

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

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**Dr. Bryan Roth, MD, PhD**

Michael Hooker Distinguished Professor  
Department of Pharmacology  
University of North Carolina, Chapel Hill

**“New Chemical and Synthetic  
Biology Technologies”**

Thursday, October 14, 2021  
11:00 am

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



<https://mssm.zoom.us/j/88696285044>  
Zoom Meeting ID: 886 9628 5044



**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

**The Fourteenth  
Jack Peter Green  
Lectureship**  
in Pharmacological  
Sciences





**Jack Peter Green, MD, PhD**

(1925 – 2007)

Jack Peter Green, MD, PhD, received both his PhD and MD degrees from Yale University and began his academic career at

Yale as Assistant Professor of Pharmacology. He was Professor and founding Chairman of the Department of Pharmacology at the Icahn School of Medicine at Mount Sinai between 1968-1999. 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.



**Bryan L. Roth, MD, PhD**

Bryan L. Roth, MD, PhD, is the Michael Hooker Distinguished Professor of Pharmacology at the University of North Carolina Chapel Hill School of Medicine. Dr. Roth has

published nearly 500 papers in the general areas of molecular pharmacology, structural biology and synthetic biology including 28 papers published in *Science*, *Nature* and *Cell* over the past decade.

He has received many honors including the Goodman and Gilman Award for Receptor Pharmacology, the PhRMA Foundation Excellence in Pharmacology Award, a NARSAD Distinguished Investigator Award, NIH MERIT Award and the IUPHAR Analytical Pharmacology Lectureship. Dr. Roth also given more than 40 named lectures including the 2017 Martin Rodbell Lecture and a Presidential Special Lecturer at the 2018 Society for Neurosciences meeting. Dr. Roth was elected to the National Academy of Medicine of the National Academy of Sciences in 2014 and the American Academy of Arts and Sciences in 2019.

*In Honor of*

**Jack Peter Green**

*Scientist, scholar, teacher, physician*

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- 2002 Barry S. Collier, MD  
*The Rockefeller University*
  - 2003 Leroy Hood, MD  
*Institute for Systems Biology*
  - 2004 Anthony James Pawson, PhD  
*University of Toronto*
  - 2005 C. Ronald Kahn, MD  
*Harvard Medical School*
  - 2007 Bert W. O'Malley, MD  
*Baylor College of Medicine*
  - 2008 Susan Band Horwitz, PhD  
*Institute for Systems Biology*
  - 2010 Mary V. Relling, PharmD  
*St. Jude Children's Research Hospital*
  - 2011 Harry C. Dietz, MD  
*Johns Hopkins University School of Medicine*
  - 2012 Garret Fitzgerald, PhD  
*University of Pennsylvania School of Medicine*
  - 2013 Susan Amara, PhD  
*National Institute of Mental Health*
  - 2017 David Julius, PhD  
*University of California, San Francisco*
  - 2018 George D. Yancopoulos, MD, PhD  
*Regeneron Pharmaceuticals, Inc.*
  - 2019 Richard Tsien, DPhil  
*NYU School of Medicine*