BioCity Turku Announcement 50/2023

This week

* SYS-LIFE Call Launch Event, December 12th at 14:00
* TCRS Christmas Seminar, December 12th at 15:15
* Cytometry Core Open Doors, December 13th at 10:00
* Infections and Immunity Seminar, December 13th at 11:15, Lahti
* Frontiers of Science and lunch for everyone, December 14th at 12:00, Tammela
* IPP meets TREMENDO, December 14th at 14:00, Hamer

Next week

* Let´s Antihassle! Time Management Masterclass, December 19th at 13:00

Next year

* InFLAMES Flagship Seminar, January 17th at 15:00

Open calls

* canSERV
* Brain Gain Programme
* BlueSkies Funding

Open positions

* Postdoctoral Researcher
* Postdoctoral Researcher / Project Researcher
* Senior Planning Officer / Project Coordinator
* Postdoctoral researchers (SYS-LIFE)

Links to recruitment pages

Turku BioNet Seminar Calendar
Kiinamyllyn viikkokalenteri
PGE Course Calendar

SYS-LIFE Call Launch Event

December 12th at 14:00
Hybrid Event
Dentalia, Dent 2 and Zoom

SYS-LIFE offers 22 postdoctoral researcher positions for 3 years:

- Bottom-up approaches aimed at breakthroughs in cardiometabolic and brain health
- Mentoring, personal and group training, plus options to move freely between sectors
- Connects science results with practical know-how, infrastructure, and Proof-of-Concept funds

FIRST CALL is now open! An information session for applicants where the SYS-LIFE staff will introduce the Call, explain the applications and reviews process and answer questions. A recording/Powerpoint slides of the event will be placed on SYS-LIFE webpage.

Program:

14.00 Opening – **Markus Juonala**, SYS-LIFE Director
14.05 SYS-LIFE introduction – **Georges Kazan**, SYS-LIFE Vice Director
14.20 Short presentations about the selected research topics:
Turku Brain Lab, Cutting edge clinical neuroscience – **Juho Joutsa**, Professor of Neurology
In vitro diagnostic tests for cardiac biomarkers – **Saara Wittfooth**, Assistant ProfessorAdvanced cardiovascular imaging themes – **Juhani Knuuti**, Professor, Director of Turku PET Centre
Digital Health technology – **Matti Kaisti**, Assistant Professor
14.50 SYS-LIFE Application process – **Sanni Helander**, SYS-LIFE application coordinator
15.00 Q&A

Event registration to get the online participation link:
https://link.webropolsurveys.com/S/E75F20C6E93B1A66

More information from Sanni Helander (sanni.helander@utu.fi) and from https://www.syslife.fi/

TCRS Christmas Seminar

December 12th at 15:15
On-site event
Alhopuro, Medisiina D

Our already traditional Turku Cancer Research Society Christmas seminar is here again.
"MICROBIOME & CANCER" PROGRAM

15.15 Opening words Pilvi Riihilä and Pia Vihinen
15.20 Leo Lahti, professor, University of Turku, "Microbiomes & cancer"
16.00 Peeter Karihtala Research diretor, professor, HUS Comprehensive Cancer Center and University of Helsinki, “Cancer and microbiome – an oncological perspective”
16.45 The winner of the PhD thesis award
16.50 Presentation by the PhD Thesis of the year award winner
17.10 Discussion and closing
Light dinner

The seminar is open for everyone (students, researchers, medical staff) interested in cancer research!

We wish also that you will renew your membership or become a member of Turku Cancer Research Society for 2024 by paying the 15€ (10€ for BSc, MSc and medical students) annual membership fee on the Society’s bank account, preferably by 30.11.2023.
Account: FI7612093000051335

Receiver: Turun Syöpätutkijat ry
Reference: your name and email

More information from:
https://cancerresearch.utu.fi/
https://www.facebook.com/TurkuCancerResearchSociety/

Cytometry Core Open Doors

December 13th at 10:00-12:00
On-site event
Biocity 5th floor coffee machine lobby and cytometry facilities

Welcome to join Cytometry core's open doors event! Get to know the core personnel and new equipment! We will introduce the facility and are ready to discuss any cytometry-related research ideas. Elina Tervo from BD Biosciences is on the spot, introducing herself to all of you and promoting new reagents, tools, and a wide range of services. Feel free to pop in without reservation!

