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# Cancer Research

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*First Joint Conference of the  
American Association for Cancer Research  
and the European Association for Cancer Research,  
Santa Margherita, Italy, November 6-9, 1991*

**50**  
Years of Publication

AACR SPECIAL CONFERENCE IN CANCER RESEARCH

# Negative Controls on Cell Growth and Their Breakdown during the Pathogenesis of Cancer

October 20-24, 1991  
Chatham Bars Inn, Chatham (Cape Cod), Massachusetts

## CONFERENCE CHAIRPERSON

**Robert A. Weinberg** / Cambridge, MA

## PROGRAM COMMITTEE

**David M. Livingston** / Boston, MA

**Arnold J. Levine** / Princeton, NJ

**Eric J. Stanbridge** / Irvine, CA

## SCIENTIFIC PROGRAM

### Keynote Address

**Alfred G. Knudson, Jr.** / Philadelphia, PA

### Senescence and Programmed Cell Death

**Gretchen H. Stein** / Boulder, CO

**Olivia M. Pereira-Smith** / Houston, TX

**Michael O. Hengartner** / Cambridge, MA

**Andrew H. Wyllie** / Edinburgh, Scotland

### Extracellular Space and Negative Regulation of Growth

**Erkki Ruoslahti** / La Jolla, CA

**Noel P. Bouck** / Chicago, IL

**Judah Folkman** / Boston, MA

Additional Speaker to be Announced

### Regulators of Senescence and Differentiation

**Andrew B. Lassar** / Boston, MA

**Hartmut Beug** / Vienna, Austria

**William Sugden** / Madison, WI

**Stanley J. Korsmeyer** / St. Louis, MO

### Regulation of the Cell Cycle

**Ira Herskowitz** / San Francisco, CA

**David H. Beach** / Cold Spring Harbor, NY

**Edward Harlow** / Charlestown, MA

**Steven I. Reed** / La Jolla, CA

### Negative Regulators in Human Cancer

**Frank P. McCormick** / Emeryville, CA

**David E. Housman** / Cambridge, MA

**Arnold J. Levine** / Princeton, NJ

**Kenneth W. Kinzler** / Baltimore, MD

### Transcription and Growth Regulation

**Robert N. Eisenman** / Seattle, WA

**David M. Livingston** / Boston, MA

**Harold L. Moses** / Nashville, TN

**Ronald M. Evans** / San Diego, CA

### Looking for New Tumor Suppressor Genes

**Eric J. Stanbridge** / Irvine, CA

**Webster K. Cavenee** / Montreal, Canada

**Bernd R. Seizinger** / Boston, MA

**John D. Minna** / Bethesda, MD

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### Information and Application Forms

American Association for Cancer Research

Public Ledger Building, Suite 816

Sixth and Chestnut Streets

Philadelphia, PA 19106

215-440-9300

215-440-9313 (FAX)

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**Application Deadline: July 1, 1991**



# EACR-XI

The Eleventh Biennial Meeting of the  
European Association for Cancer Research

Genoa, Italy  
November 3-6, 1991

*EACR-XI, the Eleventh official meeting of the European Association for Cancer Research, gathers together the most accomplished European and extra-European scientists in order to assess the most timely and promising findings and developments in the multidisciplinary field of basic cancer research. Plenary Lectures on fundamental issues followed by Parallel Symposia on related topics will provide the forum for engaging discussion and reflection.*

Issues and Speakers to include:

*Mühlbock Memorial Lecture:* **Olav Hilmar Iversen**, Oslo

*Special Guest Lecture:* **Paolo Fasella**, Brussels

### ***Plenary Lectures and Speakers***

*Immunodeficiency and Cancer Risk* - **Luigi Chieco Bianchi**, Padua  
*New Biotechnologies in Cancer Immunotherapy* - **Antonio Lanzavecchia**, Basel  
*Rational Design of Sequence-specific Oncogene Inhibitors* - **Claude Hélène**, Paris  
*Tumor Suppressor Genes and Their Mode of Action* - **George Klein**, Stockholm  
*Hormones and Control of Gene Expression* - **Miguel Beato**, Marburg

