

# BioCity Turku and SmartBIO

## What is what?

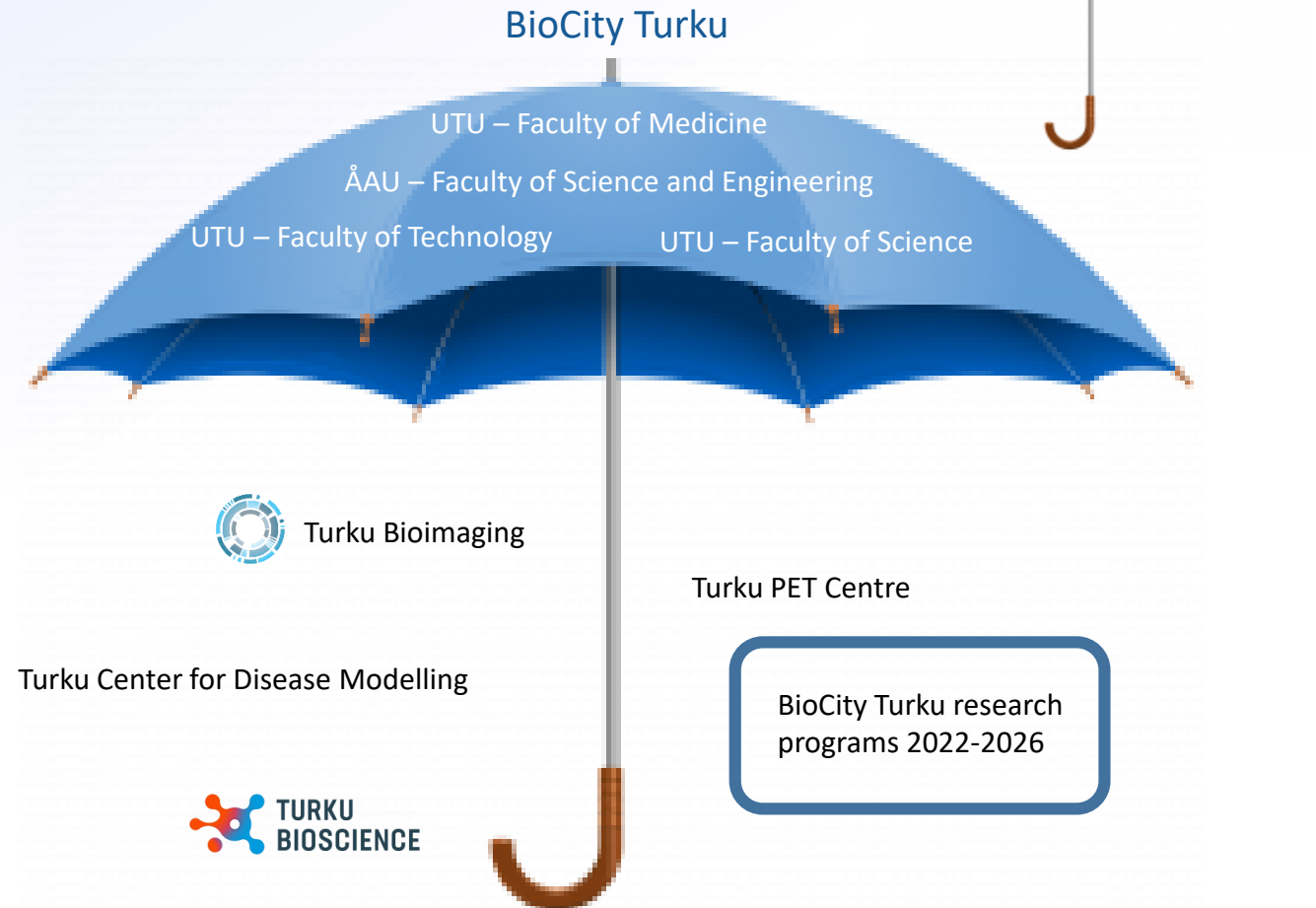
# BioCity Turku

- BioCity Turku is an umbrella organization supporting and coordinating **research on life sciences and molecular medicine** in University of Turku and Åbo Akademi University.
- Scientific director Klaus Elenius
- Coordinator Maija Lespinasse
- Represents both University of Turku and Åbo Akademi University in Biocenter Finland
- Budget distribution
  - BioCity Turku Research Programs
  - Collaborative research funding call
  - Frontiers of Science seminar series
  - BioCity Symposium
  - Elias Tilandz publication prize



