



Seminar/Talk

When Biochemistry Meets Geometry: Spatial and Biochemical Determinants of Rab5 Activation

Ivana Matijevic

Loose Group

Host:

Understanding what sets the timing of cellular activation remains a central challenge in dynamic signaling systems. Rab5 activation on membranes emerges from a feedback-driven, threshold-controlled process shaped by catalytic input, substrate availability, and spatial confinement. Here, we probe how spatial scale interacts with inhibitory (GDI) and activating mechanisms (RR) to shape temporal responses. By systematically varying these parameters, we aim to better understand their roles and uncover how Rab5 activation emerges from coupled spatial and biochemical input.

Thursday, February 19, 2026 01:00pm - 02:00pm

Central Bldg / O1 / Mondi 2a&b



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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<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.