Genetics of Cancer*  
Conference with the European Association for Cancer Research  
Chairpersons: Eric J. Stanbridge, Irvine, CA; Walter Bodmer, Oxford, England  
Hertford College, Oxford, England

SEPTEMBER 26-30, 1997  
*Tumor Suppressor Genes*  
Co-Sponsored by the National Cancer Institute of Canada  
Chairpersons: Stephen H. Friend, Seattle, WA; Philip Branton, Montreal, Quebec, Canada  
Victoria Conference Centre, Victoria, BC, Canada

OCTOBER 17-21, 1997  
*Transcriptional Control of Proliferation, Differentiation, and Development*  
Chairpersons: Robert N. Eisenman, Seattle, WA; Elaine V. Fuchs, Chicago, IL  
The Sagamore Resort, Bolton Landing (Lake George), NY

DECEMBER 12-16, 1997  
*DNA Methylation, Imprinting, and the Epigenetics of Cancer*  
Chairpersons: Peter A. Jones, Los Angeles, CA; Stephen B. Baylin, Baltimore, MD; Timothy H. Bestor, New York, NY  
El Conquistador Resort and Country Club, Las Crobasas, PR

JANUARY 9-13, 1998  
*Molecular Mechanisms of Apoptosis Regulation*  
Chairpersons: John C. Reed, La Jolla, CA; Vishva M. Dixit, Ann Arbor, MI  
Renaissance Esmeralda Resort, Indian Wells (Palm Springs), CA

JANUARY 24-28, 1998  
*Angiogenesis and Cancer*  
Chairpersons: Judah Folkman, Boston, MA; Michael Klagsbrun, Boston, MA  
Hyatt Orlando, Orlando, FL

FEBRUARY 16-21, 1998  
*Innovative Molecular Biology Approaches to the Prevention, Diagnosis, and Therapy of Cancer*  
Joint Meeting with the Japanese Cancer Association  
Chairpersons: Edward Bresnick, Worcester, MA; Kaoru Abe, Tokyo, Japan  
Maui Marriott Resort, Maui, HI

MARCH 28-APRIL 1, 1998  
*89th Annual Meeting*  
Chairperson: Frank J. Rauscher III, Philadelphia, PA  
Morial Convention Center, New Orleans, LA  
Abstract Deadline: October 28, 1997

AACR members will receive brochures on the above conferences as soon as they are available. Nonmembers should call or write:  
American Association for Cancer Research  
Public Ledger Building, Suite 826  
150 South Independence Mall West  
Philadelphia, PA 19106-3483  
215-440-9300 * 215-440-9313 (FAX)  
E-Mail: aacr@aacr.org

For regular updates to this list visit the AACR's Website, http://www.aacr.org
Editor-in-Chief
John Mendelsohn
Cell proliferation and death—preclinical, and clinical trials; radiation therapy, surgery, and subspecialty investigation

Deputy Editor
Waun Ki Hong
Clinical trials targeted at specific malignancies, chemoprevention

Senior Editors
Lance A. Liotta
Pathology, metastasis

David Sidransky
Molecular pathogenesis, molecular correlates

Paul Sondel
Immunotherapy and cytokines—preclinical, and clinical trials

Associate Editors
Martin D. Abeloff
Carmen J. Allegra
James O. Armitage
Laurence H. Baker
Charles M. Balch
Barthel Barlogie
Robert C. Bast, Jr.
Colin B. Begg
Joseph R. Bertino
Clara D. Bloomfield
Ronald H. Blum
George J. Bosl
Paul A. Bunn, Jr.
Michael A. Caligiuri
Alfred E. Chang
Paul B. Chapman
Michaela C. Christian
Curt I. Civan
Ronald Crystal
William S. Dalton
Albert B. Deisseroth
Patricia K. Donahue
Ross C. Donehower
Timothy J. Eberlein
Merrill J. Egoryn
Frederick R. Eiber
Robert M. Elashoff
Paul F. Engstrom

Eric R. Fearon
Isaiah J. Fidler
Richard M. Fox
Michael A. Friedman
Zvi Y. Fuks
Stephen L. George
Giuseppe Giaccone
Luca Gianni
Anna Giuliano
Eli Glosten
David W. Golde
Mark R. Green
Jerome E. Groopman
William N. Hait
Adrian L. Harris
Curtis C. Harris
Sandra J. Horning
William J. Hoskins
Janet A. Houghton
Stephen B. Howell
Daniel C. Ihle
John T. Isaacs
Robert B. Jenkins
David H. Johnson
V. Craig Jordan
Barton A. Kamen
Michael B. Kastan