More information from Heli Jokela (heli.jokela@utu.fi)

Infections and Immunity Seminar

December 13th at 11:15
Hybrid event
Lauren 2, Medisiina D / Zoom
Autumn 2023 program

Leo Lahti
Data science in microbiome studies

Join the Zoom
https://utu.zoom.us/j/67311220029

Frontiers of Science

December 14th at 12:00
On-site event
Presidentti auditorium
Autumn 2023 program

MD Tuomas Tammela, Sloan Kettering Institute; Memorial Sloan Kettering Cancer Center, US
Functional interrogation of intra-tumoral heterogeneity
Host: Klaus Elenius (klaele@utu.fi)

Instead of having a sandwich before the seminar, BioCity Turku wants to thank all the people who have joined us to listen to the Frontiers of Science seminars during 2023, and welcome you all for lunch! The lunch registration already got full, but if you want to queue for a seat please send an email to biocityturku@bioscience.fi. As always, no need to register to the seminar itself, everyone are welcome to listen to the talk!

The Tammela lab is interested in understanding the remarkable phenotypic heterogeneity of cancer cells within tumors. We approach this question using a combination of sophisticated genetically engineered mouse models, single-cell approaches, tracing and ablation of distinct tumor cell lineages, CRISPR-mediated gene regulation, and advanced imaging techniques. We utilize the exceptional resources developed by our MSK collaborators, such as organoids and xenografts, for the translation of our findings into new treatments for human cancer. Our goal is to discover pathways that drive distinct cellular phenotypes and to develop new therapeutic concepts aimed at reducing cellular heterogeneity in tumors.

Selected publications

M Kim, M Panagiotakopoulou, C Chen, SB Ruiz, K Ganesh, T Tammela, ..., 2023. Micro-engineering and nano-engineering approaches to investigate tumour ecosystems. Nature Reviews Cancer, 1-19

SR Torborg, Z Li, JE Chan, T Tammela. 2022. Cellular and molecular mechanisms of plasticity in cancer. Trends in Cancer 8 (9), 735-746

Marjanovic ND, Hofree M, Chan JE, … , Rekhtman N, Massion PP, Poirier JT, Mazutis L, Li R, Lee JH, Amon A, Rudin CM, Jacks T, Regev A, Tammela T. (2020). Emergence of a High-Plasticity Cell State during Lung Cancer Evolution. Cancer Cell, 38(2):229-246

General information

- You can download and save all the autumn 2023 FoS-seminars to your calendar from here: https://seafile.utu.fi/d/44a70f80ac1e46a9ad0a/
- Registration is not needed, participation list is circulated in the audience
- If you are a student and later wish to get a certificate of attendance from the Frontier of Science seminars, print out the seminar diary and after the seminar ask the BioCity coordinator to sign it https://seafile.utu.fi/d/44a70f80ac1e46a9ad0a/
- Please note that any audio or video recording of the seminars is strictly forbidden.
- Autumn 2023 FoS image credits to Anna-Mari Haapanen-Saaristo: Part of anoxia study of Eutardigrade species Macrobiotus Ripperi labelled with commercial fluorescent dyes, image acquired on 3i CSU-W1 Spinning disk with 40x objective

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IPP meets TREMENDO

December 14th at 14:00
On-site only
Lauren 2, Medisiina D1016
Autumn 2023 program

Geert Hamer, Asst. Prof, PhD, University of Amsterdam, the Netherlands
Role of germ cellspecific genes in the origin and development of cancer

IPP seminar series covers the diversity of biomedical/medical research performed in Integrative Physiology and Pharmacology research unit in Institute of Biomedicine, University of Turku plus interesting talks by visitors from national and international research collaboration networks

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Let´s Antihassle! Time Management Masterclass

December 19th at 13:00-14:15
On-site event
Alhopuro Auditorium, Medisiina D

The help is near! CellCom brings you Anna Perho's Antihassle-masterclass with practical tools for better time management on Tuesday 19th December at 13:00-14:15 in the Alhopuro auditorium (Medisiina D) followed by networking with refreshments and snacks in the Medisiina D lobby. More info about the class below!

