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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.
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