Seminar/Talk

Optimality for developmental robustness

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Host: Edouard Hannezo

Tissue patterning depends on the coordination between cellular dynamics, fate specification and tissue morphogenesis. Understanding how precision in patterning is robustly achieved despite the inherent developmental variability remains a challenge. Our group aims to understand the design principle of multi-cellular organisms using early mammalian embryos as a model system. Our studies showed that feedbacks between cell fate, polarity and cell/tissue mechanics underlie the robust formation of early mouse embryos. I will discuss our recent work that presents yet another mechanism that ensures robustness in development.

Thursday, April 24, 2025 02:00pm - 03:00pm
Mondi Seminar Room 2, 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.