



Institute colloquium

The Institute Colloquium: Shedding light on synapse formation

Stephan Sigrist

Freie Universität Berlin

Host:

Synapses process and store information, and might be a target for aging and neurodegenerative processes in our brains. Our group established protocols to directly visualize protein dynamics during synapse assembly and plasticity in living animals (*Drosophila* larvae) using confocal microscopy, and adapted high-resolution light microscopy (stimulated emission depletion microscopy, STED) for the analysis of synapse substructures. Data on the protein architectures organizing the synaptic vesicle release process at presynaptic terminals, as well as on the coordinated assembly of pre- and postsynaptic specializations, will be presented.

Monday, April 29, 2013 04:30pm - 05:30pm

Raiffeisen Lecture Hall, Central Building



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: <https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.