Physical Concepts in Stem Cell Biology

August 6-10 2017
Tisvildeleje, Denmark

When and where do physical forces and intercellular regulatory networks lead to self-organization, emergence and universality in developing organisms? How can quantitative and dynamic measurements from single cells and organs be used to understand the development of complex processes and patterns in organ/organism formation and maintenance?

In this workshop we hope to challenge biological and physical perspectives to outline unifying concepts across disciplinary boundaries and model systems.

Confirmed speakers

Aulehla, Alexander
Briscoe, James
Enver, Tariq
Fraser, Scott
Garcia Ojalvo, Jordi
Guck, Jochen
Hadjantonakis, Anna-Katerina
Hiiragi, Takashi
Horsley, Valerie
Jönsson, Henrik
Kaneko, Kunihiko

Krishna, Sandeep
Lionnet, Timothee
Mahadevan, L.
Martinez-Arias, Alfonso
Oates, Andrew
Papalopulu, Nancy
Pera, Martin
Schröder, Timm
Vermot, Julien
White, Mike

Organizers
Lene Oddershede, Joshua Brickman
Anne Grapin Botton, Mogens H Jensen
Elke Ober and Ala Trusina

http://stemphys.nbi.ku.dk/workshops/workshop-on-physical-concepts-in-stem-cell-biology/