

UCSD to hold national symposium on molecular genetics to celebrate opening of new Center for Molecular Genetics; to feature Nobel Laureate Joseph Goldstein

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UC SAN DIEGO TO HOLD NATIONAL SYMPOSIUM ON MOLECULAR GENETICS MAY 7 AND 8

The Center for Molecular Genetics at the University of California, San Diego will hold a major symposium on recent advances in molecular genetic research and biotechnology on Thursday, May 7, and Friday, May 8, beginning at 9 a.m. each day.

The conference will feature Nobel Laureate Joseph Goldstein and eight other distinguished scientists whose research is on the cutting edge of molecular genetics--the study and manipulation of genes for the benefit of humankind.

The symposium celebrates the opening of the university's new Center for Molecular Genetics facility, which will serve as fulcrum and resource for the large number of laboratories in the School of Medicine and biology and chemistry departments engaged in basic and applied research in molecular genetics.

Open to the biotechnology industry as well as the academic community, the symposium will be held in Liebow Auditorium, the Basic Science Building, UCSD School of Medicine. The fee for industrial participants is \$100 and includes lunch on both Thursday and Friday.

Thursday morning (9 to noon) speakers and their topics will be Dr. Ora Rosen, Memorial Sloan-Kettering Cancer Center, characterizing the receptor in human cells that is involved in insulin function; Dr. Goldstein, the University of Texas Health Science Center at Dallas, isolating genes that regulate cholesterol levels in humans; and Dr. Alfred Gilman, the University of Texas Health Science Center, components and mechanisms by which a cell responds to hormones and other outside stimuli.

The afternoon session (2 to 5) will feature Dr. Phillip Sharp, Massachusetts Institute of Technology, molecular events in a cell responsible for transferring information from a gene to its product; Dr. Brian Matthews, University of Oregon, unraveling the three dimensional structure of proteins; and Dr. Mark Ptashne, Harvard University, protein-DNA interaction and gene regulation in bacteria and yeast.

Addressing the Friday morning session (9 to noon) will be Dr. David Hogness, Stanford University School of Medicine, identifying key genes controlling the development of a complex organism; Dr. Gerald Rubin, University of California, Berkeley, powerful use of genetics and molecular biology to dissect the development of the visual system; and Dr. David Botstein, MIT, identifying and mapping genetic defects associated with specific inherited diseases.

Members of the biotechnology community interested in attending the symposium may call (619) 534-0396.

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