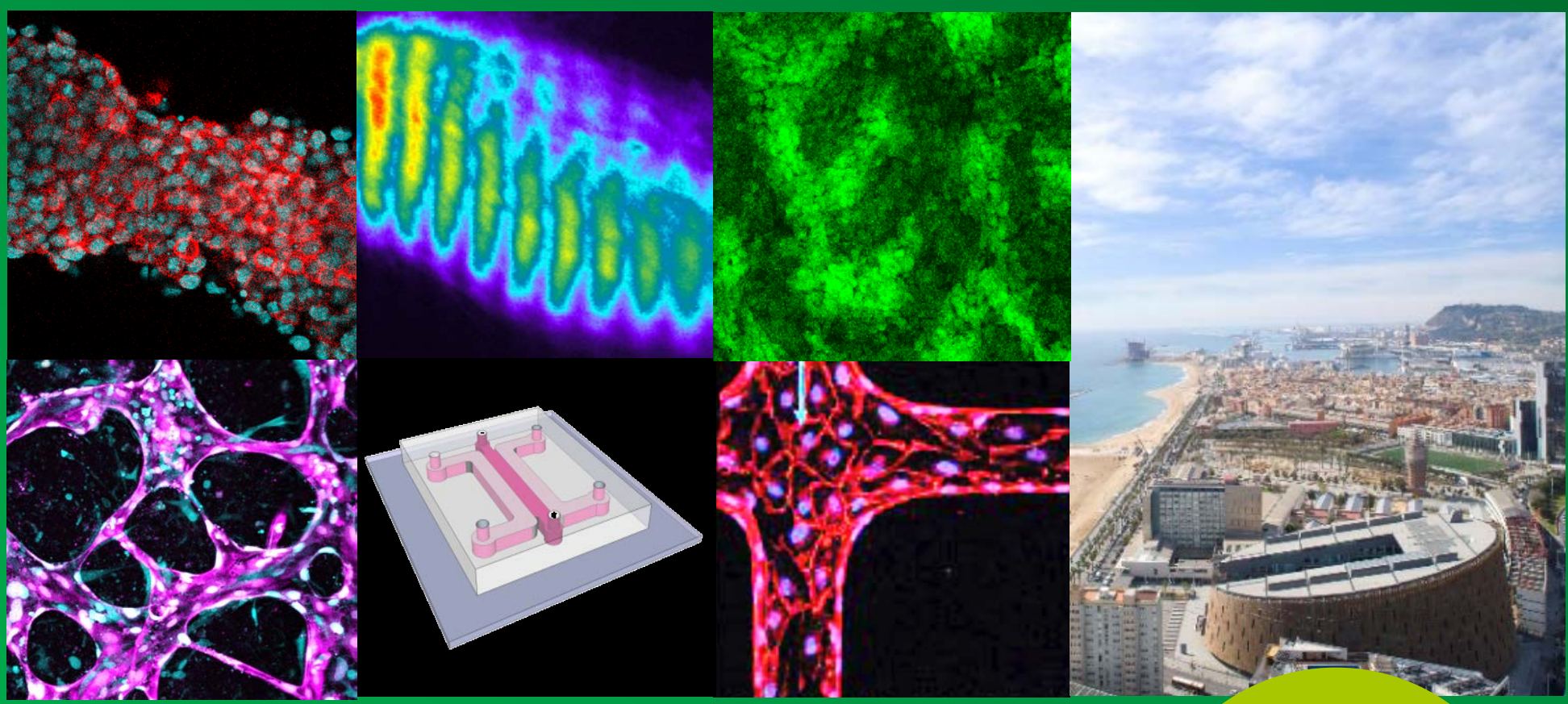
EMBL Barcelona Postdoc Seminar Series



Give an online Seminar at EMBL Barcelona

Apply here by 31st July 2020

An organ or a tissue is much more than just a collection of cells – it has genetic patterns, an array of specific cell types, 3D structure and intricate vasculature. Tissues are dynamic – they form, maintain and fix themselves through a coordinated balance of genetic programming and self-organization. At the European Molecular Biology Laboratory (EMBL) Barcelona our goal is to understand and engineer this fundamental level of organization. We use a combination of molecular manipulation, dynamic imaging, computational modelling and tissue engineering, to unveil how tissues develop, work and respond to disease, and to explore how to build new tissue models *in vitro*.

EMBL Barcelona benefits from being located in the highly collaborative, interdisciplinary and international environment of the Barcelona Biomedical Research Park (PRBB), one of the largest biomedical research infrastructures in Southern Europe. Being the youngest site of European Molecular Biology Laboratory (started in 2017) we currently have 5 research groups, and will be growing to include 2 more group leaders in the area of tissue biology and disease modelling.

We are now excited to interact with young researchers working in the areas of *in vitro* tissues including, but not limited to, organoids, tissue homeostasis, regeneration, and tissue engineering. We are starting a new EMBL Barcelona Postdoc Seminar Series to run over the next few years, which aims to invite postdocs who wish to share their exciting research findings (both published and unpublished) and future directions with us. If you are interested in a virtual visit to EMBL-BCN, including a seminar and discussions with our researchers, please get in touch at postdocseminar@embl.es with your CV and a short (300 words) description of your current and future research directions. We will have rolling deadlines throughout the year for applying. First deadline is: **31st July 2020**. We look forward to hearing from you!

www.embl.org

Tissue Biology and Disease Modelling

Maria Bernabeu
In vitro 3D blood-brain barrier model and cerebral malaria

Miki Ebisuya
Synthetic developmental biology: gene circuit and organoid zoo

Kristina Haase
Engineering vascularised tissue-specific disease models

James Sharpe
Multicellular systems biology

Vikas Trivedi
Self-organisation in multi-cellular systems

Copyright © EMBL 2019