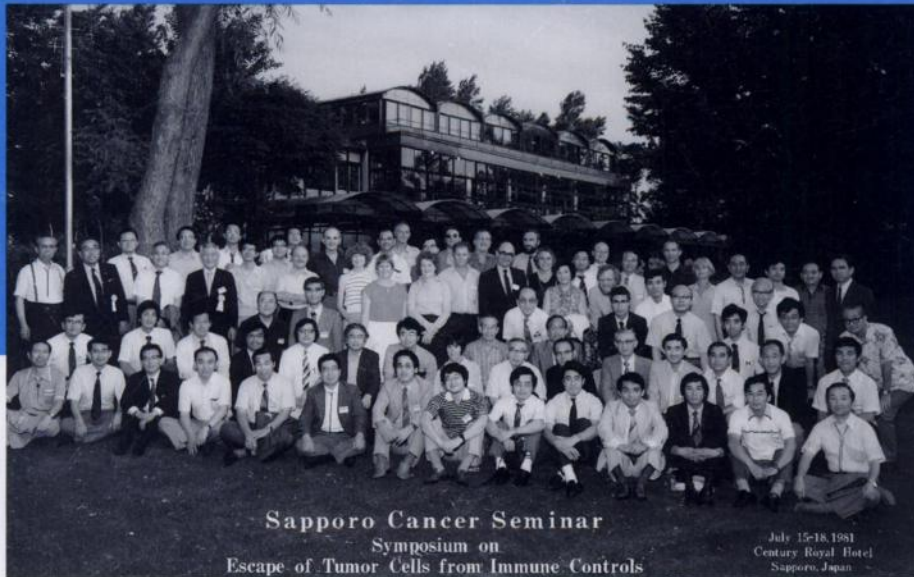
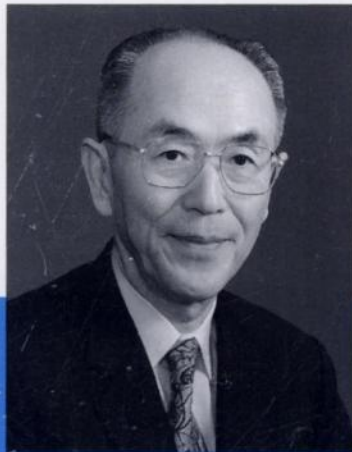




# Cancer Research

AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH



Sapporo Cancer Seminar  
Symposium on  
Escape of Tumor Cells from Immune Controls

July 15-18, 1981  
Century Royal Hotel  
Sapporo, Japan

March 15, 1995  
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## AMERICAN ASSOCIATION FOR CANCER RESEARCH SCIENTIFIC CONFERENCES

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**MARCH 18-22, 1995**

***86th Annual Meeting***

Chairperson: Donald S. Coffey, Baltimore, MD  
Metro Toronto Convention Centre, Toronto,  
Ontario, Canada

**APRIL 1-6, 1995**

***Signal Transduction of Normal  
and Tumor Cells***

Co-sponsored by the National Cancer Institute of  
Canada

Chairpersons: Anthony J. Pawson, Toronto,  
Ontario, Canada; André Veillette, Montreal,  
Quebec, Canada; Grant McFadden,  
Edmonton, Alberta, Canada  
Banff Centre, Banff, Alberta, Canada

**OCTOBER 14-18, 1995**

***Cytokines and Cytokine Receptors***

Chairperson: Steven Gillis, Seattle, WA  
The Sagamore, Bolton Landing (Lake George),  
NY

**NOVEMBER 5-9, 1995**

***Cancer: The Interface Between  
Basic and Applied Research***

Chairpersons: Bert Vogelstein, Baltimore, MD;  
Stephen H. Friend, Seattle, WA; John D.  
Minna, Dallas, TX  
Stouffer Harborplace Hotel, Baltimore, MD

**NOVEMBER 17-21, 1995**

***Novel Strategies Against  
Resistant Cancers***

Chairpersons: Victor Ling, Toronto, Ontario,  
Canada; Daniel D. Von Hoff, San Antonio, TX  
Sanibel Harbour Resort & Spa, Ft. Myers, FL

**DECEMBER 2-6, 1995**

***The Molecular Basis of  
Gene Transcription***

Chairperson: Tom Curran, Nutley, NJ  
Hotel Del Coronado, Coronado (San Diego), CA

