



Colloquium

Institute Colloquium: Houdini Proteins: Discovery and Applications of Ultrafast In

Tom Muir

Princeton University

Host:

Inteins are auto-processing domains found in organisms from all domains of life. These proteins are molecular escape artists that spontaneously excise themselves in a traceless manner from essentially any protein sequence in which they are inserted. Protein chemists have exploited various facets of intein reactivity to modify proteins in myriad ways for both basic biological research as well as potential therapeutic applications. Here, I discuss our recent insights into how inteins catalyze protein splicing and how this has led to the development of new methods for the manipulation of protein structure in the test tube and in cells. These applications will be highlighted through specific applications in the area of chromatin biology.

Monday, June 23, 2014 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.