2014. 9. 16（火）
10:00-11:00

講演者：Thomas Blanpied 准教授

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演　題：Nanoscale organization and dynamics of single synapses

Precise modulation of the brain's excitatory synapses underlies diverse forms of neural plasticity. The overall aim of the work by the group of Dr. Blanpied is to understand how synapse structure enables fine tuning of synaptic function. As this is essentially a question of how macromolecular dynamics play out in the neuron, they study this in live cells and most recently have used single-molecule imaging techniques to visualize in unprecedented detail the protein organization and dynamics of signaling at single synapses.

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