

**The Thirteenth
Jack Peter Green Lectureship**
In
PHARMACOLOGICAL SCIENCES

Richard W. Tsien, DPhil

Druckenmiller Professor of Neuroscience
Chair, Department of Neuroscience
and Physiology
Director, Neuroscience Institute
Scientific Director, Marlene and Paolo Fresco
Institute for Parkinson's and Movement Disorders
New York University School of Medicine

**“Cannabidiol and Oxytocin:
Mysterious Modulators
of Brain Signaling”**

Tuesday, October 8, 2019
11:00 am

Goldwurm Auditorium
Icahn School of Medicine at Mount Sinai
1425 Madison Avenue
New York, NY 10029

Reception to follow the lecture



Department of Pharmacological Sciences

Icahn School of Medicine at Mount Sinai
One Gustave L. Levy Place
1425 Madison Avenue
New York, New York 10029
Tel. 212-659-8647

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Lectureship**
in Pharmacological
Sciences





Jack Peter Green, MD, PhD

(1925 – 2007)

Jack Peter Green, MD, PhD, was Professor Emeritus of Pharmacology and Biological Chemistry at the Icahn School of Medicine

at Mount Sinai (ISMMS). He received both his PhD and MD degrees from Yale University and began his academic career at Yale as Assistant Professor of Pharmacology. Following a brief tenure at Cornell University Medical College, he was appointed Professor of Pharmacology, and founding Chairman of the Department of Pharmacology at ISMMS in 1968. In a few short years, he built a department of international renown. Dr. Green's research interests were centered on the biology of histamine and he was an early proponent of histamine, and its metabolites, as central nervous system neurotransmitters and neuromodulators. In recognition of this work he was one of only seven scientists worldwide awarded the highest honor bestowed by the European Histamine Research Society. Dr. Green was also one of the first to apply quantum mechanical techniques to the study of drug action.



Richard W. Tsien, DPhil

Richard W. Tsien, DPhil, inaugural Director of the Neuroscience Institute at NYU Langone Medical Center, has fostered the careers of many excellent neuroscientists over four

decades as a teacher at Yale and Stanford Universities, before joining NYU in 2011.

A cardiac electrophysiologist by training, Dr. Tsien studies the dynamics of the synapse topics ranging from the discovery of calcium channels that trigger neurotransmitter release, to understanding how postsynaptic activity controls nuclear transcription.

He has clarified how ion channels are modulated by transmitters, and in turn, regulate intracellular signaling. He has developed new optical approaches to peer into single vesicle fusion events and the workings of multiple synaptic inputs in networks. The work has relevance to disease states such as pain, epilepsy, autism and schizophrenia and their amelioration by therapeutic agents. Dr. Tsien received undergraduate and graduate training in electrical engineering at the Massachusetts Institute of Technology. He was a Rhodes Scholar, graduating with a doctorate in biophysics from Oxford University, England.

Dr. Tsien is a member of the National Academy of Sciences, the Institute of Medicine, and the Academia Sinica. He has also received the Cole Medal, the Palade Medal, the Cartwright Prize, the Axelrod Prize, the 2014 Bard Lectureship, the 2014 Annual Review Prize and the 2014 Gerard Prize. In 2015, Dr. Tsien was named the inaugural Scientific Director of the Marlene and Paolo Fresco Institute for Parkinson's and Movement Disorders.

In Honor of

Jack Peter Green

Scientist, scholar, teacher, physician

2002	Barry S. Collier, MD <i>The Rockefeller University</i>
2003	Leroy Hood, MD <i>Institute for Systems Biology</i>
2004	Anthony James Pawson, PhD <i>University of Toronto</i>
2005	C. Ronald Kahn, MD <i>Harvard Medical School</i>
2007	Bert W. O'Malley, MD <i>Baylor College of Medicine</i>
2008	Susan Band Horwitz, PhD <i>Institute for Systems Biology</i>
2010	Mary V. Relling, PharmD <i>St. Jude Children's Research Hospital</i>
2011	Harry C. Dietz, MD <i>Johns Hopkins University School of Medicine</i>
2012	Garret Fitzgerald, PhD <i>University of Pennsylvania School of Medicine</i>
2013	Susan Amara, PhD <i>National Institute of Mental Health</i>
2017	David Julius, PhD <i>University of California, San Francisco</i>
2018	George D. Yancopoulos, MD, PhD <i>Regeneron Pharmaceuticals, Inc.</i>