



University of
Rochester Annual
Neuroscience Retreat

May 28th
4:00-5:00 PM

KEYNOTE
SPEAKER

BO CHEN

ASSOCIATE PROFESSOR

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

Dr. Bo Chen began his research training as an undergraduate at Sichuan University, China, and received a BS in Microbiology. He then went on to the University of Miami School of Medicine to receive a PhD in Pharmacology, and later pursued postdoctoral training in the Department of Genetics at Harvard University. He was previously an assistant and associate professor in the Departments of Ophthalmology and Neuroscience at Yale University School of Medicine, and is currently an associate professor at the Icahn School of Medicine at Mount Sinai. Here he is the Director of the Ocular Stem Cell Program, and is affiliated with the Department of Ophthalmology, the Department of Neuroscience, and the Department of Cell, Developmental and Regenerative Biology. He received the Karl Kirchgessner Foundation Award for Retinal Research and was a Pew Scholar in the Biomedical Sciences from 2013-2018. He is a reviewer for numerous publications including, but not limited, to Science, Neuron, eLife, PNAS, and Journal of Neuroscience.

Dr. Bo Chen's research focuses on mechanistic and therapeutic studies of retinal degenerative diseases caused by loss of photoreceptors or retinal ganglion cells, such as age-related macular degeneration, retinitis pigmentosa, and glaucoma. To study these conditions, his laboratory pursues two main strategies: neural regeneration and neural protection.