Yale SCHOOL OF MEDICINE
GENETICS DEPARTMENT SEMINAR SERIES

Design principles of tissue organization during organoid development

Multicellular organisms are composed of cells with identical genomes but different properties and functions. They all develop from one cell to form multicellular structures of astounding complexity. I will present how cellular interactions generate emergent tissue scale properties and drive spatio-temporal coordination during development and regeneration. Moreover, I will present the molecular mechanisms underlying intestinal organoid self-organization and the role of cell-to-cell variability in populations of differentiating cells during symmetry breaking.

Dr. Prisca Liberali, PhD

Assistant Professor

The Friedrich Miescher Institute for Biomedical Research

Host: Dr. Kaelyn Sumigray, PhD
Assistant Professor
YSM Department of Genetics

Tuesday, September 14, 2021

11:30am - 12:30pm

Zoom Link

pw: 473124

The Genetics Calendar of Events can be viewed on-line at
https://medicine.yale.edu/genetics/events/seminars.aspx