S. B. Kaye
David P. Kelsen
David Khayat
John M. Kirkwood
Donald W. Kufe
Steven M. Larson
John S. Lazo
Victor A. Levin
Allen Lichter
Marc E. Lippman
Edison T. Liu
Patrick J. Loehrke, Sr.
Dan L. Longo
Michael T. Lotze
Maurie Markman
William P. McGuire III
Roland Mertelsmann
Frank L. Myskens, Jr.
John D. Minna
Monica Morrow
James L. Mulshine
Sharon B. Murphy
Charles E. Myers
Larry Norton
Richard J. O'Reilly
Robert F. Ozols
Ira Pastan

William P. Peters
Herbert M. Pinedo
Philip A. Pizzo
William K. Plunkett
Jerome B. Posner
Derek Raghavan
Mark J. Ratain
John C. Reed
Ralph A. Reisfeld
Jerome Ritz
Jack A. Roth
Eric B. Rowinsky
Edward A. Sausville
Howard I. Scher
Richard L. Schilsky
Richard M. Simon
John F. Smyth
Jeffrey A. Sosman
Michael B. Sporn
Louise C. Strong
Masaaki Terada
Daniel D. Von Hoff
Raymond P. Warrell, Jr.
Jane Weeks
Ralph R. Weichselbaum
Theresa L. Whiteside
Leonard A. Zewelig

American Association for Cancer Research, Inc.
Executive Director and Director of Publications
Margaret Foti

Publications Staff
Associate Director of Publications
Mary Anne Menmite
Manager, Editorial Services
Heide M. Puszay
Staff Editors
Michael J. Beveridge
Kathleen C. Assenmacher
Pamela R. Arnold
Laura B. Baker
Ronald M. Vitale
Staff Assistant
Mary Ellen Purrin
Administrative Coordinator
Holly M. Haskins
Senior Editorial Assistant
Theresa A. Griffith
Editorial Assistants
Valerie L. Samuel
Andrea Conrad
Cecilia Gallo
Marketing Coordinator
Robert B. O'Malley
Administrative Staff
Director of Administration
Adam D. Blistein
Controller
Joan D. Ritchie
Coordinator, Financial Operations
George L. Moore
Manager, Meetings and Exhibits
Jeffrey M. Ruben
Meeting Planner
Carole E. Fiddler
Public Information Coordinator
Jenny Anne Horst-Martz
Assistant to the Executive Director
Ruth E. Fortson
Membership Development Coordinator
Robin E. Felder
Administrative Assistant
Margaret A. Pickels
Systems Specialist
Lydia L. Rodriguez
Secretary
Malika L. Wright
Editorial Assistant
Diana F. Certo
Office Clerk
James J. Waters
Data Entry Clerk
Robert A. Simms II

AACR Publications Department
Public Ledger Building, Suite 826
150 South Independence Mall West
Philadelphia, PA 19106-3483
Phone: (215) 440-9300; FAX: (215) 440-9354

Clinical Cancer Research is published monthly, one volume per year, by the American Association for Cancer Research, Inc. (AACR). Except for members of the AACR, all subscriptions are payable in advance to Clinical Cancer Research, P.O. Box 3000, Denvers, NJ 07834 (Telephone: (201) 627-3427; FAX: (201) 627-3872), to which all business communications, remittances (in United States currency or its equivalent), and subscription orders should be sent. In Japan, send orders and inquiries to (sales agents: USA CO Corporation, Tsutsumi Bldg., 13-12, Shimbashi 1-chome, Minato-ku, Tokyo 105, Japan; Tel: (03) 502-6471). Individuals who are not AACR members may subscribe to Volume 3 (1997) of Clinical Cancer Research at the rate of $105 US$135 foreign. Clinical Cancer Research is only available to institutions in a combined subscription with Cancer Research. The combined 1997 institutional subscription price of $685 US and $815 foreign includes $170 US and $210 foreign for a subscription to Clinical Cancer Research. Foreign subscription cost includes cost of surface mail. For faster delivery, expedited mailing rates are available by contacting the AACR Publications Department. Canadian subscribers should add 7% GST. Changes of address notification should be sent 60 days in advance and include both old and new addresses. Member subscriptions should send changes of address to: AACR Member Services, Public Ledger Bldg., Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483. Nonmember subscribers should send changes of address to: Clinical Cancer Research, P.O. Box 3000, Denvers, NJ 07834. Copies of the journal which are undeliverable because of address changes will be destroyed. Through the kind assistance of the Japanese Cancer Association, accelerated mailing of all AACR journals to AACR members in Japan is supported by a generous grant from the Banyu Pharmaceutical Company, Tokyo, Japan.
Notice to Members of the American Association for Cancer Research

