

The AACR

Making an Impact on Cancer

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President, AACR

Head, Division of Cancer Medicine

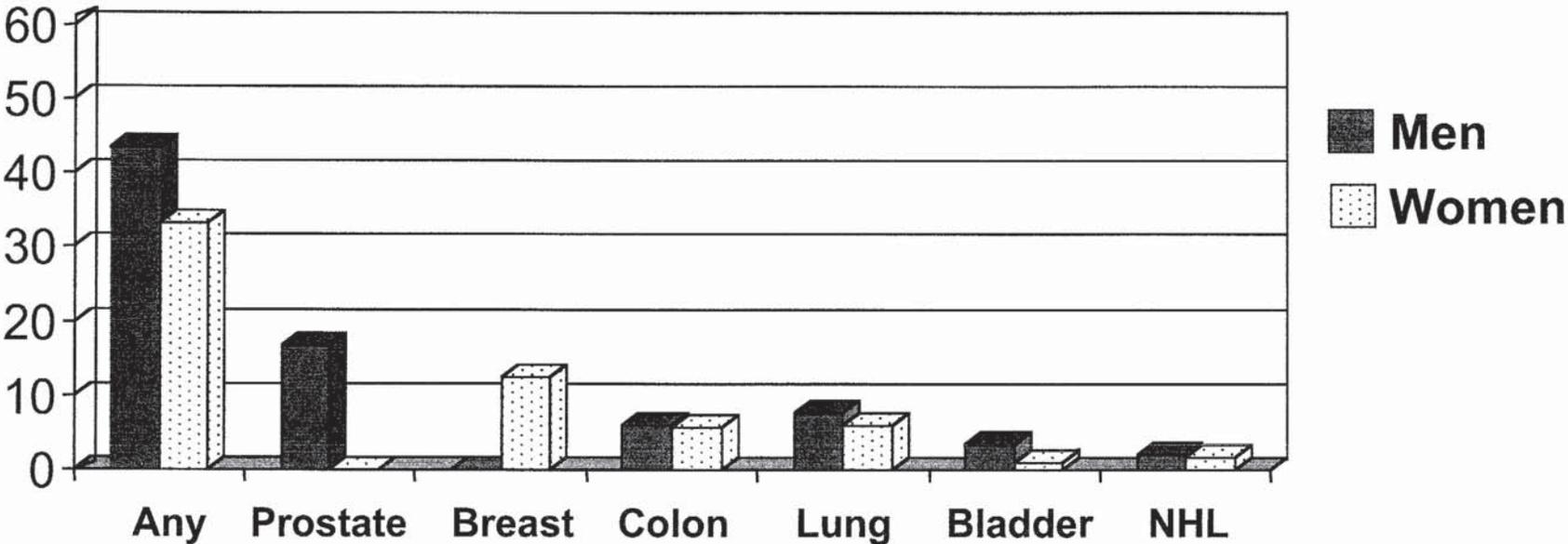
The University of Texas M.D. Anderson Cancer Center

National Cancer Advisory Board Meeting
Bethesda, Maryland
20 February 2002

The American Association for Cancer Research

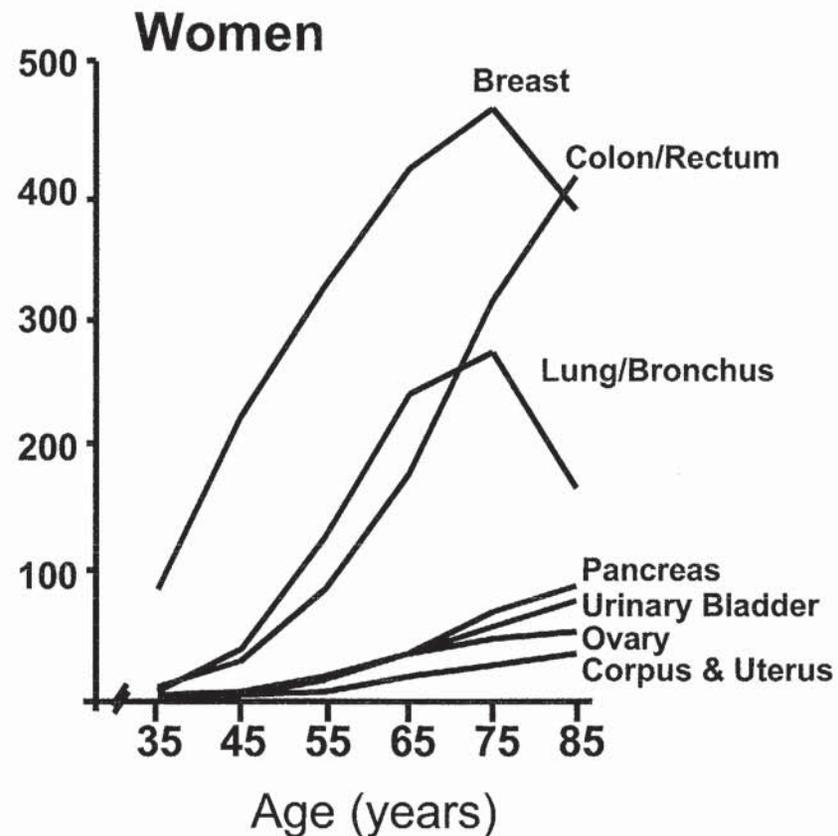
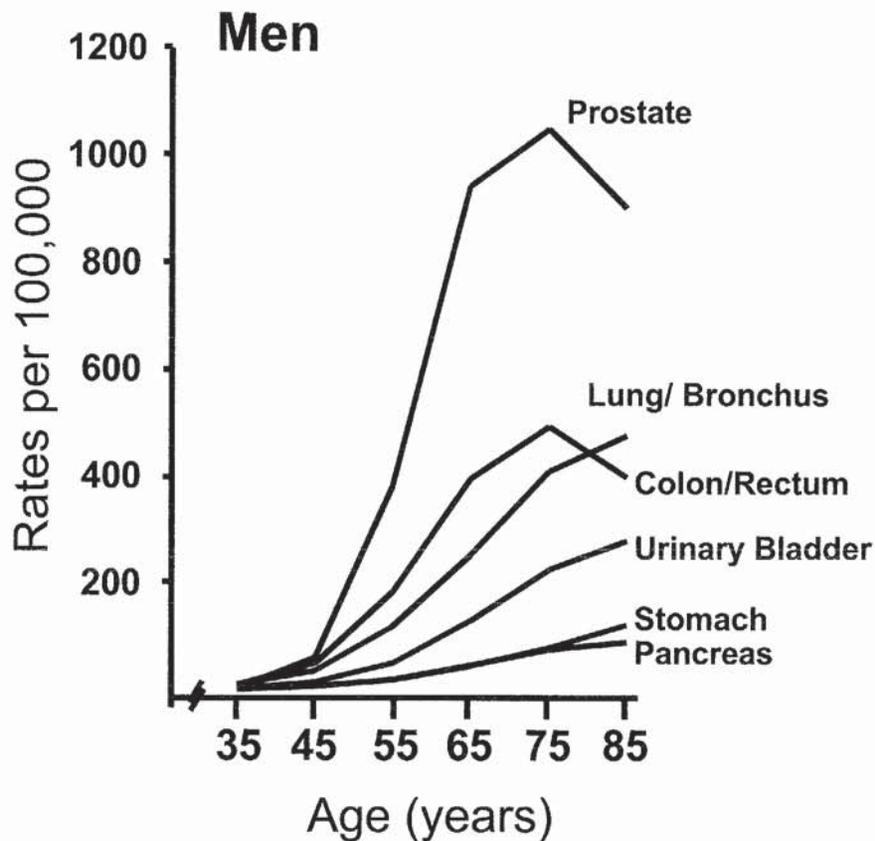
- Established in 1907; oldest and largest scientific society devoted to cancer research
- Over 18,000 members from 60 countries; clinical researchers, laboratory scientists, related health professionals
- Proactive approaches to address needs of the cancer field

Lifetime Probability of Developing Cancer



CA Cancer J Clin 2002

Aging and Cancer



Compiled from SEER Cancer Statistics Review

The Cost of Cancer in America

- 1,284,900 new cancer cases in 2002
- 555,500 cancer deaths in 2002
- Financial cost: \$157 billion in 2001

Eliminating cancer deaths = \$47 trillion

Eliminating 0.1% cancer deaths = \$50 billion

The Cost of Cancer in America

If you think research is expensive, try disease.

