



2023 Conference Schedule

Co-sponsors:

The Cajal Club, the Allen Institute for Brain Science, and
the UCI Center for Neural Circuit Mapping

Conference Venue:

The Beckman Center of the National Academies of Sciences & Engineering near the
UCI campus

Organizing Committee:

Hongkui Zeng (Allen Institute), Leah Krubitzer (UC Davis),
John Rubenstein (UC San Francisco), Xiangmin Xu (UCI)

External Advisory Board:

Edward Callaway (Salk), Liqun Luo (HHMI/Stanford U.),
Hongkui Zeng (Allen Institute), Bing Ren (UC San Diego)

Day 1 - Monday, August 21

7:30 - 8:15 a.m. Continental Breakfast
8:15 - 8:30 a.m. Welcome & Introduction

Session 1: Cell Types and Circuits (Chair, Hongkui Zeng, PhD)

8:30 - 9:20 a.m. Keynote speaker, Hongkui Zeng, PhD (Allen Institute)
9:20 - 9:55 a.m. Maria Antonietta Tosches, PhD (Columbia University)
9:55 - 10:30 a.m. Yuki Oka, PhD (California Institute of Technology)
10:30 - 10:50 a.m. Break
10:50 - 11:25 a.m. Silvia Arber, PhD
(Biozentrum and Friedrich Miescher Institute Basel, Switzerland)
11:25 - 12:00 p.m. Fan Wang, PhD (Massachusetts Institute of Technology)
12:10 - 1:30 p.m. Lunch / Poster Session

Session 2: Circuit Development (Chair, Liqun Luo, PhD)

1:30 - 2:05 p.m.	Denis Jabaudon, MD, PhD (University of Geneva, Switzerland)
2:05 - 2:40 p.m.	Hollis T. Cline, PhD (The Scripps Research Institute)
2:40 - 3:15 p.m.	Corey Harwell, PhD (UC San Francisco)
3:15 - 3:35 p.m.	Break
3:35 - 4:10 p.m.	Nenad Sestan, MD, PhD (Yale University)
4:10 - 4:45 p.m.	Sergiu Pasca, MD (Stanford University)
5:00 - 6:30 p.m.	On-site reception for all attendees
6:30 p.m.	Speaker Dinner (location to be determined)

Day 2 - Tuesday, August 22

7:30 - 8:30 a.m.	Continental Breakfast
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Session 3: Systems and Function (Chair, Leah Krubitzer, PhD)

8:30 - 9:30 a.m.	PJ Harman Lecture, Cajal Club: Tirin Moore, PhD (Stanford University)
9:30 - 10:05 a.m.	Cory Miller, PhD (UC San Diego)
10:05 - 10:40 a.m.	Cris Niell, PhD (University of Oregon)
10:40 - 11:00 a.m.	Break
11:00 - 11:35 a.m.	Karen Sears, PhD (UC Los Angeles)
11:35 - 12:10 p.m.	Leah Krubitzer, PhD (UC Davis)
12:10 - 1:30 p.m.	Lunch / Poster Session

Session 4: Developmental Disorders of Connectivity (Chair, John Rubenstein, PhD)

1:30 - 2:15 p.m.	Thomas Südhof, MD (Stanford University) Distinguished Nobel Laureate Presentation
2:15 - 2:50 p.m.	Anna Victoria Molofsky, MD, PhD (UC San Francisco)
2:50 - 3:15 p.m.	Break
3:15 - 3:50 p.m.	Linda Richards, PhD (Washington University in St. Louis)
3:50 - 4:25 p.m.	John Rubenstein, MD, PhD (UC San Francisco)
4:25 - 5:00 p.m.	John Ngai, PhD (BRAIN Initiative, NIH)

Day 3 - Wednesday, August 23

7:30 - 8:15 a.m. Continental Breakfast

Session 5: Special & Selected Presentations (Chair, Edward Callaway, PhD)

8:15 - 9:35 a.m. Special talks from the Cajal Institute (Madrid, Spain) and other Spanish institutions

Ruth Benavides-Piccione, PhD

Carlos Vicario, PhD

Sandra Jurado, PhD

Juan M. Encinas, PhD

9:35 - 10:15 a.m. Selected talks:

Laszlo Zaborszky, MD, PhD (Rutgers University)

Don B. Arnold, PhD (University of Southern California)

10:15 - 10:40 a.m. Break

10:40 - 12:00 p.m. Selected talks:

Xiaoxiao Lin, PhD (UC Irvine)

Shen-Ju Chou, PhD (Academia Sinica)

Alec J. Davidson, PhD (Morehouse School of Medicine)

Michel Baudry, PhD (Western University of Health Sciences)

12:00 - 1:30 p.m. Lunch

Session 6: Conference Workshops

1:30 - 5:00 p.m. (1) Spatial Transcriptomics (90+ minutes) presented by Vizgen
(2) Miniscope imaging (90+ minutes) by UCLA Miniscope

5:00 p.m. Main conference end

Additional Events - Thursday, August 24

4D Nucleome Consortium & Vizgen Co-hosted Bootcamps [Interdisciplinary Science and Engineering Building (ISEB), UCI]

8:30 - 3:30 p.m. MERSCOPE Bootcamp
(selected applicants only, live stream available, ISEB 1310)

8:30 - 3:30 p.m. Statistics Bootcamp for Neuroscience & Single Cell Omics Data
Analysis, ISEB 1200