Please register to the event by 11.12. (maximum 120 participants) through this link:
https://survey.abo.fi/lomakkeet/16053/lomake.html

Let´s Antihassle! Take Control of your Calendar

Anna Perho's Antihassle-masterclass gives super practical tools for better time management. The antihassle model is based on values management since that's the core of time management: the way your calendar looks the way off your carrier and live lies.

By attending the master class you will get:

- a clear model for evaluating your calendar
- practical tools for feeling less busy and more in control
- some good questions to work with: if you are not confident with how you are using your time right now what would you like to see instead?
- A peek of your core values: what is it that you actually would like to spend your time with?

Anna has written several business and self-help books and she also hosts Elämänkoulu (The school of life) podcast. The masterclass is based on her bestselling book Antisäätäjä.

annaperho.fi
IG @annaperho
Podcast: Elämänkoulu

More information about the event from Annika Meinander and Emilia Peuhu

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InFLAMES Flagship Seminar

January 17th at 15:00
On-site event
Place TBA

Welcome to InFLAMES Flagship seminar!

Preliminary programme

14:30 Coffee and tea served
15:00 Brief update on topical issues, Academician **Sirpa Jalkanen**
15:05 Seminar talk 1: Lawyer **Timo Juhola** from University of Turku Legal Affairs will be discussing matters critical for researchers, such as NDA and MTA.
15:20 Seminar talk 2: Professor **Tero Soukka** will be giving a talk about his research and work at Radiometer.

Host: Sirpa Jalkanen

More information will be updated later.

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canSERV call

We are happy to announce that the first EU-funded canSERV call is open and is now accepting applications to support cancer research projects. The researchers can apply for FREE SERVICES at several European Research Infrastructures, including Euro-BioImaging ERIC. **Deadline for proposal submission is January 4th, 2024**. Within this canSERV call, Euro-BioImaging Finland offers open-access imaging technologies and expert services to academic, industrial, and SME users through two multi-sited Nodes: Finnish Advanced Microscopy Node (FiAM) and Finnish Biomedical Imaging Node (FiBI). The full call text, including user guidelines and other useful information, and the canSERV catalog of services are linked here and can be accessed via www.canserv.eu and via www.eurobioimaging.eu/content/canserv.

If you have any questions or need help with making the application, please do not hesitate to contact canservprojects@eurobioimaging.eu or our Node Managers, who are more than happy to assist you: Irina Belaia, FiAM Node Manager, irina.belaia@utu.fi and Jiri Funda, FiBI Node Manager, jiri.funda@utu.fi

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Brain Gain Programme

The Brain Gain programme fills an important gap in the field of research funding and provides an opportunity for top researchers to return to Finland from abroad. Finland currently has no competitive resources to enable research funding to maintain excellence and the salary of an experienced researcher for the required period.

The foundations' new financing instrument, the Brain Gain programme, is the answer to this need and has been designed to strengthen Finnish research and to promote scientific excellence in Finland. Cooperation between three foundations allows for greater effectiveness. The foundations also aim to increase understanding of the challenges of and solutions for funding top-level research.

More information from https://www.aivotuonti.fi/en/home/

Apply at latest 31 January 2024

BlueSkies Funding

Hi innovator!

Turku University Faculty of Medicine opens again BlueSkies funding call for novel research and educational ideas!