Mary Lasker (1901-1994)

The AACR Mission

To prevent and cure cancer through

Research

Education

Communication

Collaboration

AACR Worldwide Objectives

- Foster research in cancer and biomedical sciences
- Promote education and training
- Communicate new research findings
- Public education about cancer
- Advocate for cancer research funding
- Establish partnerships to advance cancer research

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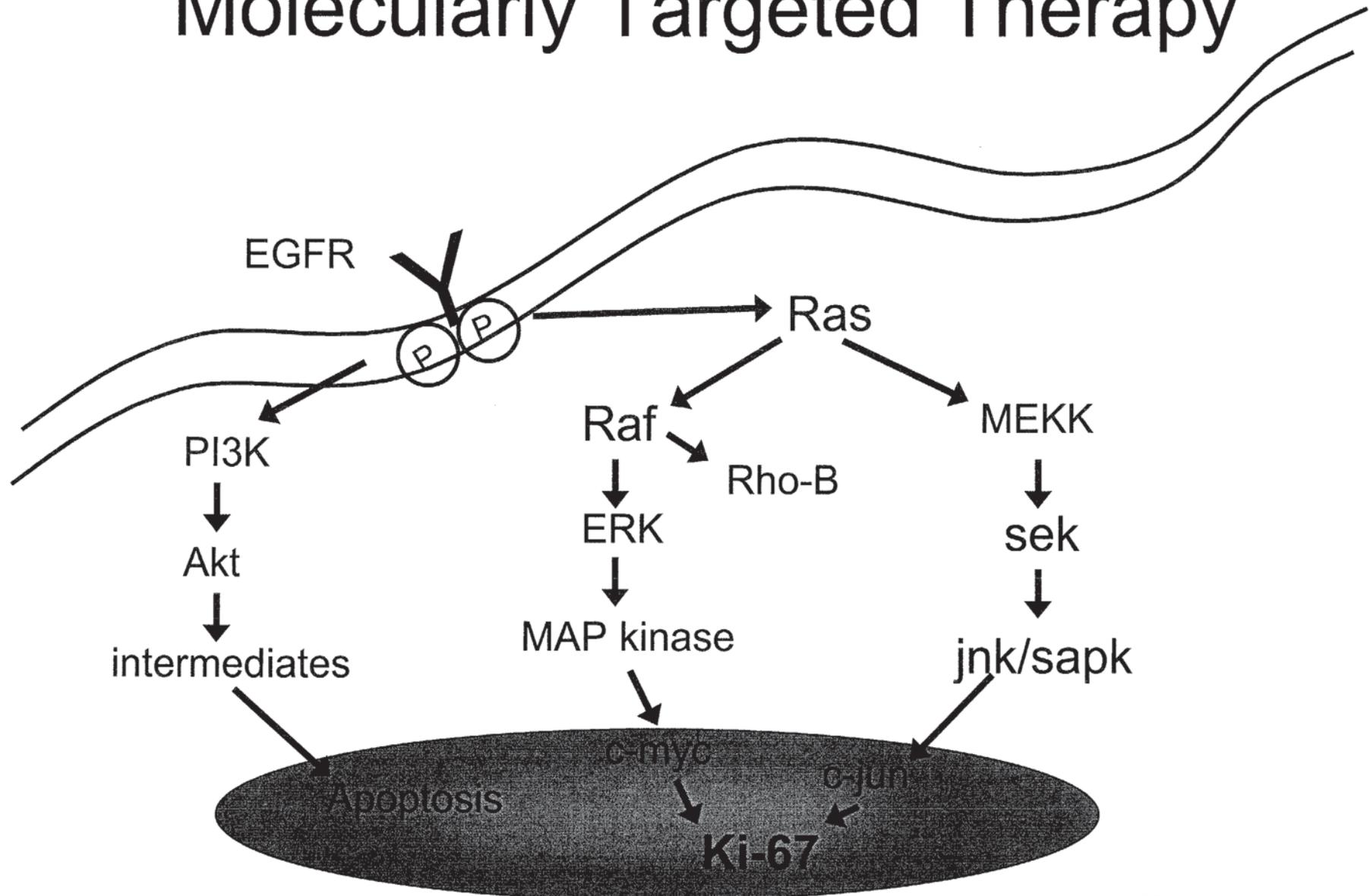
Communication

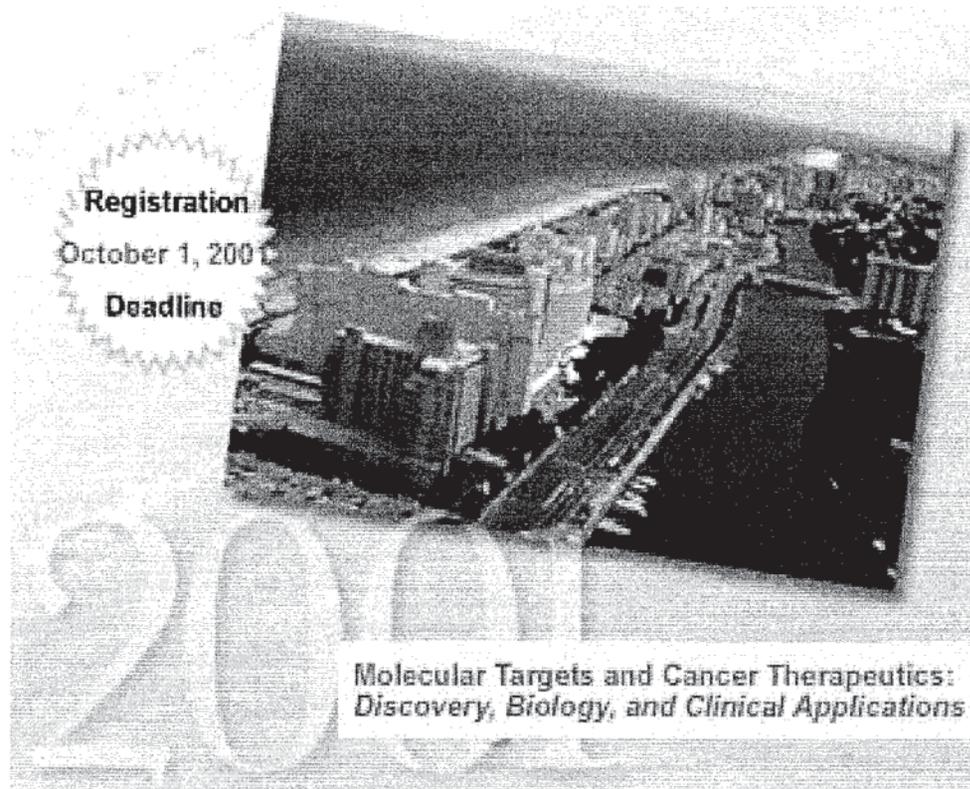
Collaboration

Cutting-Edge Basic, Translational and Clinical Research

- Oncogenomics
- Pharmacogenomics
- Molecular Imaging
- Molecular Targets for Prevention and Treatment
- Genes and the Environment
- New Drug Development
- Translational Bioinformatics