### ***Parallel Symposia and Chairmen***

*Effector Cells against Cancer* - **Hans Wigzell**, Stockholm  
*Biology of Melanomas* - **Gert Riethmüller**, Munich  
*Cytogenetics of Solid Tumors* - **Avery Sandberg**, Scottsdale  
*Biology of Tumor Invasion and Metastasis* - **Volker Schirmacher**, Heidelberg  
*Molecular Basis of Drug Resistance* - **Bridget Hill**, London  
*Environmental Carcinogens and their Relevance to Humans* - **Benedetto Terracini**, Turin  
*Tumor Drug Delivery* - **Siegfried Matzku**, Darmstadt  
*Cancer Risk Assessment* - **Sandro Grilli**, Bologna  
*Transgenic Mice as Tools for the Analysis of Multistage Carcinogenesis* - **Allan Balmain**, Glasgow  
*Gene Alterations in Human Cancer Cells* - **Paolo Comoglio**, Turin  
*New Approaches to Cancer Diagnosis and Management* - **Jo Hilgers**, Amsterdam  
*Papilloma Viruses and Human Cancer* - **Harald zur Hausen**, Heidelberg

In addition to regular poster display sessions, each Parallel Symposium will close with an hour long session dedicated to the special oral presentation of four Chairman selected posters dealing with relative subject matter. Interested participants are invited to submit poster abstracts on Symposium related topics.

All abstracts will be published in a Supplement of the **European Journal of Cancer**.

Deadline for abstract submission is June 30th, 1991.

For information and appropriate registration/abstract forms, contact the EACR-XI Secretariat:



**Istituto Nazionale per la Ricerca sul Cancro**

Ufficio Rapporti Internazionali

Viale Benedetto XV, n.10 - 16132 Genova ITALIA - Tel: +39/10/35 28 27 - Fax: +39/10/35 28 88

# Concepts and Molecular Mechanisms of Multistage Carcinogenesis

First Joint Conference of the American Association for Cancer Research  
and the European Association for Cancer Research  
immediately following EACR-XI in Genoa

*Additional Support from the Istituto Nazionale per la Ricerca sul Cancro*

Grand Hotel Miramare, Santa Margherita, Italy  
November 6-9, 1991

## SCIENTIFIC PROGRAM COMMITTEE

### AACR

I. BERNARD WEINSTEIN / New York, USA (Co-Chairperson)  
ARTHUR P. GROLLMAN / Stony Brook, USA  
HAROLD L. MOSES / Nashville, USA

### EACR

PETER BANNASCH / Heidelberg, Germany (Co-Chairperson)  
ALLAN BALMAIN / Glasgow, Scotland  
JAN SVOBODA / Prague, Czechoslovakia

## LOCAL ORGANIZING COMMITTEE

LEONARDO SANTI / Genoa, Italy (Chairperson)  
MARIA COLNAGHI / Milan, Italy  
MARGARET FOTI / Philadelphia, USA  
CLAUDIO LOMBARDO / Genoa, Italy  
MARCEL ROBERFROID / Brussels, Belgium

## SCIENTIFIC PROGRAM

### Welcoming Remarks

LEONARDO SANTI / Genoa, Italy

### Opening Address

PETER BANNASCH / Heidelberg, Germany

### Epidemiological and Experimental Evidence for the Multistage Process

HENRY C. PITOT / Madison, USA  
ERICH HECKER / Heidelberg, Germany  
FRANCO MERLETTI / Turin, Italy  
FRIEDRICH MARKS / Heidelberg, Germany  
FRANCIS V. CHISARI / La Jolla, USA

### APPLICATION FORMS

#### (North and South America)

American Association for Cancer Research  
Public Ledger Building, Suite 816  
Sixth and Chestnut Streets  
Philadelphia, PA 19106, USA  
215-440-9300 215-440-9313 (FAX)

#### (Outside the Americas)

Italiana Congressi  
Via Bensa 2  
16124 Genoa, ITALY  
10-202541 10-299382 (FAX)

### DNA Replication, Damage, and Repair

MARCEL ROBERFROID / Brussels, Belgium  
DEZIDER GRUNBERGER / New York, USA  
HARTMUT M. RABES / Munich, Germany  
ARTHUR P. GROLLMAN / Stony Brook, USA  
PHILIP C. HANAWALT / Stanford, USA  
TOMAS LINDAHL / Herts, England  
SARASWATI SUKUMAR / San Diego, USA

