

PROGRAM

The Prizes	1672s
Laureates	1673s
Laureate Citations	1674s

1998 Laureates Honorary Papers

Introduction of H. Rodney Withers <i>Lorraine J. Gudas</i>	1676s
Radiation Biology and Treatment Options in Radiation Oncology <i>H. Rodney Withers</i>	1676s
Introduction of Suzanne Cory <i>Nicholas D. Hastie</i>	1685s
Insights from Bcl-2 and Myc: Malignancy Involves Abrogation of Apoptosis as well as Sustained Proliferation <i>Suzanne Cory, David L. Vaux, Andreas Strasser, Alan W. Harris, and Jerry M. Adams</i>	1685s
Introduction of Stanley J. Korsmeyer <i>Nicholas D. Hastie</i>	1693s
BCL-2 Gene Family and the Regulation of Programmed Cell Death <i>Stanley J. Korsmeyer</i>	1693s
Introduction of H. Robert Horvitz <i>Stephen P. Goff</i>	1701s
Genetic Control of Programmed Cell Death in the Nematode <i>Caenorhabditis elegans</i> <i>H. Robert Horvitz</i>	1701s

DEVELOPMENTAL BIOLOGY AND CANCER

PAX Genes

Pax Genes and Their Role in Organogenesis <i>Ahmed Mansouri, Guy Goudreau, and Peter Gruss</i>	1707s
The Role of Chimeric Paired Box Transcription Factors in the Pathogenesis of Pediatric Rhabdomyosarcoma <i>Frederic G. Barr</i>	1711s
The Partial Homeodomain of the Transcription Factor Pax-5 (BSAP) Is an Interaction Motif for the Retinoblastoma and TATA-binding Proteins <i>Dirk Eberhard and Meinrad Busslinger</i>	1716s

Embryonal Tumors

<i>Id</i> Gene Expression as a Key Mediator of Tumor Cell Biology <i>Mark A. Israel, Maria-Clemencia Hernandez, Monica Florio, Pedro J. Andres-Barquin, Akio Mantani, John H. Carter, and Carol M. Julin</i>	1726s
Developmental Basis of Retinal-specific Induction of Cancer by RB Mutation <i>Brenda L. Gallie, Christine Campbell, Hollie Devlin, Allison Duckett, and Jeremy A. Squire</i>	1731s
The Phenotypes Associated with <i>ret</i> Mutations in the Multiple Endocrine Neoplasia Type 2 Syndrome <i>Bruce A. J. Ponder</i>	1736s

Embryonal Tumors and Breast Cancer

Imprinting of a Genomic Domain of 11p15 and Loss of Imprinting in Cancer: An Introduction <i>Andrew P. Feinberg</i>	1743s
Multiple Roles for the Wilms' Tumor Suppressor, WT1 <i>Rachel Davies, Adrian Moore, Andreas Schedl, Eva Bratt, Kiyoshi Miyahawa, Michael Ladomery, Colin Miles, Aswin Menke, Veronica van Heyningen, and Nicholas Hastie</i>	1747s
BRCA1, BRCA2, and Rad51 Operate in a Common DNA Damage Response Pathway <i>Jun-Jie Chen, Daniel Silver, Sharon Cantor, David M. Livingston, and Ralph Scully</i>	1752s
Tissue Structure, Nuclear Organization, and Gene Expression in Normal and Malignant Breast <i>Mina J. Bissell, Valerie M. Weaver, Sophie A. Lelièvre, Fei Wang, Ole W. Petersen, and Karen L. Schmeichel</i>	1757s
Mammary Gland Development, Reproductive History, and Breast Cancer Risk <i>Lewis A. Chodosh, Celina M. D'Cruz, Heather Perry Gardner, Seung I. Ha, Sandra T. Marquis, Jayant V. Rajan, Douglas B. Stairs, James Y. Wang, and Man Wang</i>	1765s

Leukemia and Developmental Genes

Identification and Characterization of Collaborating Oncogenes in Compound Mutant Mice <i>Anton Berns, Harald Mikkers, Paul Krimpenfort, John Allen, Blanca Scheijen, and Jos Jonkers</i>	1773s
--	-------

Role of <i>TCL1</i> and <i>ALL1</i> in Human Leukemias and Development <i>Carlo M. Croce</i>	1778s
Intersections between Blood Cell Development and Leukemia Genes <i>Stuart H. Orkin, Catherine Porcher, Yuko Fujiwara, Jane Visvader, and Li-Chun Wang</i>	1784s
Leukemia and Developmental Genes: Functional Genes	
Core-Binding Factor: A Central Player in Hematopoiesis and Leukemia <i>Nancy A Speck, Terry Stacy, Qing Wang, Trista North, Ting-Lei Gu, Janelle Miller, Michael Binder, and Miguel Marín-Padilla</i>	1789s
The Effect of Chromosomal Translocations in Acute Leukemias: The LMO2 Paradigm in Transcription and Development <i>Terence H. Rabbits, Katharina Bucher, Grace Chung, Gerald Grutz, Alan Warren, and Yoshi Yamada</i>	1794s
Conference Participants	1799s
Organizational Structure: General Motors Cancer Research Foundation	1800s
Membership of the Awards Assembly	1801s
Membership of the Selection Committees	1803s
Membership of the Advisory Council	1804s
Author Index	1809s

On the Cover

H. Robert Horvitz, Ph.D. (*top*), winner of the Alfred P. Sloan, Jr. Prize, was cited for his outstanding research contributions leading to the initial understanding of the programmed cell death pathway in cellular biology.

H. Rodney Withers, M.D., D.Sc. (*bottom left*), recipient of the Charles F. Kettering Prize, is Professor and Chair, Department of Radiation Oncology, University of California, Los Angeles. Dr. Withers was recognized for developing the concept and practice of the “hyperfractionation” technique of radiation therapy.

Suzanne Cory, Ph.D. (*bottom center*) and **Stanley J. Korsmeyer, M.D.** (*bottom right*), co-recipients of the Charles S. Mott Prize, were cited for their discovery that the *Bcl-2* oncogene exerts its oncogenic effects through suppression of programmed cell death, or apoptosis, rather than increased cell division. This represents a fundamentally different view of malignant transformation which has had tremendous conceptual and practical implications on cancer biology and therapy.

Cancer Research

The Journal of Cancer Research (1916–1930) | The American Journal of Cancer (1931–1940)

59 (7 Supplement)

Cancer Res 1999;59:1716s-1730s.

Updated version Access the most recent version of this article at:
http://cancerres.aacrjournals.org/content/59/7_Supplement.citation

E-mail alerts [Sign up to receive free email-alerts](#) related to this article or journal.

Reprints and Subscriptions To order reprints of this article or to subscribe to the journal, contact the AACR Publications Department at pubs@aacr.org.

Permissions To request permission to re-use all or part of this article, use this link http://cancerres.aacrjournals.org/content/59/7_Supplement.citation. Click on "Request Permissions" which will take you to the Copyright Clearance Center's (CCC) Rightslink site.