

32nd BioCity Symposium

SCULPTING TISSUES – CELLS, MATRIX AND FORCES



PROGRAM

THURSDAY, 24 AUGUST 2023

08:30 Mikael Lindfelt, Rector, Åbo Akademi University
Opening words and presentation of the Elias Tillandz prize for the best publication in BioCity Turku 2022

KEYNOTE LECTURE

09:00 Fiona Watt, EMBO director, Directors' Research Unit, EMBL-Heidelberg, Germany
Exploring stem cell dynamics in human skin

SESSION I

09:45 Alexandra Naba, University of Illinois at Chicago, USA
Proteomic exploration of the ECM in health and disease

10:30 Poster session A with coffee and tea

11:30 Erik Sahai, The Francis Crick Institute, UK
Cell migration and stromal cells sculpt evolutionary trajectories

12:15 Short talk 1 selected from abstracts

12:30 Lunch and exhibition

SESSION II

13:45 Edouard Hannezo, Institute of Science and Technology Austria, Austria
Mechanochemical bistability of intestinal organoids

14:30 Miki Ebisuya, Physics of Life, TU Dresden, Germany
The stem cell zoo to study species-specific developmental time

15:15 Poster session B with coffee and tea

16:15 Short talk 2 selected from abstracts

16:30 Christopher Chen, The Biological Design Center; Boston University; Harvard University, USA
Building tissues: Harnessing forces of nature

17:15 First symposium day ends

19:00 Symposium Dinner

FRIDAY, 25 AUGUST 2023

SESSION III

09:00 Michael Sixt, Institute of Science and Technology Austria, Austria
Locomotion and navigation of immune cells in complex environments

09:45 Peter Friedl, Radboud University Medical Centre, The Netherlands
Deciphering cancer invasion, metastasis and resistance programs

10:30 Posters with coffee and tea

SESSION IV

11:30 Cecilia Sahlgren, Åbo Akademi University, Turku, Finland; Eindhoven University of Technology, The Netherlands
Forces and signals in vascular homeostasis

12:15 Kairbaan Hodivala Dilke, Barts Cancer Institute, Cancer Research UK Barts Centre, Queen Mary University of London, UK
Cancer blood vessels: New roles in the regulation of cancer growth and spread

13:00 Short talk 3 selected from abstracts

13:15 Lunch and exhibitions

SESSION V

14:30 Short talk 4 selected from abstracts

15:15 Rachel Lennon, Wellcome Centre for Cell-Matrix Research, The University of Manchester, UK
Defining basement membranes: Parts, diversity and disease

16:00 Daniel Krueger, Hubrecht Institute, The Netherlands
Beyond the barrier: Investigating immune cell migration and epithelial shedding

16:45 Klaus Elenius, Scientific Director, BioCity Turku
Closing remarks

www.biocityturku.fi

ORGANISED BY:

BioCity Turku, University of Turku, Åbo Akademi University

REGISTRATION:

www.biocityturku.fi

FURTHER INFORMATION:

biocityturku@bioscience.fi | +358 40 5658 654

ORIGINAL ARTWORK BY:

Sirpa Särkijärvi: *Transcription 87 (Erased)* For the memory of the indigenous people victimised in residential schools.



STIFTELSEN FÖR
ÅBO AKADEMI



InFLAMES
Solution is in Immunity

BioCity Symposium is supported by:

Doctoral Programme in Biology, Geography and Geology (**BGG, UTU**),
Doctoral Programme in Clinical Research (**DPCR, UTU**), Doctoral
Programme in Technology (**DPT, UTU**), Drug Research Doctoral
Programme (**DRDP, UTU**), Finnish Doctoral Program in Oral
Sciences (**FINDOS, UTU**), Turku Doctoral Programme of Molecular
Medicine (**TuDMM, UTU**), National Doctoral Programme in
Informational and Structural Biology (**ISB, ÅAU**), Turku Doctoral
Network in Molecular Biosciences (**MolBio, ÅAU**), Åbo Akademi
University Endowment, Postgraduate Education Unit (**PGE**)