Officers for 1997–1998
President: Donald S. Coffey, Johns Hopkins University School of Medicine, Baltimore, MD 21287-2101
President-Elect: Webster K. Cavenee, Ludwig Institute for Cancer Research, La Jolla, CA 92093-0660
Treasurer: Bayard D. Clarkson, Memorial Sloan-Kettering Cancer Center, New York, NY 10021
Executive Director: Margaret Foti, AACR, Public Ledger Bldg., Suite 826, Philadelphia, PA 19106-3483

Annual Dues
The annual dues of active members of the American Association for Cancer Research are $175, $50 of which may be applied to a subscription to Clinical Cancer Research. 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 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483; Telephone: (215) 440-9300; FAX: (215) 440-9313.

Submission of Manuscripts
Clinical Cancer Research, a journal of the American Association for Cancer Research, publishes original articles describing clinical research on the cellular and molecular characterization, prevention, diagnosis, and therapy of human cancer. Its focus is on innovative clinical research and translational research which bridges the laboratory and the clinic. Clinical Cancer Research is especially interested in clinical trials evaluating new treatments for cancer; research on molecular abnormalities that predict incidence, response to therapy, and outcome; and laboratory studies of new drugs and biological agents that will lead to clinical trials in patients. All submissions undergo peer review. Papers should be sent directly to an appropriate Senior Editor or to the Editor-in-Chief for review. See "Instructions for Authors" (page ii of this issue) for complete mailing addresses of the Editor-in-Chief and Senior Editors.

Back Issues and Single Copy Sales of the Journal
Copies of back stock of the journal may be ordered from Clinical Cancer Research, P.O. Box 3000, Denville, NJ 07834 [Telephone: (800) 875-2997 or (201) 627-2472; FAX: (201) 627-5872]. As long as supplies permit, single copies will be sold by this company at $25.00/copy. Orders outside the U.S. add $3/copy to offset postage costs.

Advertisements
Advertisement insertion orders and copy must be received one month prior to the date of issue in which the advertisement is to be published. The journal is mailed on approximately the 1st day of the month of issue. Inquiries about advertising should be directed to: M. J. Mrvica Associates, Inc., 155 South White Horse Pike, Berlin, NJ 08009 [Telephone: (609) 768-9360; FAX: (609) 753-0064].

Copyright and Permissions
Authors who wish to publish in Clinical Cancer Research must formally transfer copyright to the proprietor of the journal, the American Association for Cancer Research, Inc. It is understood by this transfer that the authors relinquish all exclusive rights of copyright ownership, including the rights of reproduction, derivation, distribution, sale, and display.

Authors who prepared their articles as part of their official duties as employees of the U.S. Federal Government are not required to transfer copyright to the American Association for Cancer Research, Inc., since these articles are considered to be in the public domain. In the case of articles supported by federal grants or contracts, copyright transfer to the American Association for Cancer Research, Inc., is required. The federal government may retain a nonexclusive license to publish or republish such material.

The Journal will routinely allow authors (or others with the permission of the authors) to include select parts of a copyrighted article in reviews, books, or subsequent papers, upon written request to the AACR Director of Publications. Requests to reproduce an article in its entirety will be considered on an individual basis and permission may be granted contingent upon payment of an appropriate copyright fee. All reproduction requests must include a brief description of intended use and a stamped, self-addressed envelope. Third parties should obtain the approval of the authors before corresponding with the AACR.

Those who wish to photocopy articles should contact the AACR Publications Department [Telephone: (215) 440-9300; FAX: (215) 440-9354].