### Multiple Genetic Changes during Tumor Development

LANCE A. LIOTTA / Bethesda, USA  
JAN SVOBODA / Prague, Czechoslovakia  
ALLAN BALMAIN / Glasgow, Scotland  
ANTON BERNIS / Amsterdam, The Netherlands  
TERRY H. RABBITTS / Cambridge, England  
WEBSTER K. CAVENEE / Montreal, Canada

### Genetic Aspects of Tumor Suppression

GEORGE KLEIN / Stockholm, Sweden  
ERIC J. STANBRIDGE / Irvine, USA  
MARY WEISS / Paris, France  
DAVID P. LANE / Herts, England  
NICHOLAS HASTIE / Edinburgh, Scotland  
EDWARD HARLOW / Charlestown, USA

### Growth Factors and Signal Transduction

HAROLD L. MOSES / Nashville, USA  
GIUSEPPE DELLA PORTA / Milan, Italy  
CHRISTOPHER J. MARSHALL / London, England  
CARL-HENRIK HELDIN / Uppsala, Sweden  
RIK DERYNCK / South San Francisco, USA

### Overview and Future Directions

I. BERNARD WEINSTEIN / New York, USA



*The AACR and EACR invite the international  
community of cancer researchers to submit  
applications for this exciting conference  
by August 15, 1991.*

*Abstracts for consideration for poster presentation also due by August 15, 1991.*

*A limited number of travel grants for graduate and medical students,  
postdoctoral fellows, and physicians in training will be available.*

# COVER LEGEND

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The first conference jointly organized by the American Association for Cancer Research (AACR) and the European Association for Cancer Research (EACR) will take place November 6-9, 1991, in Santa Margherita Ligure on the Italian Riviera. Santa Margherita is only 40 kilometers from Genoa, where the EACR's Eleventh Congress will be held on November 3-6, 1991. The dates of the joint Conference were selected to enable investigators to attend both of these stimulating meetings. For many years AACR and EACR have exchanged representatives and have cooperated in each other's activities. With the Santa Margherita Joint Conference the two societies are entering into a new area of collaboration which we hope will continue and will facilitate international scientific exchange.

The Presidents of AACR and EACR, respectively, I. Bernard Weinstein, Director of the Columbia University Comprehensive Cancer Center, New York, NY; and Peter Bannasch, Professor and Division Head at

the German Cancer Research Center, Heidelberg, Germany, are serving as co-chairpersons of the Conference, entitled "Concepts and Molecular Mechanisms of Multistage Carcinogenesis." Other members of the Program Committee are (for the AACR) Arthur P. Grollman of the State University of New York, Stony Brook, NY, and Harold P. Moses of the Vanderbilt University School of Medicine, Nashville, TN; and (for the EACR) Allan Balmain of the Beatson Institute for Cancer Research, Glasgow, Scotland, and Jan Svoboda of the Institute for Molecular Genetics, Prague, Czechoslovakia. They have organized a program that will bring together investigators from epidemiology, experimental carcinogenesis, virology, cell biology, and molecular genetics to discuss the exciting findings at the cellular and molecular levels that are providing profound new insights into the process of multistage carcinogenesis. Topics to be covered are: epidemiological and experimental evidence for the multistage process; DNA replication, damage, and repair; multiple genetic changes during tumor development; genetic aspects of tumor suppression; and growth factors and signal transduction. Two poster sessions containing proffered talks will also be held during the Conference.

The planning of this Conference in Europe is possible because of the extraordinary assistance of the Local Organizing Committee chaired by Leonardo Santi, Scientific Director of the IST-National Institute for Research on Cancer, Genoa, Italy. Serving with Dr. Santi on the Committee are Maria Colnaghi, National Tumor Institute, Milan Italy; Claudio Lombardo, IST-National Institute for Research on Cancer, Genoa, Italy; and Marcel Roberfroid, Catholic University of Louvain, Brussels, Belgium.

The cover design is a new logo to be used in connection with all collaborations between the AACR and EACR. The two societies welcome investigators all over the world to attend this exciting Conference. Membership in either society is not required for registration. For further information, see the Conference ad in the front of this issue.