Stanford Bio-X Interdisciplinary Initiatives
Seed Grants Program Symposium
September 1, 2023
1:30PM
Introduction
Carla Shatz, Sapp Family Provostial Professor, Professor of Biology and Neurobiology, and Catherine Holman Johnson Director of Stanford Bio-X

1:40PM
Deep Learning-Driven Discovery of Dendritic Spine Biology
Carla Shatz, Sapp Family Provostial Professor, Catherine Holman Johnson Director of Stanford Bio-X, and Professor of Biology and of Neurobiology
Daniel Rubin, Professor of Biomedical Data Science, Radiology, Medicine, and (by courtesy) of Ophthalmology
Maja Djurisic, Senior Research Scientist, Shatz Lab
Xuerong Xiao, Rubin Lab alum, now at NVIDIA
For full abstract, please see: biox.stanford.edu/shatz-rubin-djurisic-xiao-abstract

2:20PM
Ultrasound-Controlled in vivo Gene Editing via Photoswitchable CRISPR-Cas9
Guosong Hong, Assistant Professor of Materials Science & Engineering
Michael Lin, Associate Professor of Neurobiology, of Bioengineering, and (by courtesy) of Chemical & Systems Biology
Wendy Gu, Assistant Professor of Mechanical Engineering
For full abstract, please see: biox.stanford.edu/hong-lin-gu-abstract

3:00PM
From Transcription Factor Binding to Function: Understanding and Engineering Stem Cell Pluripotency Network by Repurposing CRISPR/Cas9
Jan Skotheim, Professor of Biology and (by courtesy) of Chemical & Systems Biology
Marius Wernig, Professor of Pathology and (by courtesy) of Chemical & Systems Biology
Stanley Qi, Associate Professor of Bioengineering
Ali Shariati, Skotheim lab alum, now an Assistant Professor of Biomolecular Engineering at the University of California Santa Cruz
For full abstract, please see: biox.stanford.edu/skotheim-wernig-qi-shariati-abstract

3:45PM-5:30PM
Scientific Poster Session