



Carla Shatz



Maja Djurisic



Guosong Hong



Michael Lin



Wendy Gu



Ali Shariati



Stanley Qi



Jan Skotheim



Daniel Rubin



Xuerong Xiao



Marius Wernig



# STANFORD BIO-X

## Stanford Bio-X Interdisciplinary Initiatives Seed Grants Program Symposium September 1, 2023 – Clark Center Auditorium

1:30pm  
*Introduction*

Carla Shatz, Catherine Holman Johnson Director, Stanford Bio-X

1:40pm

*Deep Learning-Driven Discovery of Dendritic Spine Biology*

Carla Shatz (Biology and Neurobiology), Daniel Rubin (Biomedical Data Science, Radiology, and Medicine), Maja Djurisic (Shatz Lab), and Xuerong Xiao (Rubin Lab alum)

2:20pm

*Ultrasound-Controlled in vivo Gene Editing via Photoswitchable CRISPR-Cas9*

Guosong Hong (Materials Science & Engineering), Michael Lin (Neurobiology and Bioengineering), and Wendy Gu (Mechanical Engineering)

3:00pm

*From Transcription Factor Binding to Function:*

*Understanding and Engineering Stem Cell Pluripotency Network by Repurposing CRISPR/Cas9*

Jan Skotheim (Biology), Marius Wernig (Pathology), Stanley Qi (Bioengineering), and Ali Shariati (Skotheim lab alum)

3:45pm

*Scientific Poster Session in the Clark Center Courtyard*

RSVP online: [biox.stanford.edu/iipsymposium2023](https://biox.stanford.edu/iipsymposium2023)