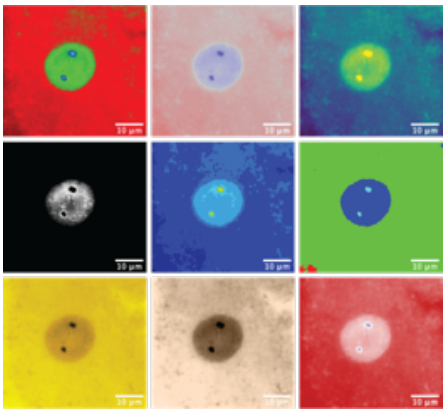


SFB 1565 Seminar

SFB1565

Prof. Nadine Vastenhouw

Center for Integrative Genomics (CIG) Génopode University of Lausanne, Switzerland

Initiating transcription in embryos - A role for nuclear organization

There is accumulating evidence for a new gene expression paradigm, in which genes and transcription factors cooperate to create specialized transcription bodies. These are dynamic liquids, with quick exchange of molecules between the condensates and the nucleoplasm. While these bodies have gained a lot of interest in recent years, they are generally hard to study because they are small, abundant, and short-lived. A few years ago, we discovered that in zebrafish embryos, transcription begins in two transcription bodies that are large, isolated, and long-lived. These provide us with an excellent system to investigate how transcription bodies form and function. I will discuss our latest results.

Tuesday, November 17, 2026, 03:00 pm
Ludwig Prandtl Hall, Faßberg-Campus, MPI-NAT, Göttingen

Hosted by Dr. Sonja Lorenz