



FriSBI

Cellular drivers of injury response and regeneration in the zebrafish heart

Jan Philipp Junker (Max Delbrück Center, Berlin Institute for Medical Systems Biology)
Host: Anna Kicheva

We recently developed LINNAEUS, a CRISPR/Cas9-based method for simultaneous transcriptome profiling and lineage tracing of thousands of single cells. Here, we use this approach to reveal principles of heart regeneration in adult zebrafish. We identify the origin and function of transient pro-regenerative cell states that are generated upon injury, and we determine mechanisms of cell type activation.

Friday, April 23, 2021 03:00pm - 04:00pm

IST Austria Campus [https://istaustria.zoom.us/j/96694528178?](https://istaustria.zoom.us/j/96694528178?pwd=bnU1M09idWl0XFZRlFb2tWbzRxZz09)

[pwd=bnU1M09idWl0XFZRlFb2tWbzRxZz09](https://istaustria.zoom.us/j/96694528178?pwd=bnU1M09idWl0XFZRlFb2tWbzRxZz09)

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.