**JANUARY 17-20, 1996**

***Cancer and the Cell Cycle***

Joint Meeting with the Swiss Institute for  
Experimental Cancer Research  
Chairpersons: Edward E. Harlow, Charlestown,  
MA; Viesturs Simanis, Lausanne, Switzerland  
Location to be Announced in Lausanne,  
Switzerland

**FEBRUARY 19-25, 1996**

***Cancer Susceptibility Genes and  
Molecular Carcinogenesis***

Chairpersons: Curtis C. Harris, Bethesda, MD;  
Allan Balmain, Glasgow, Scotland; Kenneth  
Olden, Research Triangle Park, NC  
Keystone Resort, Keystone, CO

**MARCH 1996**

***Proteases and Their Inhibitors  
in Cancer***

Chairpersons: Lynn M. Matrisian, Nashville, TN;  
Bonnie F. Sloane, Detroit, MI  
Location to be Announced

**APRIL 20-24, 1996**

***87th Annual Meeting***

Chairperson: Lorraine J. Gudas, New York, NY  
Washington D.C. Convention Center, Washington,  
D.C.

**JUNE 1996**

***Inducible Genomic Responses***

Chairpersons: William T. Beck, Memphis, TN;  
John A. Hickman, Birmingham, England;  
Richard I. Morimoto, Evanston, IL  
Location to be Announced

**OCTOBER 1996**

***Carcinogenesis from Environmental  
Pollution: Assessment of Human Risks  
and Strategies for Prevention***

Joint Meeting with International Agency for  
Research on Cancer  
Chairpersons: Frederica Perera, New York, NY;  
Paul Kleihues, Lyon, France  
Location to be Announced in Budapest, Hungary

**OCTOBER 19-23, 1996**

***Programmed Cell Death***

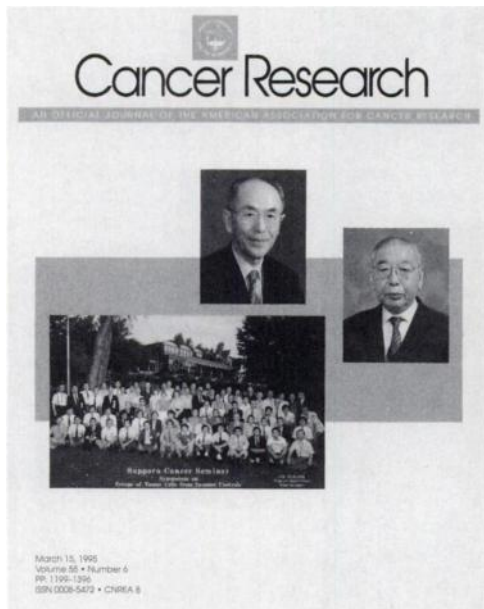
Chairperson: Stanley J. Korsmeyer, St. Louis, MO  
The Sagamore, Bolton Landing (Lake George), NY

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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, Suite 816  
150 South Independence Mall West  
Philadelphia, PA 19106-3483  
215-440-9300 • 215-440-9313 (FAX)

# COVER LEGEND



The Sapporo Cancer Seminars are held annually in the city of Sapporo, Hokkaido's capital, near the beautiful campus of Hokkaido University, Japan. Hiroshi Kobayashi (*left*), inspired by the cooperative scholarly atmosphere that he observed during his attendance at a Gordon Cancer Conference in the late 1970s, initiated the Sapporo Cancer Seminars in 1981. They were modeled not only on the generous, sharing spirit of the Gordon Cancer Conferences, but also on the natural beauty of the conference site. The Gordon Cancer Conferences, which have been in existence for over a half-century, were originally held during the summer in New London, New Hampshire, on the campus of Colby College. Not only have they served cancer, but they also are a prototype of conferences held in a variety of scientific disciplines, now spread throughout the world and throughout the year.

In organizing the Sapporo Cancer Seminar, Dr. Kobayashi was aided by the enthusiastic support of Takashi Sugimura, now President Emeritus of the National Cancer Center, Tokyo, and by Takeo Yamazaki (*right*), then President of the Hokkaido Medical Association. Their prestige was influential in raising funds and attracting scholars to participate.

The Sapporo Cancer Seminars fill a special niche in cancer research. The intimate size of the meetings and their cooperative format foster a spirit of communication on a personal level that is often precluded by large scientific conferences. The first conference had, among other participants, Margaret Kripke, Isaiah Fidler, and Enrico Mihich, each of whom later became President of the American Association for Cancer Research (AACR). A group photograph of the participants at the first symposium is featured on this cover. From the beginning, the

conferences have involved investigators from different countries, a continuing practice that gives the seminar an international flavor and demonstrates how international cooperation can stimulate research and increase the likelihood of discovering effective therapies.

