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What We Are Learning from the Genome Project?

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THE ROCKEFELLER UNIVERSITY PRESENTS

CENTENNIAL LECTURES ON SCIENCE AND SOCIETY
ZANVIL A. COHN FORUM ON HEALTH AFFAIRS

What Are We Learning from the Genome Project?

David Botstein, Ph.D.

Stanford W. Ascherman, M.D., Professor and Chairman
Department of Genetics
Stanford University School of Medicine

DATE:	Monday, December 18, 2000	PLACE:	Caspary Auditorium The Rockefeller University York Avenue at East 66th Street New York City
TIME:	5:00 p.m. - 5:30 p.m. Reception 5:30 p.m. - 6:30 p.m. Lecture and Discussion		

Last June, the international Human Genome Project and Celera Genomics Corporation announced the completion of a “working draft” of the human genome sequence—the genetic code that carries the instructions allowing us to develop, grow and live. Scientists can now begin to understand the secrets of life processes to an extraordinary degree, personalizing medicine and offering clues to the differences—and remarkable similarities—among us. At this special Centennial Cohn Forum, David Botstein, a geneticist at Stanford University School of Medicine, will discuss what researchers are learning from the human genome sequence.

Dr. Botstein’s research has centered on genetics, especially the use of genetic methods to understand biological functions. He began his theoretical contributions on linkage mapping of the human genome in 1980 by suggesting, with collaborators, that restriction fragment length polymorphisms (RFLPs) could be used to produce a linkage map of the human genome and to map the genes that cause disease in humans. His current research activities include studies of yeast genetics and cell biology, linkage mapping of human genes predisposing to manic-depressive illness, hypertension and other complex diseases, and the development and maintenance (with J. Michael Cherry) of the *Saccharomyces* Genome Database on the World Wide Web (www-genome.stanford.edu).

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