Molecularly Targeted Therapy





Molecular Targets and Cancer Therapeutics: Discovery, Biology and Clinical Applications

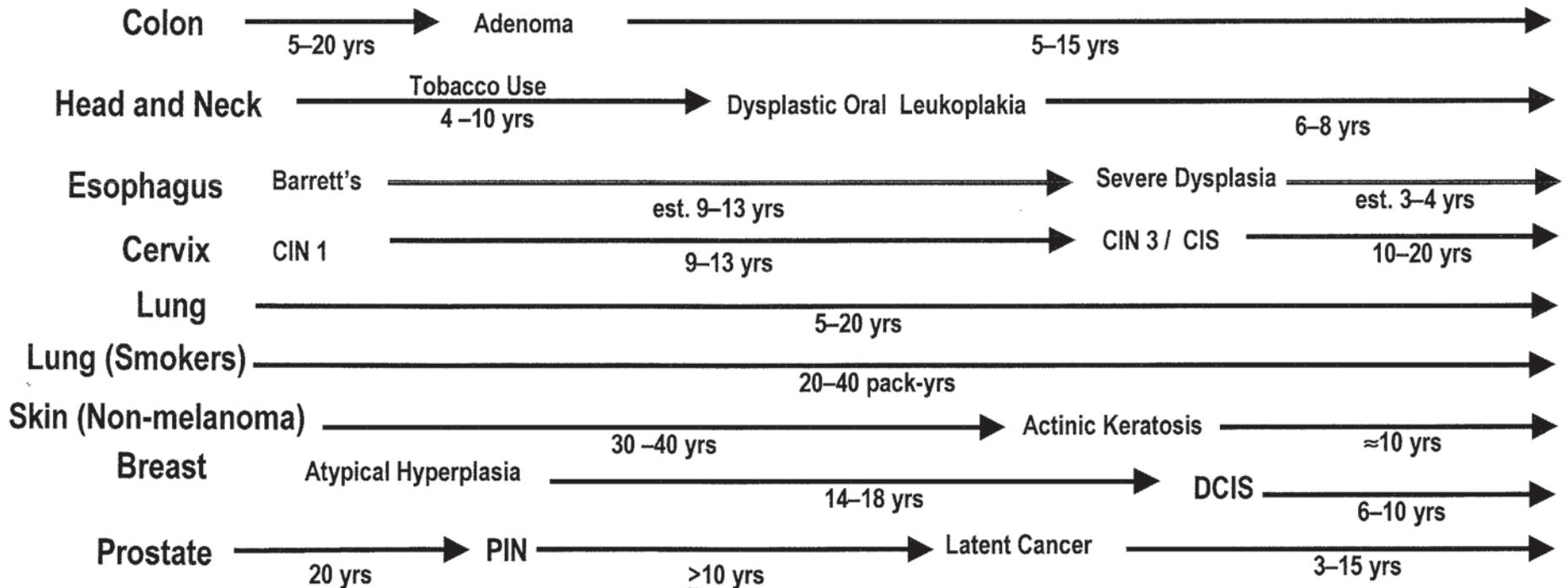
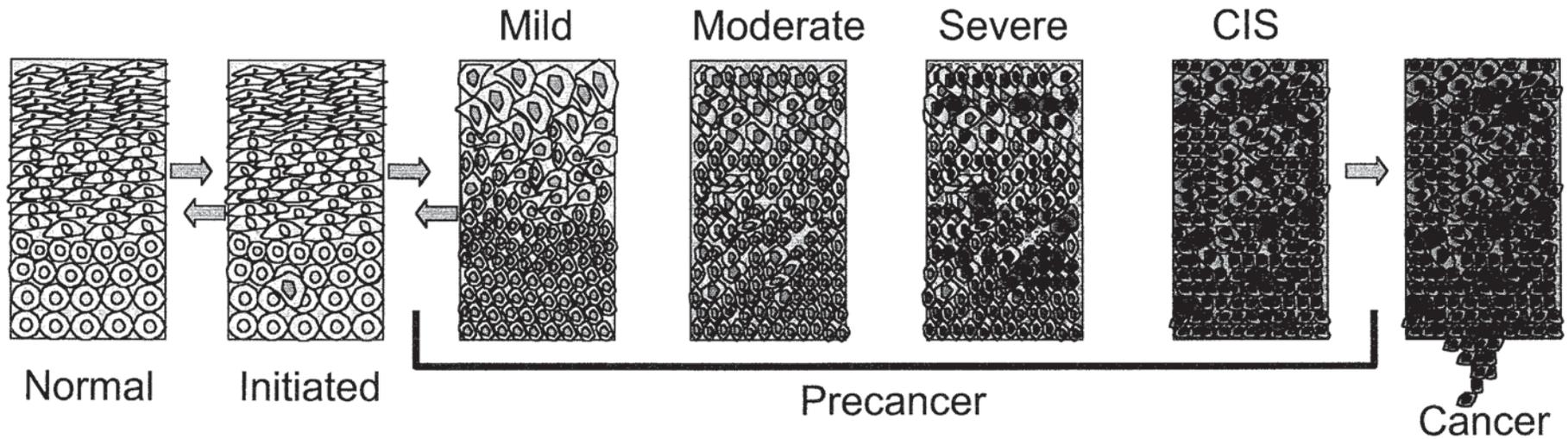
29 October - 2 November 2001
Fontainebleau Hilton Hotel
Miami Beach, Florida