# BioCity Turku

- Named after BioCity building
- 140 research groups distributed all around in campus area (UTU and ÅAU)
- More than 1000 researchers
- International research community



**BIOCITY TURKU**  
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ACADEMIC EXCELLENCE IN LIFE SCIENCE AND MEDICINE

# BioCity Turku – Research Programs 2022-2026

- Current programs are for 2022–2026
- Each research program receives 8000 € yearly funding
- **BioMed**: Biomaterials and Medical Devices Research Program
  - Chairs: Sufyan Garoushi, Chunlin Xu
- **CellCom**: Cell Communication Research Program
  - Chairs: Annika Meinander, Emilia Peuhu
- **CompLifeSci**: Computational and Molecular Methodologies for Life Sciences
  - Chairs: Leo Lahti, Tiina Salminen
- **Field of View**: Turku Biological and Medical Imaging Research Program
  - Chairs: Pasi Kankaanpää, Tiina Saanijoki
- **MIRP**: Microbes and Immunity Research Program
  - Chairs: Jukka Hytönen, Arto Pulliainen
- **MIST**: The Multiverse of Immune System
  - Chairs: Pia Rantakari, Laura Elo, Tapio Lönnberg
- **SmartBIO**: Advanced Bioresources and Smart Bioproducts – Towards Sustainable Bioeconomy
  - Chairs: Yagut Allahverdityeva-Rinne, Henrik Grénman
- **TREMENDO**: Etiology, Prevention and Treatment of Metabolic, Endocrine and Developmental Disorders
  - (Chairs: Noora Kotaja, Katja Pahkala)



# SmartBIO

- SmartBIO aims to accelerate innovation on nature-inspired emerging technologies and sustainable circular bioeconomy strategies to support the transition toward fossil-free society
- Chair: Prof. Yagut Allahverdiyeva-Rinne
- Vice-chair: Prof. Henrik Grénman
- Coordinator: Maija Lespinasse
- [www.smartbio.fi](http://www.smartbio.fi)



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A close-up photograph of green pine branches with needles and small brown cones, serving as a background for the banner text.

**Towards Sustainable Bioeconomy**

# SmartBIO

## Primary members:

### UNIVERSITY OF TURKU, DEPARTMENT OF LIFE TECHNOLOGIES:

- Professor [Yagut Allahverdiyeva-Rinne](#) **chair**
- Academician, Research Director [Eva-Mari Aro](#)
- Professor [Kati Hanhineva](#)
- Assistant Professor [Pauli Kallio](#)
- Professor [Paula Mulo](#)
- Professor [Eevi Rintamäki](#)
- Univeristy Teacher [Esa Tyystjärvi](#)
- Senior Lecturer [Taina Tyystjärvi](#)

### UNIVERSITY OF TURKU, DEPARTMENT OF CHEMISTRY:

- Professor [Carita Kvarnström](#)
- Professor [Juha-Pekka Salminen](#)

### UNIVERSITY OF TURKU, DEPARTMENT OF MECHANICAL AND MATERIALS ENGINEERING:

- Assistant Professor [Milica Todorovic](#)

### ÅBO AKADEMI UNIVERSITY, JOHAN GADOLIN PROCESS CHEMISTRY CENTRE (PCC):

- Professor [Johan Bobacka](#)
- Professor [Anders Brink](#)
- Senior Lecturer [Patrik Eklund](#)
- Professor [Henrik Grénman](#) **vice-chair**
- Professor [Tapio Salmi](#)
- Senior Lecturer [Tiina Saloranta-Simell](#)
- Professor [Henrik Saxén](#)

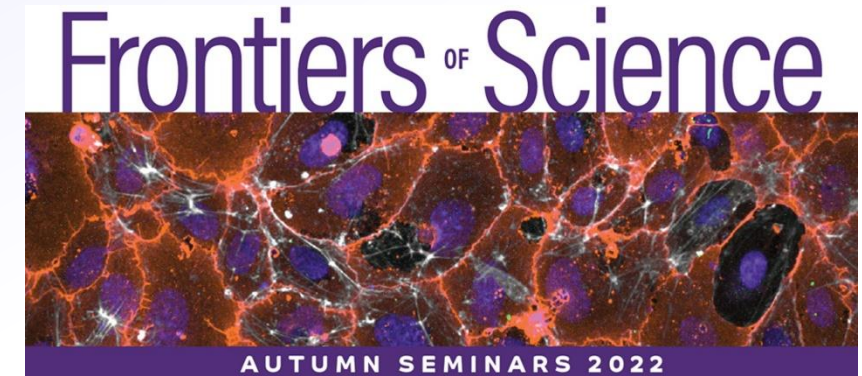
## Associate members:

