



Institute colloquium

The Institute Colloquium: Molecular machines in action: architecture, structural plas

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Host:

What keeps cells and organisms alive are specific functions performed by highly organized macromolecular assemblies. Our research group wants to understand the architectural design and underlying molecular principles of these biological nanomachines .

In particular, we are interested in membrane-associated processes, which are a fundamental characteristic of all living cells. They ensure that individual cells are able to effectively communicate with, and adapt to, their environment. Cells achieve this by either physically translocating molecules to the opposite site of a membrane (translocation) or by receiving, transmitting, and amplifying incoming signals (signal transduction). We use an integrated approach by combining modern molecular biology, genetic, biochemical, bioengineering and structural tools (cryoEM) to directly visualize such molecular machines in action.

Monday, December 2, 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.