2016 Dept. of Neuroscience Retreat

MBL, Woods Hole, MA

Tentative Schedule:

FRIDAY, APRIL 29

8:30am - Depart Medical School

12:00pm - Lunch at MBL

1:20-1:30pm – Opening Remarks by Pietro De Camilli

1:30-2:50pm - Session 1 (3 talks, 20 minutes + 5 minutes for questions, each)
Section chair: Jacob Lister, Crair lab
- Daeyeol Lee: Brain and Reward
- Alex Kwan: Neural dynamics in the frontal cortex during flexible behavior
- Damon Clark: Direct measurement of correlation responses in Drosophila elementary motion detectors

BREAK - 15 minutes

3:05-4:25pm - Session 2 (3 talks)
Section chair: Jeeyun Chung, De Camilli lab
- Sreeganga Chandra: Maintenance Crew at the Synaptic Terminal
- Daniel Colon-Ramos: Synapse formation and maintenance: lessons from C. elegans
- Nenad Sestan: Development and Evolution of Neocortical Projection Systems

BREAK - 15 minutes

4:40-5:35pm - Session 3 (2 talks)
Section chair: Liz Salm, Susumu lab
- Gordon Shepherd: Analyzing the cellular basis of large neural systems; the roles of experiment, theory, and neuroinformatics
- Elena Gracheva: How do hibernators deal with temperature extremes?

5:35-7:00pm - Dinner

7:30-8:30pm - After Dinner Talk

- Pasko Rakic: My Yale Experience: Role of Genes and Environment

8:30-10:00pm - Posters and Drinks

SATURDAY, APRIL 30

7:00-8:30am - Breakfast

9:00-10:20am - Session 4 (3 talks)
Section chair: Lizz Sun, De Camilli lab

- Jess Cardin: Functional flexibility: Interneuron contributions to cortical circuits in health and disease
- George Dragoi: Neuronal ensembles underlying internally-generated representations
- Susumu Tomita: Molecular rules governing synaptic transmission

BREAK - 15 minutes

10:35-11:55am - Session 5 (3 talks)
Section chair: Rui Dong, De Camilli lab
- Steve Strittmatter: TBD
- Amy Arnsten: Increased risk for degeneration in the aging cortex
- Marc Hammarlund: Mitochondria localize to injured neurons to support regeneration

12:00-1:00pm - Lunch

1:20-1:40pm - Group Photo

2:00-2:50pm - Session 6 (2 talks)
Section chair: Alexandra Gribizis, Crair lab
- Michael Crair: The Development of Spontaneous Activity in Neonatal Mice
- Pietro De Camilli: Membrane contact sites within neurons: an inter-organelle “connectome"

2:50-3:10pm
- Michael Crair: Discussion of campus climate issues

4:00pm - Depart MBL