JOHNS HOPKINS
UNIVERSITY

School of Medicine
and
The James Buchanan Brady Urological Institute

The William Wallace Scott
Research Lectureship

2001

Inaugural Lecture

Tung-Tien Sun, Ph.D.
Rudolf L. Baer Professor Dermatology, Pharmacology, Urology
New York University

and

Memorial Service

honoring

William Wallace Scott, Ph.D., M.D., D.Sc.
David Hall McConnell Professor Emeritus of Urology
William Wallace Scott Sr., Ph.D., M.D., D.Sc. ushered in the dawn of modern science to the field of urology. Born in Kansas City in 1913, he was one of three brothers who received their M.D. and Ph.D. degrees from the University of Chicago. Following training in urology under Nobel Laureate Charles Huggins, at age 33 he succeeded Hugh Hampton Young as Professor and Director of the Brady Urological Institute. Over the next 28 years he changed the focus of this residency from one emphasizing clinical experience at the expense of laboratory endeavors to one that included basic research. This emphasis transformed American Urology and his legacy lives on through the 14 chairmen he trained and the people that they influenced. He also founded the journal Investigative Urology and ultimately combined it with the Journal of Urology to provide one authoritative resource for all urologists. To perpetuate his impact on the science of urology, his family, residents, and friends, established the William Wallace Scott Research Lectureship.
The Lecture
4 - 5 P.M.

UROTHELIAL DIFFERENTIATION:
MARKERS, MEMBRANE SPECIALIZATION, AND BLADDER
DISEASE IMPLICATIONS

Dr. Tung-Tien (Henry) Sun is Director of the Epithelial Biology Unit and
the Rudolph L. Baer Professor of Dermatology and Professor of
Pharmacology and Urology at the New York School of Medicine. He is a
pioneer in providing insight into biological regulation of cell structure and
function of epithelial cells, and he discovered uroplakin, a major component on
the surface of bladder cells. His elegant studies also include the control of stem
cell differentiation and the role of keratins as major diagnostic markers in
pathology.

Dr. Sun received his Ph.D. degree in Biological Chemistry from the
University of California at Davis in 1974. He did postdoctoral research at
Woods Hole Marine Biology Laboratory and the Harvard Medical School. He
was a former faculty member at The Johns Hopkins University School of
Medicine from 1978-1982. He serves on the Board of Scientific Counselors of
the National Institute of Arthritis and Musculoskeletal Skin Diseases. He has
received numerous awards for his many scientific contributions.

The Memorial Service
(5-5:50PM)

Musical Interlude - Mr. Pierre Gantt, Flutist

Tributes

Early Days at The University of Chicago........ Dr. Paul Talalay
Early Days at Johns Hopkins.......................... Dr. John T. Grayhack
Resident Training................................. Dr. Horst K.A. Schirmer
The Journal of Urology.............................. Ms. Debbie Polly
Research.................................................. Dr. Donald S. Coffey
Chairmanship of Urology............................ Dr. Patrick C. Walsh

Shared spontaneous reminiscences...............Anyone may contribute

Reception: Houck Lobby and Garden, Phipps Building, 5:50 p.m.
SPECIAL SEMINAR

The William Wallace Scott Research Lectureship 2001

Tung-Tien (Henry) Sun, Ph.D.
Rudolf L. Baer Professor of Dermatology
and Professor of Pharmacology and Urology
New York University

"Urothelial Differentiation: Markers, Membrane Specialization, and Bladder Disease Implications"

This Thursday, June 14th, 4:00PM
Hurd Hall

Dr. Henry Sun is a world renown expert on human stem cell differentiation into functional epithelial cells. He has focused many of his research studies on differentiation of skin, hair, and bladder. The principles he has defined have broad biological implications. He is also identifying special gene promoters to form a novel bioreactor utilizing a genetically engineered bladder.