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NEWS

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* * *Sir Gustav Nossal to give fourth annual
Jonsson Visiting Professorship

DALLAS--Sir Gustav Nossal, director of the Walter and Eliza Hall Institute of Medical Research, will be the 1981-82 Jonsson Visiting Professor of Medical Research. The internationally known immunologist, also professor of Medical Biology at the University of Melbourne, will be on campus Feb. 14-20.

He will deliver an address on "Biotechnology and Modern Medicine--A New Challenge for Academia" as a part of the fourteenth annual Sigma Xi Graduate Student Research Forum Tuesday, Feb. 16 in the Zale Lecture Hall, D1.600 at 4 p.m.

Sir Gustav is the fourth Jonsson Visiting Professor in the series, following Dr. Lewis Thomas, Dr. Francois Jacob and Sir Peter Medawar.

"Because of the preeminence of these individuals, the Jonsson Visiting Professorship has assumed great importance to the basic sciences at the health science center and has become the leading academic event of the year on campus," says Dr. William B. Neaves, dean of the graduate school.

Sir Gustav's principal interest is in fundamental immunology. He is the author of three books and over 270 articles on this subject and related fields. He is also interested in the relationship between science and society and has been active in the Australian Science and Technology Council and the Council of the Australian Academy of Science for many years.

The scientist's work in the field of international health is done in collaboration with the World Health Organization for which he has been a major consultant for more than 15 years.

Among Sir Gustav's most significant honors and awards are Foreign Associate of the U.S. National Academy of Sciences, the Emil von Behring Prize of West Germany, the Rabbi Shai Shacknai Prize from Israel, the Burnet Medal of the Australian Academy of Science and an honorary doctorate from the University of Mainz. The renowned researcher has also delivered a large number of international lectures, including the Harvey Lecture of the New York Academy of Medicine, the Herter Lectures of Johns Hopkins University Medical School, the Ciba Foundation Gold Medal Lecture and the Lilly Lecture of the Royal College of Physicians of London.

Student presentations will be held from 1:30-3:30 p.m. They will include the following:

- * Diane F. Jelinek, Cell Biology (Dr. Peter E. Lipsky, advisor), "The Role of B Cell Proliferation in the Generation of Immunoglobulin Secreting Cells in Man."
- * Jo-Ann Keene, Immunology (Dr. James Forman, advisor), "Regulation of Cytotoxic T. Cells: The Role of Helper Cells In Vito."
- * Richard D. May, Immunology (Dr. Ellen S. Vitetta, advisor), "The Effect of Total Lymphoid Irradiation (TLI) on the Immune Responsiveness of Murine B Cells."
- * Scott F. McFadden, Microbiology (Vitetta), "Functional Analysis of IGD⁺ and IGD⁻ B Lymphocytes from Adult and Neonatal Mice."
- * Stephen T. Mosley, Radiological Sciences, (Dr. Richard G.W. Anderson, advisor), "Phototoxic LDL: Selective Killing of Cultured Cells by Receptor-Dependent Photosensitization."
- * Kevin J. Petty, Physiology (Dr. Juha P. Kokko, advisor), "Acute and Chronic Modulation by Mineralocorticoids of NA Pump Activity in the Renal Cortical Collecting Tubule."
- * Sheryl S. White, Physiology (Dr. Sergio Ojeda, advisor), "The Role of Ovarian Receptors for Lutenizing Hormone Releasing Hormone (LHRH) During Sexual Maturation in the Female Rat."
- * T. Philip Wong, Microbiology (Dr. Kenneth H. Johnston, advisor), "A Species-Specific Outer Membrane Protein of Nesseria gonorrhoeae."

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