



Carla Shatz



Maja Djurisc



Guosong Hong



Michael Lin



Wendy Gu



Ali Shariati



Stanley Qi



Daniel Rubin



Jan Skotheim



Xuerong Xiao



Marius Wernig



**STANFORD
BIO-X**

Stanford Bio-X Interdisciplinary Initiatives

Seed Grants Program Symposium

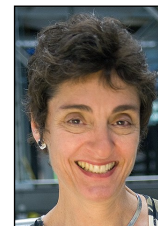
September 1, 2023

STANFORD BIO-X INTERDISCIPLINARY INITIATIVES SEED GRANTS PROGRAM SYMPOSIUM

1:30PM

Introduction

Carla Shatz, Sapp Family Provostial Professor, Professor of Biology and Neurobiology, and Catherine Holman Johnson Director of Stanford Bio-X



CARLA SHATZ



DANIEL RUBIN

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 Djuriscic, Senior Research Scientist, Shatz Lab

Xuerong Xiao, Rubin Lab alum, now at NVIDIA

For full abstract, please see: biox.stanford.edu/shatz-rubin-djuriscic-xiao-abstract



MAJA DJURISIC



XUERONG XIAO

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



GUOSONG HONG



MICHAEL LIN



WENDY GU

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



JAN SKOTHEIM



MARIUS WERNIG



STANLEY QI



ALI SHARIATI

3:45PM-5:30PM

Scientific Poster Session