Chairs: Carlos L. Arteaga, Edward A. Sausville, Jaap Verweij

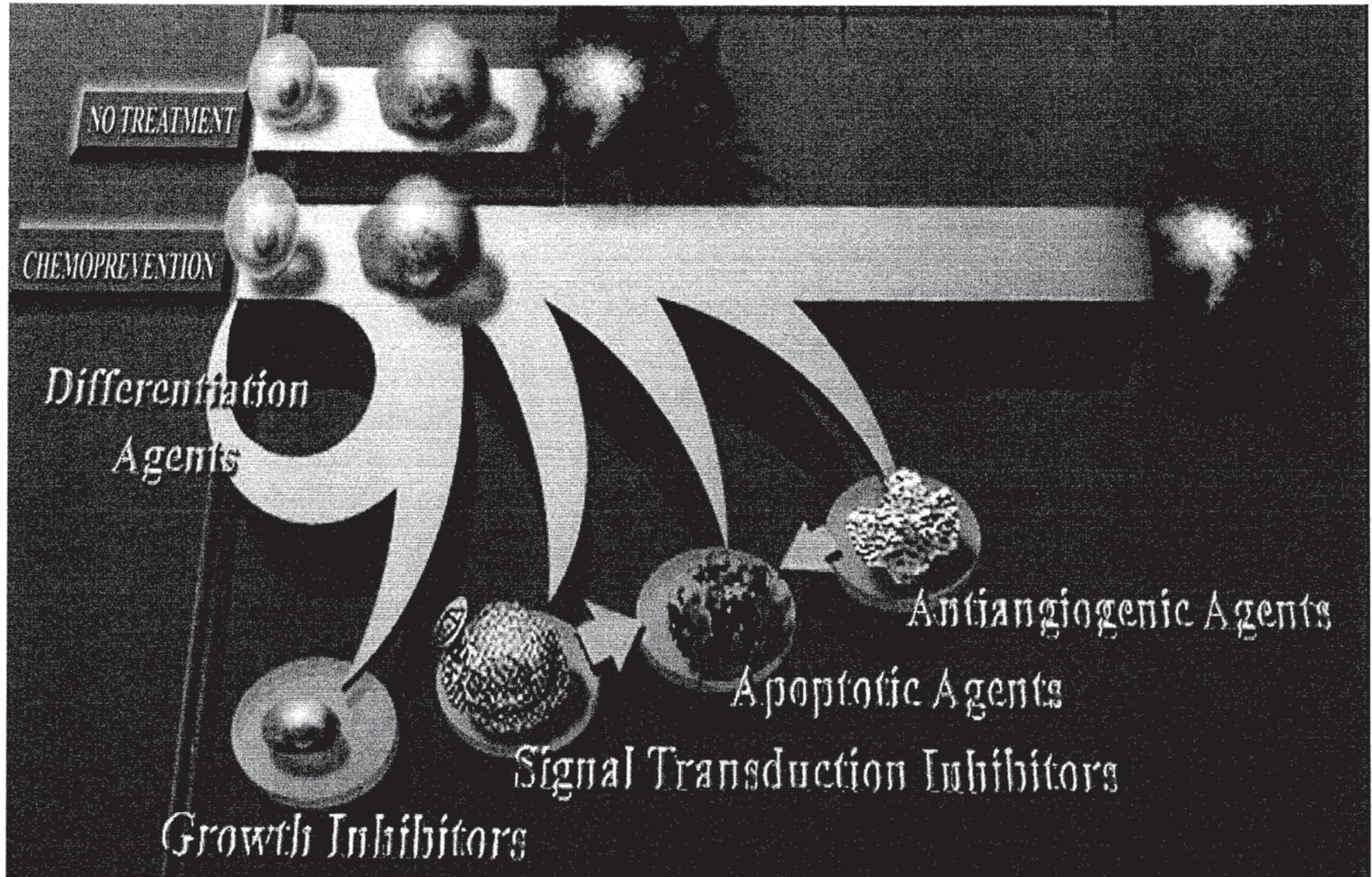
Annual Event in US and Europe

Sponsored by AACR, NCI and EORTC

Intraepithelial Neoplasia



Detouring Carcinogenesis *via Molecularly Targeted Pathways*



Treatment and Prevention of Intraepithelial Neoplasia: An Important Target for Accelerated New Agent Development

Recommendations of the AACR Research Task Force on the Treatment and Prevention of Intraepithelial Neoplasia

Joyce A. O'Shaughnessy, Gary J. Kelloff, Gary B. Gordon, Waun Ki Hong, Carol J. Fabian, Caroline C. Sigman, Monica M. Bertagnolli, Steven P. Stratton, Stephen Lam, William G. Nelson, Frank L. Meyskens, Davis S. Alberts, Michele Follen, Anil K. Rustgi, Vali Papadimitrakopoulou, Peter T. Scardino, Adi F. Gazdar, Lee W. Wattenberg, Michael B. Sporn, Wael A. Sakr, Scott M. Lippman and Daniel D. Von Hoff

Clinical Cancer Research 8: 314-346, February 2002



Frontiers in Cancer Prevention Research:

Genetics, Risk Modeling,
Molecular Targets, Behavioral
Science and Clinical Applications

October 13 - 17, 2002
Sheraton Boston
Boston, Massachusetts

Chair: Waun Ki Hong

Co-Chairs: Raymond DuBois, Brian Henderson, Caryn Lerman, Scott Lippman

Initiatives to Ensure Scientific Excellence and Balance

- 2002 Scientific Retreat (Boston, MA)
- Standing scientific committees
- Task forces and think tanks
- Scientific working groups
 - ◆ Molecular Epidemiology
 - ◆ Cancer Prevention
 - ◆ Clinical and Translational Research
 - ◆ Cancer Chemistry and Drug Development
 - ◆ Others as desired by AACR membership

AACR Scientific Retreat

New Frontiers in Cancer Research

11-12 February 2002 • Boston, MA

Phillip A. Sharp, Chair

Basic Science

Leland Hartwell, Co-Chair
Stanley Korsmeyer, Co-Chair
Sara Courtneidge
Charles Sherr
Jeffrey Trent

Epidemiology and Prevention

John Potter, Chair
Pelayo Correa
Raymond DuBois
David Hunter
Bernard Levin
Thomas Sellers

Translational Research

O. Michael Colvin, Chair
William N. Hait
Lee M. Nadler
Drew M. Pardoll

Clinical Research

Karen Antman, Chair
Frederick Appelbaum
Anna Barker
Alexander Eggermont
Joseph Simone
Peter Thall

AACR Officers

Waun Ki Hong, President
Tom Curran, Past President
Susan Band Horwitz, President-Elect
Bayard Clarkson, Treasurer
Margaret Foti, CEO

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Professional Development and Education Programs

Professional development programs for

- Women in Cancer Research
- Minorities in Science

Career Development for Young Investigators

Public Education Program

Scientist - Survivor Program

Recognizing and Fostering Highest Quality Research

- Scientific awards and lectureships
- Named research professorships
- Scholar awards for investigators in training
- Career development awards
- Research fellowships

Educational Workshops

- AACR-ASCO Workshop: Methods in Clinical Cancer Research (Vail, Colorado USA)
- FECS-AACR-ASCO Workshop: Methods in Clinical Cancer Research (Europe)
- AACR Workshop: Molecular Biology in Clinical Oncology (Aspen, Colorado USA)
- AACR Workshop: Histopathology of Cancer (Keystone, Colorado USA)
- Others in Development

AACR Public Education Program

- Up-to-date cancer information
- AACR Public Forum and Ask-the-Experts Sessions
- Collaborations with advocacy and survivor groups
- Scientist - Survivor Program
- Science Policy and Legislative Affairs Committee
- Position statements on research and public health policy
- Interactions with national and international media

AACR Scientist - Survivor Program

- Links survivors and advocates with scientists
- Individualized cancer research information for survivors and advocates
- Educates scientists and clinicians on perspectives of survivors and advocates
- Understanding and long-term relationships