### ÅBO AKADEMI UNIVERSITY, CENTER FOR FUNCTIONAL MATERIALS (FunMat):

- Professor [Leena Hupa](#)
- Professor [Chunlin Xu](#)

# BioCity Turku – Frontiers of Science seminars

- Arranged since 1998
- BioCity Turku Research Programs suggest the speakers
- BioCity Turku covers for travel costs for the speaker
- Students have their own slot as well
- Students are invited to have lunch with the speaker, no PIs around!
  - Excellent opportunity to start build your own networks!
- ECTs for students
- Coffee and sandwich served at 11:45, no registration needed



“Learn about novel technologies and listen to inspiring talks outside your own research field”

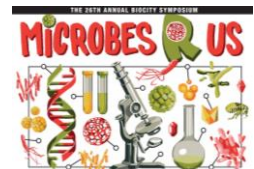
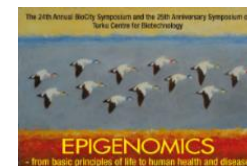
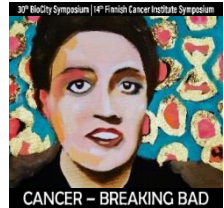
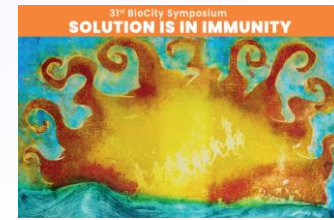


# BioCity Turku – BioCity Symposium

**32<sup>nd</sup> BioCity Symposium: Sculpting Tissues – cells, matrix and forces**  
24–25 August 2023

Mauno Koivisto Centre, BioCity, Turku

<https://biocityturku.fi/biocity-symposium-2023/>





# BioCity Turku – Collaborative Research Funding Call

- BioCity Turku opens yearly a call for research funding [for all BioCity Turku research groups](#).
- From now on there will be a theme for each year
- The funding is intended for [new openings and events](#) promoting research on emerging topics in molecular life sciences and biomedicine.



# BioCity Turku – Elias Tillandz Publication Prize

- The best publication prize of BioCity Turku is named after Professor Elias Tillandz (1640–1693) who brought empirical life sciences to Turku and was the first to publish an academic publication in Turku in 1673.
- The prize is supported by Åbo Akademi University Foundation.



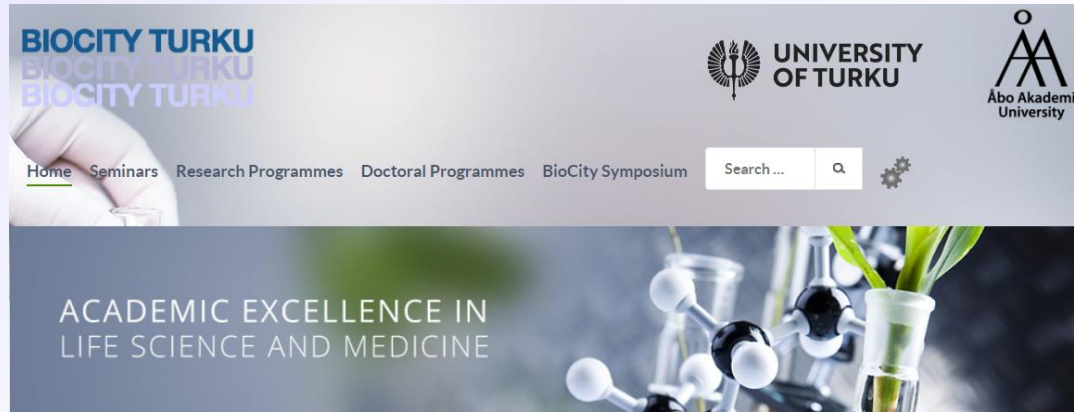
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# BioCity Turku – Contact us!

- [www.biocityturku.fi](http://www.biocityturku.fi)



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Turku BioNet Seminar Calendar