

210th

iCeMS Seminar

July 26, 2017
10:30 am–12:00 pm

KUIAS/iCeMS Project building Rm 119

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Synapse development of neuron: focus on dendritic mRNAs

Neurons receive their excitatory synaptic inputs at specialized compartments called dendritic spines. Altered spine morphology is associated with neurodevelopmental disorders, underscoring the importance of proper spine maturation in brain function. Here I will describe the importance of kinesin-mediated dendritic transport in the control of spine morphology, and discuss how we gain new insights into synapse development through characterization of dendritically localized mRNAs.

More details are available at the iCeMS website:
www.icems.kyoto-u.ac.jp

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