



Yale SCHOOL OF MEDICINE

GENETICS DEPARTMENT SEMINAR SERIES

Mechanisms of gastrulation: from zebrafish to human

Gastrulation is a fundamental morphogenetic process during animal embryogenesis that generates the mesoderm, endoderm, and ectoderm germ layers and, through coordination of cell proliferation, migration and rearrangement, shapes them into a blueprint of the body plan. I will discuss forward and reverse genetic approaches we pursue in zebrafish and human embryonic stem cells 2D micropatterned gastruloid platform to define the genetic hierarchies underlying the formation and shaping of the germ layers.



Dr. Lilianna Solnica-Krezel, PhD

Alan A. and Edith L. Wolff Distinguished Professor & Head
Department of Developmental Biology
Washington University School of Medicine

Host: Dr. Mina Kojima, PhD

Postdoctoral Fellow
YSM Department of Genetics

Tuesday, March 16, 2021

11:30am - 12:30pm

[Zoom Link](#)

pw: 7852649

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