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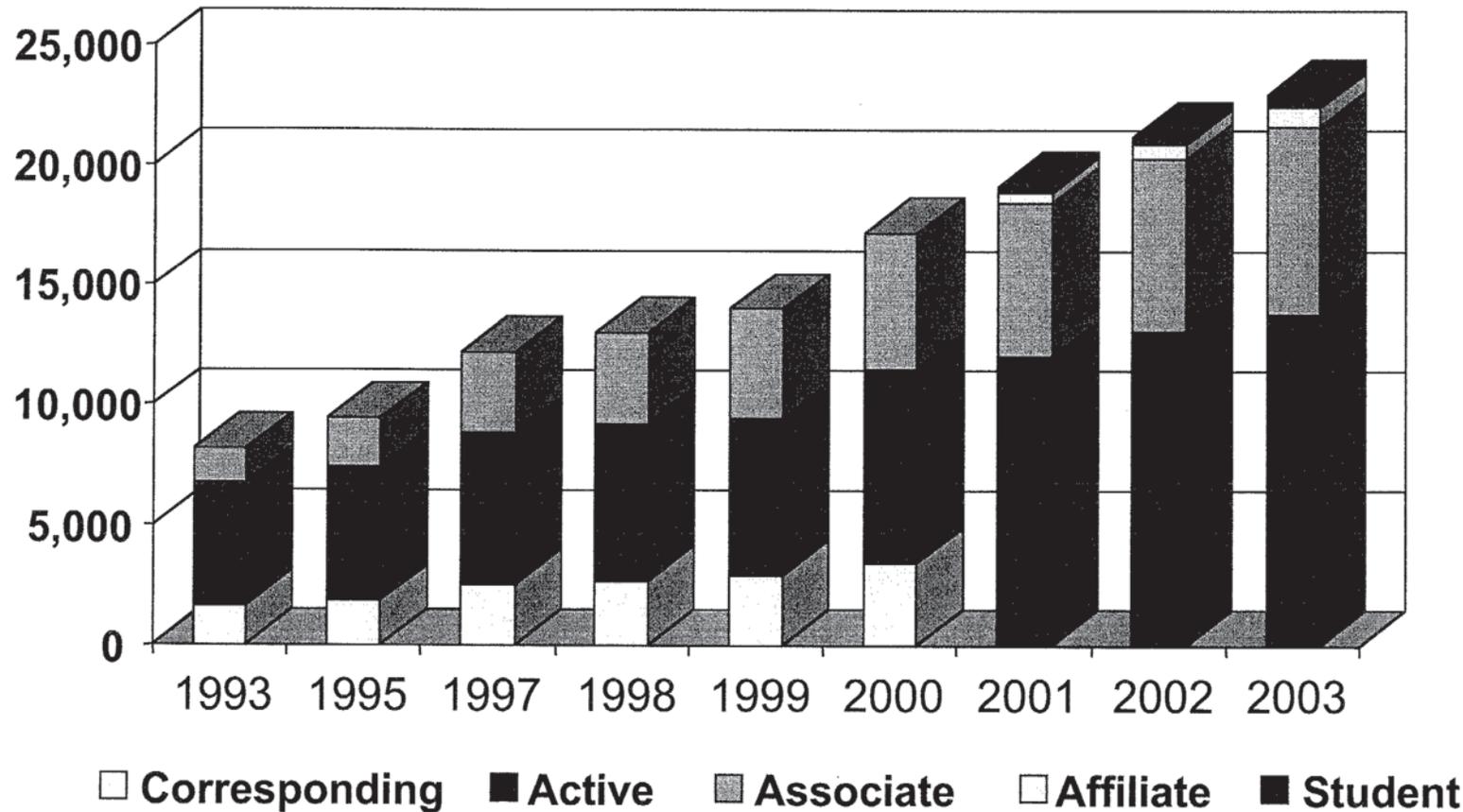
Research

Education

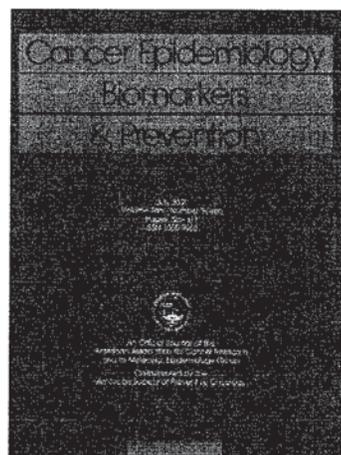
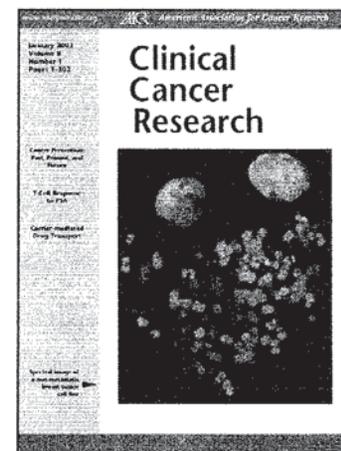
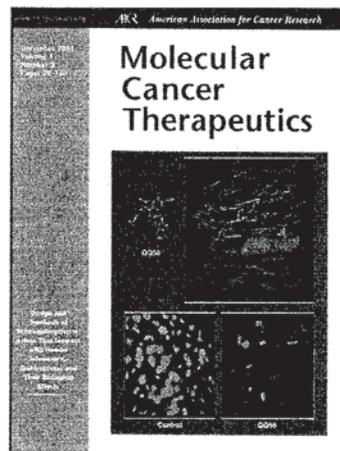
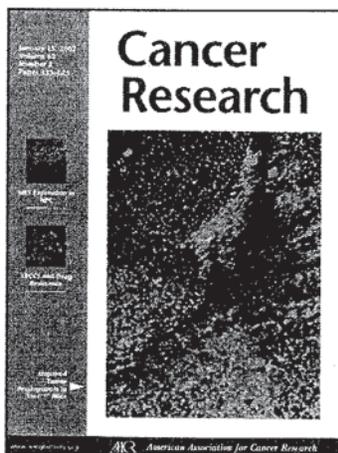
Communication

