

Dr. Tom Maniatis to give 4th Lecture in the McElroy Lectureship

March 1, 1984

Dr. Tom Maniatis, one of the foremost practitioners of genetic engineering techniques working with human genes and genes of other mammals, will give the fourth lecture in the William D. McElroy Distinguished Lectureship in Biology series, Thursday, March 8, at the University of California, San Diego.

Maniatis, professor of biochemistry and molecular biology at Harvard University, will talk on "The Molecular Genetics of Human Globin Gene Expression." The lecture will begin at 4 p.m. in Garren Auditorium of the Basic Science Building at the School of Medicine. It is free and open to the public.

The McElroy lecture series is supported by contributions to the UCSD Foundation given in the name of professor of biology and former UCSD Chancellor William D. McElroy. McElroy resigned his post as chancellor in 1980 to return to research and teaching in the Department of Biology.

Maniatis received B.A. and M.A. degrees in biology and chemistry from the University of Colorado. He received a Ph.D. in molecular biology from Vanderbilt University in 1971. He joined the faculty at Harvard University in 1981 after serving for four years on the faculty at the California Institute of Technology.

Early in his career, Maniatis made important discoveries on the control of the expression of genes during the development of an organism. He then made important methodological contributions for the preparation of gene banks from humans and animals. More recently he has made outstanding contributions toward an understanding of factors that turn-on and turn-off a gene during the development of an individual.

His most recent work has provided molecular insight to the nature of genetic changes responsible for human hereditary diseases involving defective red blood cells. Maniatis was named to receive the Eli Lilly Research Award in Microbiology and Immunology in 1981 and was chosen to present the 81st Christian A. Herter Lecture at New York University in 1983.

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