The subject of the first meeting in 1981 reflected Dr. Kobayashi's interest in the escape of tumor cells from immune control. The second seminar was devoted to accounts of the range and degrees of biochemical change that occurs during the growth and differentiation of malignancy. The success of the first two meetings brought about the establishment of the seminar as a permanent annual event, which is organized by an official body and supported in large part by businesses and the pharmaceutical industry. The third meeting concentrated upon the body's biological responses to cancer chemotherapy. Subsequent conferences have covered a wide range of contemporary issues, such as viral transforming genes; the mechanisms by which monoclonal antibodies affect progress in cell biology; the action of cytokines; and the site-specific mechanisms of drug delivery. A special emphasis on metastasis, a major cause of cancer mortality, reflects a focus on that area of cancer research at the Hokkaido University School of Medicine.

The sixth meeting, in 1987, marked the beginning of two conferences each year. In the summer, fundamental cancer research is featured, and in the winter, clinical topics. The topic of the most recent summer conference, which was held in July 1994 and which was the Fourteenth Sapporo Cancer Seminar, focused on genetic polymorphism and cancer susceptibility. The Ninth Winter Seminar, held in February 1995, centered on adenocarcinoma of the lung.

The AACR and the Sapporo Foundation have long had cooperative ties. Meeting reports on the Sapporo Cancer Seminars, carrying timely information, are published annually in the AACR's journal *Cancer Research*, while the Sapporo Foundation has supported AACR programs through regular annual contributions.

Although Dr. Kobayashi has retired from his Chair in Pathology at Hokkaido University, he continues to direct the Sapporo Cancer Seminars and the supporting foundations. After the long winters of Hokkaido, the rejuvenation of spring there symbolizes to Dr. Kobayashi the open-handed and open-hearted spirit which he found in New Hampshire. He believes that this generous sharing of knowledge, emulated and fostered in Sapporo, will help to eventually reach the elusive goal of cancer control.

We are indebted to Dr. Kobayashi for his unstinting interest in and dedication to the AACR's international programs, and for supplying the information and photographs for this cover feature.

Sidney Weinhouse

## 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 S. Chiara Hospital of Trento, Italy. One of the goals 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 biology 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 perspectives. 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), D. Livingston (Boston), P. Schlechter (Trento), E. Solomon (London), T. Taniguchi (Osaka), F. Zuelli (Trento).

### **Seventh Pezcoller Symposium, June 14-16, 1995, Trento, Italy**

#### **Cancer Genes: Functional Aspects**

Co-Chairmen: E. Mihich and D. Hausman

Program Committee: Drs. E. Mihich (Chairman), J. Azizkhan, P. Comoglio, G. Draetta, D. Hausman, D. Livingston, A. Matter

#### **Keynote Address: Robert Weinberg**

#### **June 14, AM, Session I: Oncogenes, Co-Chairmen: \*M. Fried and T. Graf**

*Speakers:* \*Gerard Evan  
\*Paolo Comoglio  
\*Sara Courtneidge

#### **June 14, PM, Session II: Suppressor Gene, Co-Chairmen: \*M. Kulesz-Martin and \*F. Rauscher III**

*Speakers:* \*Yue Xiong  
\*Moshe Oren  
Carol Prives

#### **June 15, AM, Session III: Transcription Regulation, Co-Chairmen: \*R. DiLauro and \*T. Beerman**

*Speakers:* Michael Green  
\*Paolo Sassone-Corsi  
\*Alfred Nordheim  
Gary Gilliland

#### **June 15, PM, Session IV: Cell Cycle Regulation, Co-Chairmen: \*G. Draetta and \*E. Nigg**

*Speakers:* \*Giulio Draetta  
\*Jane Azizkhan  
\*David Livingston  
\*Claudio Schneider

#### **June 16, AM, Session V: Clinical Implications, Co-Chairmen: \*A. Matter and \*P-G. Pelicci**

*Speakers:* Brian Druker  
Bruce Ponder  
\*Glenn Dranoff  
\*David Hausman

\*Accepted

For further information on the Seventh Symposium, please contact Dr. E. Mihich, 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, 38100 Trento, Italy (Tel: 39-461-980250; Fax: 39-461-980350).