Collaboration

AACR Membership Growth

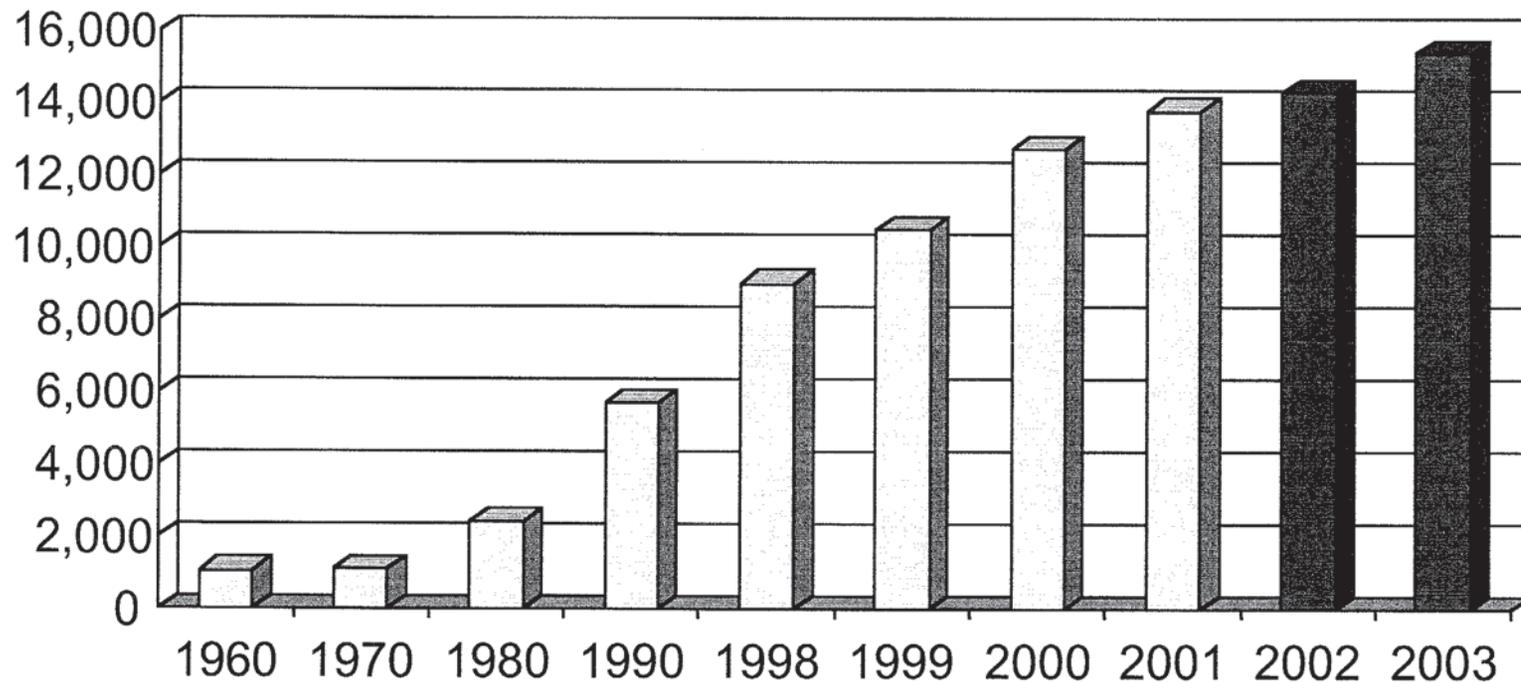


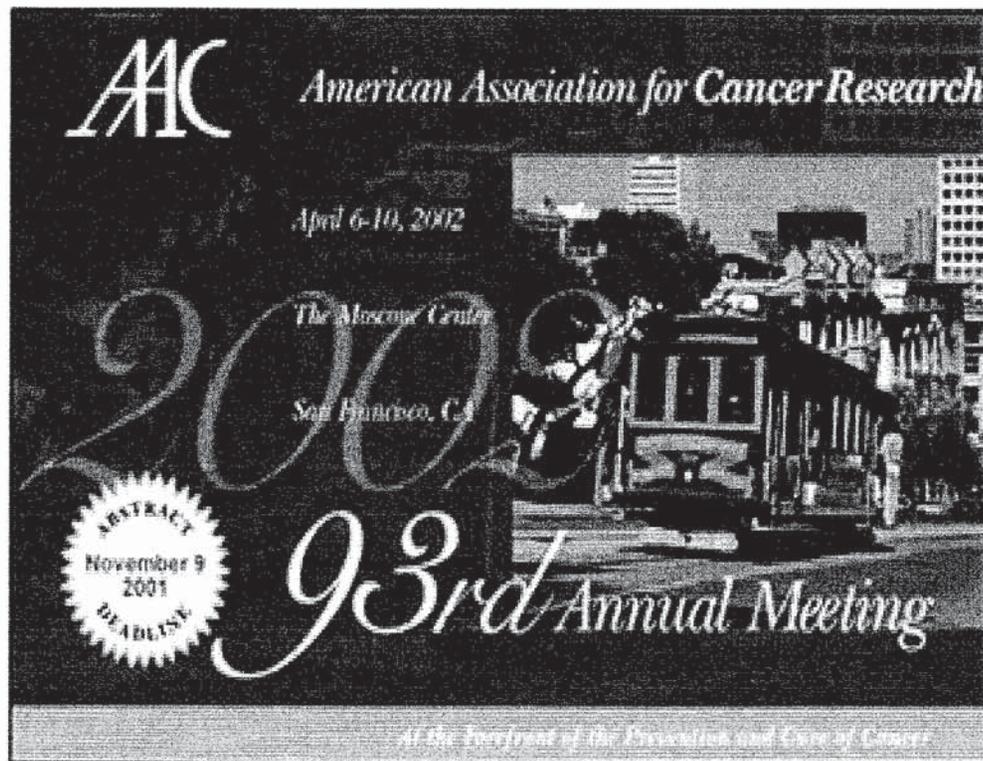
AACR Journals



Multidisciplinary Annual Meeting

Communicating highest quality research from across the world in all cancer areas--basic science, clinical and translational research, cancer prevention





93rd Annual AACR Meeting

April 6-10, 2002

The Moscone Convention Center
San Francisco, CA

Program Chair: Richard D. Kolodner

Co-Chairs: James Abbruzzese, Raymond DuBois, Frederica Perera,
Charles Sherr, David Sidransky, Geoffrey Wahl

Special Conferences and International Meetings

- Focused meetings on cutting-edge and emerging science
- Prestigious international faculty
- 8-10 meetings per year around the world; topics have included:
 - Gene regulation and oncogenesis
 - Molecular biology and new therapeutic strategies
 - Oncogenomics
 - Mouse models of cancer

