



**Cold Spring Harbor Laboratory**  
MEETINGS & COURSES PROGRAM

# **Ion Channels in Synaptic & Neural Circuit Physiology**

**June 7<sup>th</sup> – June 27<sup>th</sup>**

**Beckman Neuroscience Building – Top Floor**

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## **INSTRUCTORS:**

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The Scripps Research Institute, La Jolla, CA  
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| <b>Tuesday, June 7</b><br><b>9:00am</b>    | <b>John Huguenard, Stanford University, Stanford, CA</b><br>Fundamentals of Neurophysiology   |
| <b>Wednesday June 8</b><br><b>9:00am</b>   | <b>Christoph Schmidt-Hieber, Institut Pasteur, Paris, France</b><br>“Series resistance compensation”  |
| <b>4:00pm</b><br><b>(Grace Auditorium)</b> | <b>Jan Witkowski, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY</b><br>“Ethics, Rigor & Reproducibility”  |
| <b>Thursday, June 9</b><br><b>9:00am</b>   | <b>Lonnie Wollmuth</b><br>“Ion channel overview”  |
| <b>Friday, June 1</b><br><b>9:00am</b>     | <b>Angelika Lampert, RWTH Aachen University, Aachen, Germany</b><br>“Na <sup>+</sup> channels”  |
| <b>Saturday, June 11</b><br><b>9:00am</b>  | <b>Christine Beeton, Baylor College of Medicine, Houston, TX</b><br>“K <sup>+</sup> channels”   |
| <b>Monday, June 13</b><br><b>9:00am</b>    | <b>Henry Colecraft, Columbia University, New York, NY</b><br>“Ca <sup>2+</sup> channels”  |
| <b>Tuesday, June 14</b><br><b>9:00am</b>   | <b>Jelena Baranovic, University of Edinburgh, Edinburgh, United Kingdom</b><br>“Signal channels recordings”   |
| <b>Wednesday, June 15</b><br><b>9:00am</b> | <b>Sonia Gasparani, Louisiana State University, New Orleans, LA</b><br>“I <sub>h</sub> current and HCN channels”  |
| <b>Thursday, June 16</b><br><b>9:00am</b>  | <b>Matthew Xu-Friedman, University of Buffalo, Buffalo, NY</b><br>“Quantal analysis”  |
| <b>Friday, June 17</b><br><b>9:00am</b>    | <b>Linda Overstreet-Waldiche, University of Alabama at Birmingham, Birmingham, AL</b><br>“Synaptic Inhibition”  |
| <b>Saturday, June 18</b><br><b>9:00am</b>  | <b>Jeremiah Cohen, The Johns Hopkins University, Baltimore, MD</b><br><b>Tim, Harris, HHMI Janelia Research Campus, Ashburn, VA</b><br>“Extracellular Recordings” |



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| <b>Monday, June 20<br/>9:00am</b>    | <b>Jesper Sjostrom, McGill University, Montreal, Canada</b><br>“Synaptic Plasticity”                                      |
| <b>Tuesday, June 21<br/>9:00am</b>   | <b>Lief Fenno, University of Texas at Austin, Austin, TX</b><br>“Opsins Biophysics”                                       |
| <b>Wednesday, June 22<br/>9:00am</b> | <b>Ian Duguid, University of Edinburgh, Edinburgh, United Kingdom</b><br>“In vivo patch-clamp recording”                  |
| <b>Thursday, June 23<br/>9:00am</b>  | <b>Jayeeta Basu, New York University School of Medicine, New York, NY</b><br>“Synaptic integration & dendritic recording” |
| <b>Friday, June 24<br/>9:00am</b>    | <b>Megan Creed, Washington University in St. Louis, St. Louis, MO</b><br>“Circuit mapping with opsins”                    |
| <b>Saturday, June 25<br/>9:00am</b>  | <b>Jeff Magee, Baylor College of Medicine, Houston, TX</b><br>“Plenary Lecture”   |