



American Society for Investigative Pathology

www.asip.org

Rous-Whipple Award – 1998

Emil R. Unanue

Dr. **Emil R. Unanue**, the Chairman of the Department of Pathology at Washington University School of Medicine and Pathologist-in-Chief of Barnes and Allied Hospitals and the St. Louis Children's Hospital, has won the 1998 Rous-Whipple Award. Rous-Whipple is the American Society for Investigative Pathology's award for pathologists over age 50 who have had a distinguished career in research, and who are continuing to contribute to the field.

Dr. Unanue's best-known contribution to the field was his revolutionary suggestion in the late 1960's that the immunogenicity of proteins was enhanced after phagocytosis and catabolism by macrophages. Following on from that, Dr Unanue (with Allen and Babbit) wrote the classic proof that class II major histocompatibility complex (MHC) molecules bind to specific peptides and activate T cells. The award winner also made important contributions to the immunopathogenesis of diabetes, the molecular basis of cellular resistance to *Listeria* infection, and the immunopathology of glomerulonephritis.

Throughout his distinguished career, Dr. Unanue has been active in research, teaching and publishing throughout the United States and Europe. His work has been recognized by ASIP's 1973 Parke-Davis Award, the William B. Coley Award of the Cancer Research Institute in 1989, and an Albert Lasker Basic Medical Research Award in 1995. Dr. Unanue is also a member of the National Academy of Sciences, and served as a Councilor of ASIP's precursor (the American Association of Pathologists) for three years and as its President in 1988-89.

A native of Cuba, Dr. Unanue graduated from the University of Havana School of Medicine in 1960. He trained at Presbyterian University Hospital in Pittsburgh, Scripps Clinic and Research Foundation in LaJolla, California, and at the National Institute for Medical Research in London. His academic career included 15 years at Harvard Medical School, 10 of them as professor.

As winner of the 1998 Rous-Whipple Award, Dr. Unanue will receive \$5,000 and a plaque, and has been invited to present a lecture at ASIP's Annual Meeting in San Francisco. Dr. Unanue will present his lecture, "The Cellular and Biochemical Basis of Antigen Presentation" on Tuesday, April 21, 1998, at 11:30 am.