

AN AUGUST ACHIEVEMENT

Celebrating the man whose discoveries have dramatically advanced immunology.

They came from across the country and over the sea to honor **J. THOMAS AUGUST**, former director of the Department of Pharmacology and Molecular Sciences—and to discourse on a subject he loves: discoveries in immunology and vaccine development.

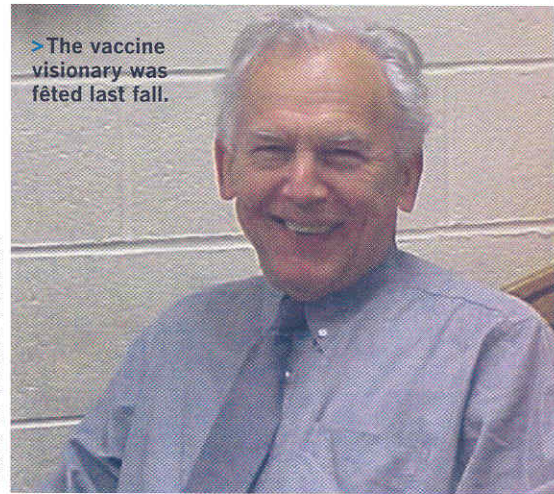
Still an active member of the department he headed from 1976 to 1999, August was praised by speakers from as far away as Oxford University and the La Jolla Institute for Allergy and Immunology at last October's Charles E. Dohme Memorial Symposium. An annual gathering, the symposium in the School of Medicine's 232-seat Cancer Research Auditorium was dedicated this year to celebrating August's career and scientific contributions.

Following the daylong symposium, which featured six lectures on an exciting, emerging discipline in pharmacology—harnessing aspects of the body's own immune system to prevent viral infections—142 of August's admirers gathered at Baltimore's Harbor Court Hotel

for a testimonial dinner.

A 1954 graduate of Stanford University's School of Medicine, August served on the faculties of Stanford, NYU, and the Albert Einstein College of Medicine before coming to Hopkins to take the helm of what then was known as the Department of Pharmacology and Experimental Therapeutics. Under his direction, molecular biology and virology became the department's new focus, and his teaching and mentorship influenced several generations of faculty and students.

August's research has centered on developing vaccines against such viruses as HIV, dengue, influenza, and West Nile. In 1980, he discovered lysosome-associated membrane proteins (LAMP), which act with other immune system proteins to activate immune responses by delivering antigens to helper T cells. This discovery prompted an explosion in immunology and led to the development of DNA vaccines that target and enhance the delivery of the antigens to the helper T cell pathway.



>The vaccine visionary was feted last fall.

PHOTO BY BRENDA FIGUEROA

August's achievements have earned him appointments as a Markey Foundation Scholar in Medical Sciences; a Health Research Council of New York Career Scientist; a Fellow of the John Simon Guggenheim Memorial Foundation and of Balliol College, Oxford; an adjunct professorship of medicine at the National University of Singapore; and a Merit Award from the National Institute of Allergy and Infectious Diseases for HIV vaccine research. NAG

WILLIAM B. GREENOUGH III, professor of medicine and international health, received an Outstanding Service Award from the Bangladesh-American Foundation Inc. The award recognizes his assistance during the War of Independence of Bangladesh against Pakistan and his work at the Cholera Research Laboratory, which included the discovery of how cholera caused illness and death, and the refinement of oral rehydration therapy (ORT).

RICHARD HUGANIR, professor and director of neuroscience and an investigator for the Howard Hughes

Medical Institute, is the co-winner of the first annual Julius Axelrod Award from the Society of Neuroscience. He shares the award with David Julius of the University of California San Francisco.

J. BROOKS JACKSON, professor and director of the Department of Pathology, has received the Herman and Gertrude Silver Award from the Children's Hospital of Philadelphia for his internationally acclaimed work in preventing the transmission of HIV from infected mothers to their newborns.

BARRY MARX, assistant professor of pediatrics, has been named senior pediatric advisor to the federal Office of Head Start in Washington, D.C.

JULIA MCMILLAN, professor, vice chair of pediatrics, and director of the pediatrics residency program, has received the Walter W. Tunnessen Jr., M.D., Award for the Advancement of Pediatric Resident Education from the Association of Pediatric Program Directors.

Three School of Medicine faculty members have been elected to the National Academy of Sciences'

Institute of Medicine. They are: **FREDERICK M. "SKIP" BURKLE**, a research associate in the Department of Emergency Medicine and director of the Center of Excellence in Disaster Management and Humanitarian Assistance; **ARAVINDA CHAKRAVARTI**, professor of medicine, pediatrics, molecular biology and genetics and biostatistics and director of the Center for Complex Disease Genomics; and **ANDREW FEINBERG**, the King Fahd Professor of Medicine, Molecular Biology and Genetics and Oncology and director of the Center for Epigenetics.