

Making and Breaking Biological

Barriers *BarrierForce Centre of Excellence Symposium 2026*

 Biomedicum, Helsinki

 2nd June, 2026

International Speakers

Kathleen Green, Northwestern University, US
iCANDOC keynote – Integrating Physical and Immune Barriers through Desmosomes

Alf Honigmann, BIOTEC Dresden, DE
How cells make tight junctions

Laura Machesky, University of Cambridge, UK
Mechanosensing and macropinocytosis in pancreatic cancer

Aurélien Roux, University of Geneva, CH
Organisation of forces and order during the elongation of gastruloids

Michael Sixt, IST, AT
Mechanics and energetics of migrating leukocytes

Julia Yeomans, University of Oxford, UK
Modelling epithelial tissues as active materials



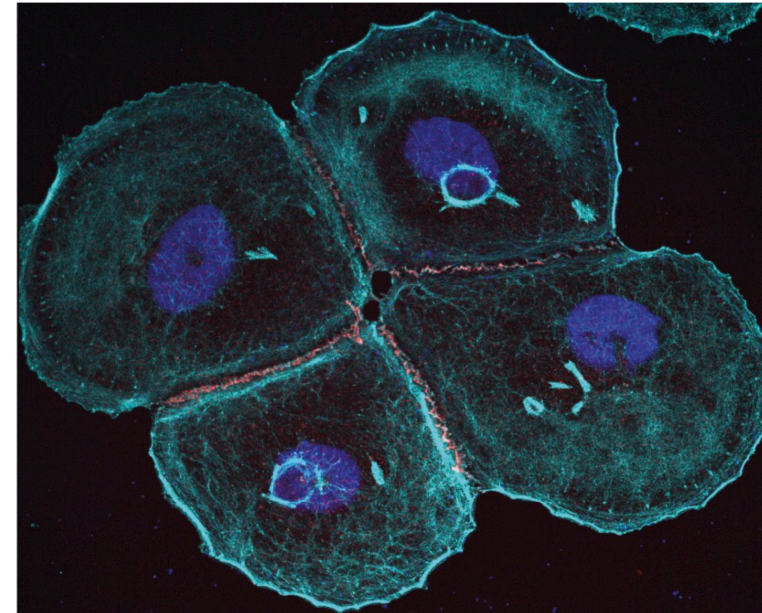
Programme



Registration

Free Registration - Deadlines:

- Poster/flash talk: May 3rd
- Participation only: May 18th



Organising Committee

- Johanna Ivaska
- Pipsa Saharinen
- Pekka Lappalainen
- Ilpo Vattulainen
- Sara Wickström



iCANDOC



UNIVERSITY
OF HELSINKI



UNIVERSITY
OF TURKU

HiLIFE
HELSINKI INSTITUTE OF LIFE SCIENCE

