



Life Sciences Seminar

Spatial and temporal control of synaptic vesicle exocytosis and endocytosis

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Host: Peter Jonas

Synaptic vesicles fuse with the plasma membrane for neurotransmission. Subsequently, these vesicles are retrieved, and new vesicles are reconstituted locally at synapses. However, how exocytosis and endocytosis are controlled spatially and temporally remains enigmatic. We developed novel techniques in electron microscopy to capture membrane and protein dynamics with millisecond temporal resolution. In the seminar, I will discuss our recent progress on when, where, and how vesicles are consumed and recycled at synaptic terminals.

Tuesday, November 5, 2019 11:00am - 12:00pm

IST Austria Campus Mondi Seminar Room 2, Central Building



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