



Colloquium

The Institute Colloquium: Probing lung stem cells and cancer at single cell resolution

Mark Krasnow
Stanford University

Host:

We are using single cell labeling and clonal analysis in mice to map lung progenitor and stem cells and characterize their behavior in vivo, and single cell RNAseq to define the complete molecular programs that control stem cell biology and behavior. This reveals a new class of stem cells that is fully differentiated but otherwise shares all the properties of conventional stem cells. These stem cells are the cell of origin of the most common form of lung cancer, and we present evidence that the stem cell control program is coopted by the oncogenic mutations that drive transformation.

Monday, April 20, 2015 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.