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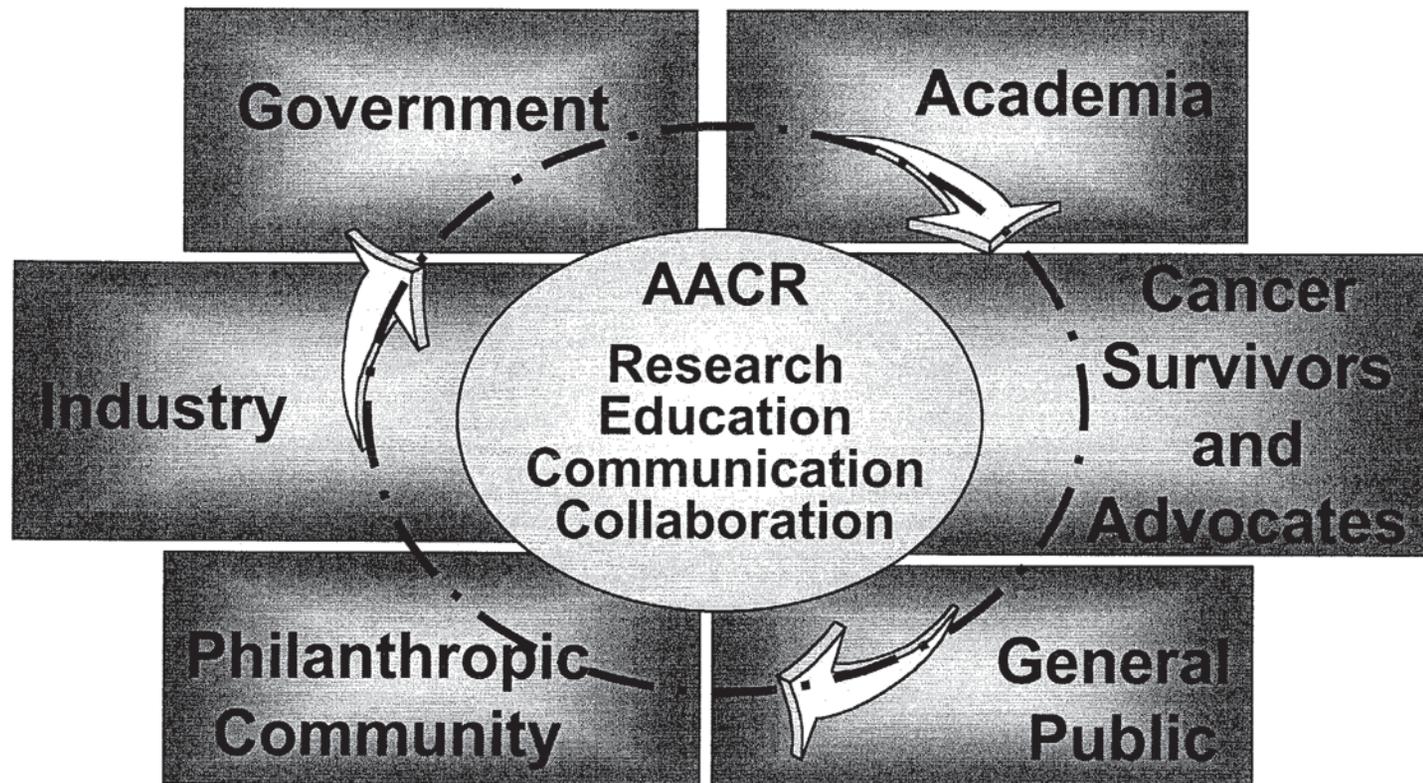
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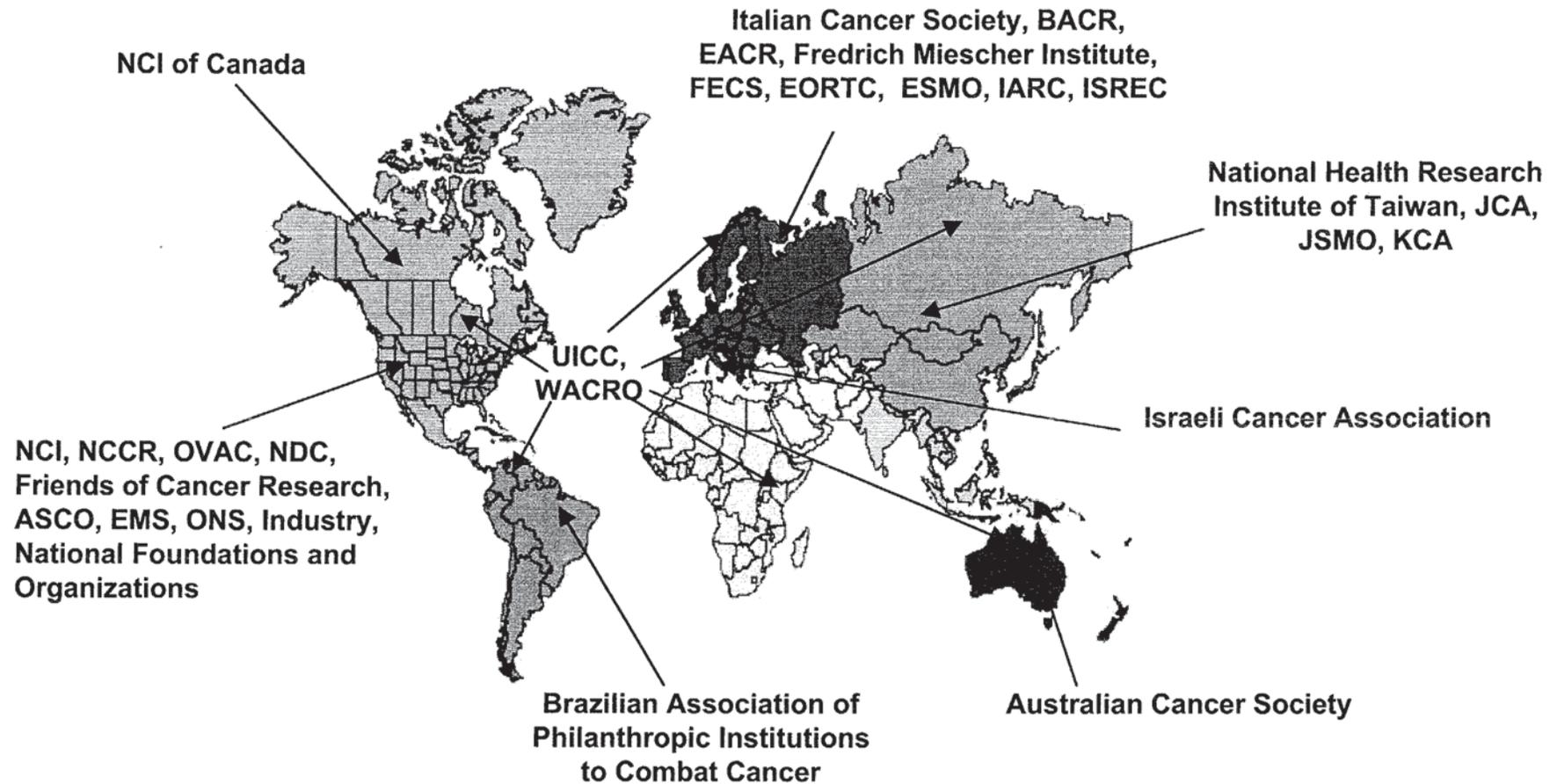
Collaboration

AACR

A Catalyst for Discovery and Innovation



Worldwide Collaborations and Partnerships



AACR and the NCI

- AACR presented to NCAB annually since 1991
- 300 AACR members in NCI
- Extramural members work with NCI support
- AACR-NCI Partnerships
 - AACR-NCI-EORTC Molecular Targets Meeting
 - Minority scholarships for meeting participation
 - Educational Workshops

“As President, I will fund and lead a medical moonshot . . . our government will promote medical advances with new resources and new resolve”

Governor George W. Bush

22 September 2000

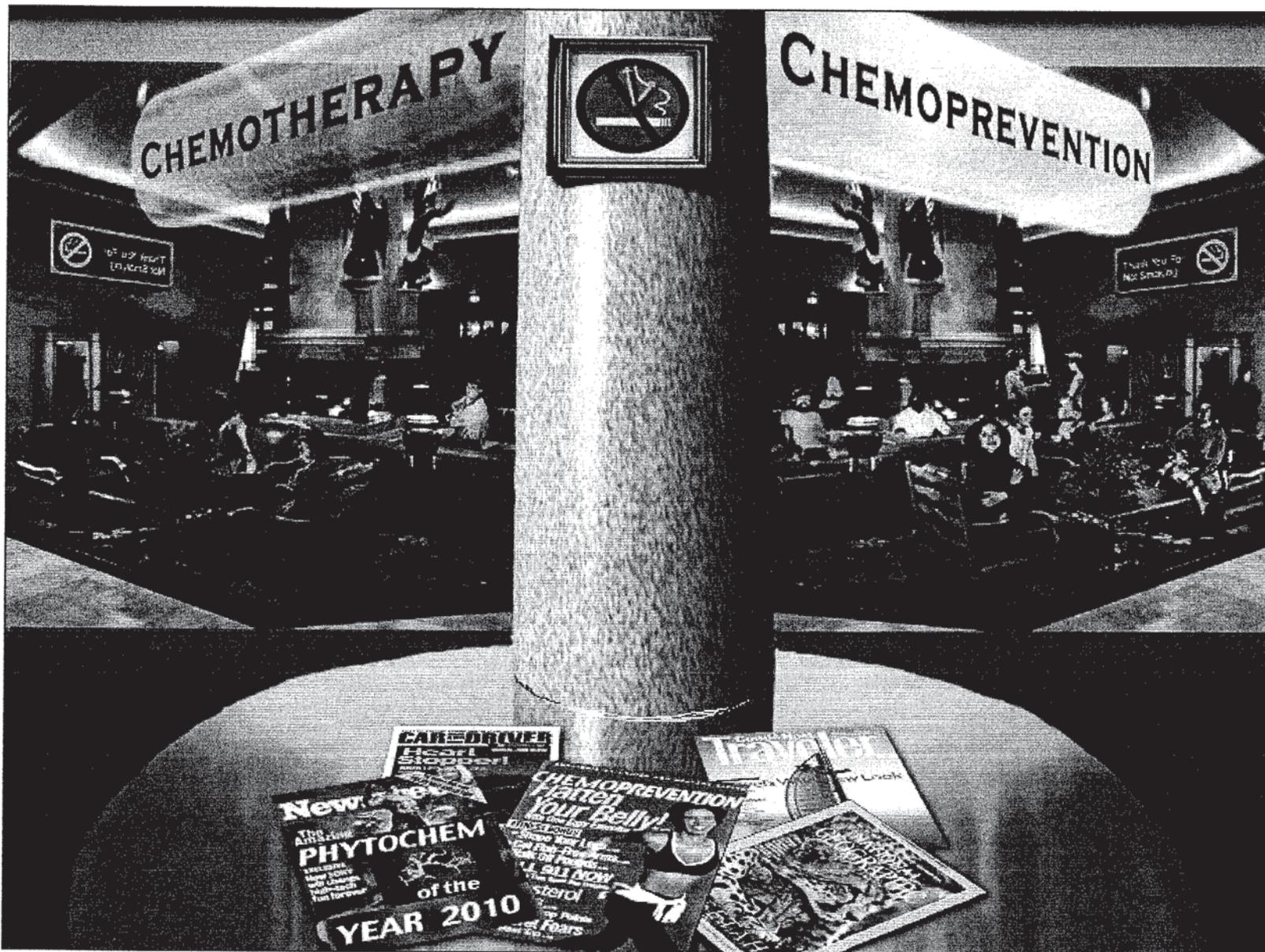
*President's Budget Proposal for NCI
Funding (2003): \$5.1 billion*

