The Sixteenth Jack Peter Green Lectureship In PHARMACOLOGICAL SCIENCES

Andrej Sali, PhD

Associate Dean of Research Professor, Department of Bioengineering and Therapeutics Sciences University of California, San Francisco

"From Integrative Structural Biology to Cell Biology"

Wednesday, November 8, 2023 3:00 pm

Hatch Auditorium Icahn School of Medicine at Mount Sinai 1468 Madison Avenue, 2nd Floor New York, NY 10029

Reception to follow the lecture



Department of Pharmacological Sciences Icahn School of Medicine at Mount Sinai

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The Sixteenth 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.

Andrej Sali, PhD



Prof. Sali received his BSc degree in chemistry from the University of Ljubljana, Slovenia in 1987, studying protein sequence-structurefunction with Prof. Vito Turk, and his PhD degree from

Birkbeck College, University of London, UK in 1991, developing the MODELLER program for comparative modeling of protein structures with Prof. Tom L. Blundell. He performed postdoc research with Prof. Martin Karplus at Harvard University as a Jane Coffin Childs Memorial Fund fellow, studying lattice Monte Carlo models of protein folding.

In 1995, he started as an Assistant Professor at The Rockefeller University, and moved in 2003 to University of California, San Francisco as a Professor of Computational Biology, Bioengineering and Therapeutic Sciences, and Pharmaceutical Chemistry, and California Institute for Quantitative Biosciences (QB3). His honors and awards include Sinsheimer Scholar (1996), Alfred P. Sloan Research Fellow (1998), Irma T. Hirschl Trust Career Scientist (2000), the Zois Award of Science Ambassador of Republic of Slovenia (2007), Fellow of International Society for Computational Biology (2014), Jubilee Professor of Indian Academy of Sciences (2017), Bijvoet Medal (2018), and member of National Academy of Sciences of USA (2018). He was an Editor of Structure in 2002-2021, and a Founder of Prospect Genomix (merged with Structural Genomix (2001) and acquired by Eli Lilly Inc. (2008)); Global Blood Therapeutics (2012) (acquired by Pfizer Inc. (2022)); and Quanta Therapeutics (2018). Dr. Sali develops, applies, and disseminates computational methods for determining and modulating structures and functions of proteins and their assemblies.

The Green Lecturers

2002	Barry S. Coller, 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	Barry S. Coller, 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 * The Nobel Prize in Physiology or Medicine (2021)
2018	George D. Yancopoulos, MD, PhD Regeneron Pharmaceuticals, Inc.
2019	Richard Tsien, DPhil NYU School of Medicine
2021	Bryan L. Roth, MD, PhD University of North Carolina, Chapel Hill
2022	Brian K. Shoichet, PhD University of California, San Francisco