No responsibility is accepted by the Editors, by the American Association for Cancer Research, Inc., or by Cadmus Journal Services for the opinions expressed by contributors or for the content of the advertisements.

Clinical Cancer Research is abstracted and/or indexed in Cancer Lit, Chemical Abstracts, and Current Contents (Clinical Medicine).

Clinical Cancer Research (ISSN 1078-0432) is published monthly by the American Association for Cancer Research, Inc., Public Ledger Bldg., Suite 826, 150 South Independence Mall West, Philadelphia, PA 19106-3483 for $50 annually for members and $105 for individual nonmembers. Clinical Cancer Research is only available to institutions as a combined subscription with Cancer Research. The combined 1997 institutional subscription price of $685 includes $170 for a subscription to Clinical Cancer Research. Periodicals postage paid at Philadelphia, PA and additional mailing offices. POSTMASTER: Send address changes to Clinical Cancer Research, P.O. Box 3000, Denville, NJ 07834. Copyright 1997 by the American Association for Cancer Research, Inc. Printed on acid-free paper in the U.S.A.
EUROPEAN JOURNAL OF CANCER

European Journal of Cancer is the one outstanding pan-European, multi-disciplinary journal covering all aspects of cancer.

- Original Research, Editorial Comment, Review Articles, Short Communications, Book Reviews, News & Letters on:
  - Experimental Oncology
  - Clinical Oncology (medical, paediatric, surgical & radiation)
  - Cancer epidemiology and Prevention.

Editor in Chief
Professor Hans-Jörg Senn, Interdisciplinary Oncology Centre, Kantonsspital, St. Gallen, Switzerland.

European Journal of Cancer is affiliated to:

FECS- Federation of European Cancer Societies- ESTRO, SIOP, ESSO, ESMO & EONS
EORTC- European Organisation for Research and Treatment in Cancer
ESO- European School of Cancer
EACR-European Association for Cancer Research.

Keep Informed and up to date- take out a subscription NOW
Send for a sample copy.

Mr/Ms/Dr/Prof First name Surname
Position
Organisation
Department
Address
Post/ Zip Code
Country
E-mail/Internet No.

Return To: Elsevier Science Ltd, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK
Fax +44 (0) 1865 843952 Email: freesamples@elsevier.co.uk

CA7A11
AMERICAN CANCER SOCIETY
REQUEST FOR APPLICATIONS
HEALTH POLICY AND OUTCOMES
RESEARCH—PROSTATE CANCER

The American Cancer Society is earmarking $1.5 million for this grant cycle for Health Policy and Outcomes Research in Prostate Cancer. Application is open to independent investigators at any stage of their careers.

The next deadline is October 15, 1997. Subsequent deadlines will be April 1, 1998, and on those same dates through 1999. The grants will be for three years, up to $250,000 per year, including 25% indirect costs and will be renewable as long as this remains a targeted priority area. Please contact the grants administration or development office at your institution for a special RFA application form, or download it from http://www.cancer.org.

Questions concerning this RFA should be directed to Dr. Ralph Vogler at (404) 329-7542 or Dr. Frank Baker at (404) 329-7795.

AMERICAN CANCER SOCIETY
REQUEST FOR APPLICATIONS
BEHAVIORAL, PSYCHOSOCIAL,
QUALITY OF LIFE—PROSTATE CANCER

The American Cancer Society is earmarking $1.5 million for this grant cycle for Behavioral, Psychosocial, and Quality of Life Research relating to Prostate Cancer. Application is open to independent investigators at any stage of their careers.

The next deadline for these applications is October 15, 1997. Subsequent deadlines will be April 1, 1998, and on those same dates through 1999. The grants will be for three years, up to $250,000 per year, including 25% indirect costs, and will be renewable as long as this remains a targeted priority area. Please contact the grants administration or development office at your institution for a special RFA application form, or download it from http://www.cancer.org.

Questions concerning this Request for Applications should be directed to Dr. Ralph Vogler (404) 329-7542 or Dr. Frank Baker (404) 329-7795.

Hit our Home Page on the World Wide Web!

http://www.aacr.org

Our web site features:

AACR scientific meeting schedule

Table of Contents of AACR journals

Instructions for Authors

Information about AACR Research Fellowships and Travel Awards

Plus . . . The latest AACR newsletter, and much more!