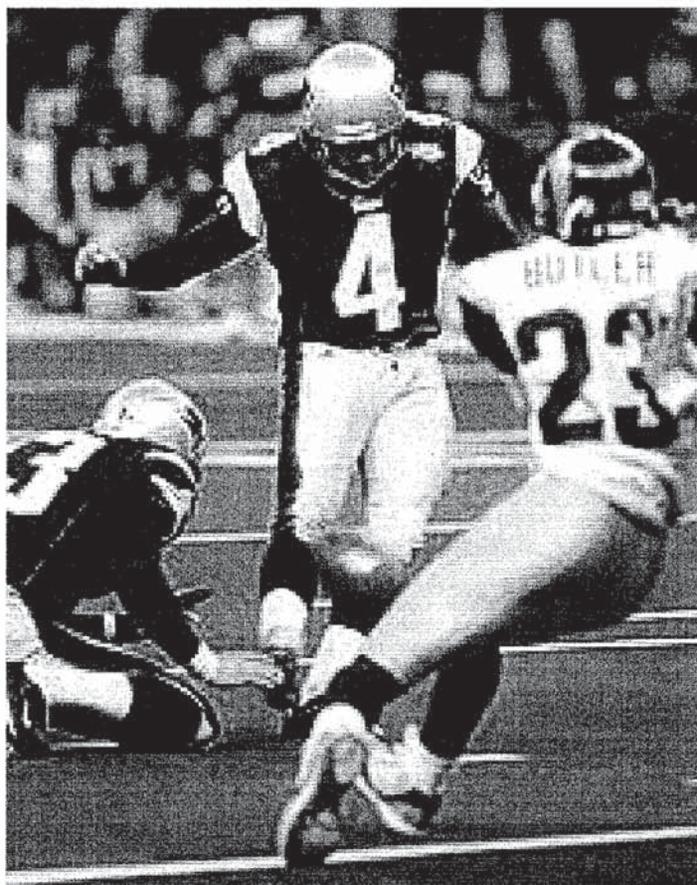
AACR: Where We are Going

- Continue emphasis on excellence of science
- Increase worldwide membership
- Expand programs for constituencies
- Enhance influence in science policy and legislative affairs
- Accelerate progress against cancer

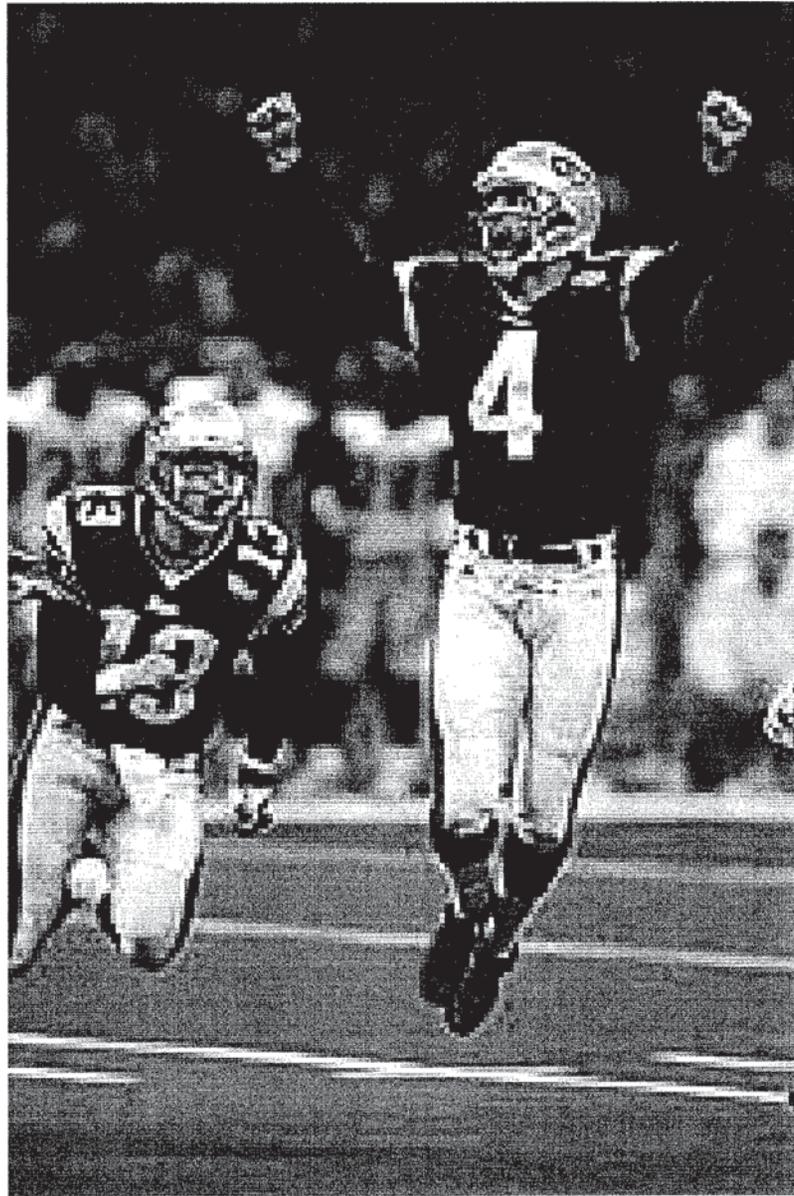
Reduce Cancer Incidence and Mortality to Conquer Cancer

- Elimination of Tobacco
- Behavior Modification
- Molecular Therapeutics
- Screening and Early Detection
- Development of Predictive Risk Models
- Targeted Chemoprevention
- Gene-Gene and Gene-Environment Interactions





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for Cancer Research*



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