You can apply funding for:

1) Medicine and/or health science research idea (max 30 000 eur)
2) Dental research idea (max 10 000 eur)
3) Educational idea (max 10 000 eur)

More information in English:
https://intranet.utu.fi/en/news/news/2023/Pages/-Faculty-of-Medicine-BlueSkies-funding-opportunity.aspx

Or in Finnish:
https://intranet.utu.fi/fi/ajankohtaista/uutiset/2023/Sivut/Laaketieteellisen-tiedekunnan-BlueSkies-rahoitus.aspx

Please send your novel idea to laaketieteellinen@utu.fi **by 15 January 2024**

Postdoctoral researcher

Postdoctoral Researcher in Cancer Immunotherapy Research - The Medical Immuno-Oncology Research Group (MIORG, https://www.miorg.fi/), as part of the Institute of Biomedicine at the University of Turku, is seeking an enthusiastic and experienced Postdoctoral Researcher to work on a project related to cancer immunotherapy development. Under the leadership of Academy Research Fellow, Adjunct Professor Dr Carlos Rogerio de Figueiredo, we invite a skilled Postdoctoral Researcher to advance projects in cancer immunotherapy development. >> Link to the announcement. **Apply at latest 11 December 2023**

Postdoctoral Researcher / Project Researcher

We invite applications for an expert in data analytics and bioinformatics to join our team at Turku Medical Bioinformatics Centre (https://elolab.utu.fi), University of Turku, Finland. We are seeking a

highly motivated postdoctoral or project researcher to join our multi-omics team, focusing on multi-level analysis of molecular profiling data. Leveraging modern statistical and machine learning methods, our aim is to enable robust interpretation of multi-level longitudinal and single-cell data. Our specific biomedical focus is on unravelling molecular signatures and key regulatory networks associated with human T cell development and autoimmune disorders, with a particular emphasis on early detection of type 1 diabetes. This research-centric position will involve both applied and methodological topics, tailored to the candidate's expertise and interests.

A successful project researcher may also have the opportunity to progress into a doctoral researcher to pursue a PhD.

The deadline for applications is **December 11th 2023**, or until a suitable candidate has been found.

Full call text and electronic application system can be found here:
https://ats.talentadore.com/apply/tutkijatohtori-tai-projektitutkija-turun-laaketieteellisen-bioinformatiikan-keskukseen/me1lRB?lang=en

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Senior Planning Officer / Project Coordinator

Would you like to be involved in developing cancer treatments and research across the EU? The Finnish Cancer Centre (FICAN) and its coordinating unit are looking for a SENIOR PLANNING OFFICER (PROJECT COORDINATOR) for an ongoing EU project (ECHoS – Cancer Mission Hubs) at Helsinki University Hospital (HUS) for a fixed period of two (2) years.

The project coordinator will be responsible for promoting and coordinating FICAN's role and responsibilities in the project, for liaising with international project partners and for contributing to other elements of FICAN's work in the context of the project. The other Finnish partner in the project is the Cancer Society of Finland.

Preference is given to candidates with previous experience working with cancer treatments and/or research, non-governmental organisations and project management. Experience in communications and international cooperation is also considered an advantage. Candidates must speak fluent English. We value good communication skills, expertise in teamwork and cooperation, flexibility and a proactive and dynamic approach to project management.

For more information about the position, please contact FICAN Director Tomi Mäkelä (tomi.p.makela@hus.fi) (Subject: Senior Planning Officer vacancy), tel. +358 50528 6128

More information from the call and the application.

Apply at latest 18 December 2023

Postdoctoral Researchers (SYS-LIFE)

Systemic approaches to improve cardiometabolic and brain health during lifespan, a pioneering MSCA Fellowship Programme of the University of Turku.

SYS-LIFE is a postdoctoral programme cofunded with Marie Skłodowska-Curie Actions. SYS-LIFE goals are (i) breakthrough advances in human health (ii) scientific renewal and (iii) the development of the future leaders of tomorrow.

SYS-LIFE offers postdoctoral researchers the opportunity to design and lead innovative research projects of the highest quality, relating to the improvement of cardiometabolic and brain health.

Call is open now until 31 January 2023.

More information from https://www.syslife.fi/

Links to recruitment pages

University of Turku in Finnish and in English
Åbo Akademi University in Swedish and in English
FinBioNet

If you have events you would like to add to BioCity Announcement please contact biocityturku@bioscience.fi

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