



MEETING AGENDA

CaMKII and its Role as a Self-tuning Structural Protein at the Synapse

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
October 27-30, 2019

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Organizers:

Yasunori Hayashi, Kyoto University
Johannes Hell, University of California, Davis

The Ca²⁺/calmodulin-dependent protein kinase CaMKII is the most abundant non-cytoskeletal protein at the synapse. Despite a number of studies on CaMKII function, many unexplained findings and open questions remain. This Banbury meeting convened experts to stimulate discussion, seed new ideas, and facilitate collaboration in ways that will accelerate new discoveries about CaMKII regulation at both the basic and translational levels.

SUNDAY, OCTOBER 27

Afternoon Participant Arrivals

6:00 pm Reception, dinner

MONDAY, OCTOBER 28

7:15 am Breakfast

8:30 am **Welcome and Introductory Remarks**

Rebecca Leshan, Director, The Banbury Center, Cold Spring Harbor Laboratory

Yasunori Hayashi, Kyoto University, Japan

Johannes Hell, University of California, Davis, USA



8:45 am SESSION 1: The Bigger Picture

Mary Kennedy, California Institute of Technology, Pasadena, USA
Howard Schulman, Stanford University School of Medicine & Panorama Research Institute, Palo Alto, USA
Roger Nicoll, University of California, San Francisco, USA
Richard Tsien, New York University Neuroscience Institute, New York, USA

12:00 pm Luncheon

1:30 pm SESSION 2: Cell Biology

Leslie Griffith, Brandeis University, Waltham, USA
Roger Colbran, Vanderbilt University, Nashville, USA
Paul De Koninck, Université Laval, Quebec, Canada
Ryohei Yasuda, Max Planck Florida Institute for Neuroscience, Jupiter, USA

4:15 pm SESSION 3: Role in Synaptic Plasticity I

Karen Zito, University of California, Davis, USA

6:00 pm Reception, dinner

TUESDAY, OCTOBER 29

7:15 am Breakfast

8:30 am [continued] **SESSION 3: Role in Synaptic Plasticity I**

Ulli Bayer, University of Colorado Anschutz Medical Campus, Aurora, USA
Hideji Murakoshi, National Institute for Physiological Science,

10:15 am SESSION 4: In Vivo Perspectives

Geeske van Woerden, Erasmus Medical Center, Rotterdam, Netherlands
Yasunori Hayashi, Kyoto University, Japan
Margaret Stratton, University of Massachusetts Amherst, USA
Eleonora Grandi, University of California, Davis, USA

12:30 pm Luncheon

2:00 pm SESSION 5: Role in Synaptic Plasticity II

Tomohisa Hosokawa, Kyoto University, Kyoto, Japan
Mingjie Zhang, Hong Kong University of Science and Technology, Hong Kong
Katherine Roche, National Institute of Neurological Disorders and Stroke, Bethesda, USA
Mark Dell'Acqua, University of Colorado School of Medicine, Aurora, USA
Johannes Hell, University of California, Davis, USA

6:00 pm Reception, dinner



WEDNESDAY, OCTOBER 30

7:15 am Breakfast

8:30 am **SESSION 6: Structure**

John Kuriyan, University of California, Berkeley, USA

Steven Vogel, National Institutes of Health, Rockville, USA

10:30 am **SESSION 7: Meeting Wrap-up**

Yasunori Hayashi & Johannes Hell

11:45 am Luncheon

2:00 pm Participant departures

— END OF PROGRAM —



MEETING PARTICIPANTS

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Roger Colbran, Vanderbilt University
Paul De Koninck, Université Laval
Mark Dell'Acqua, University of Colorado School of Medicine
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Steven Vogel, National Institutes of Health
Ryohei Yasuda, Max Planck Florida Institute for Neuroscience
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