Would you like to have MSc students in your lab? Register your group to MSc Thesis Project Expo!
https://biocityturku.fi/msc-thesis-projects/

BioCity Turku Announcement 47/2026

This week

* MBC Bioinformatics Consultation, 17th November at 13:00
* Frontiers of Science, 19th November at 12:00, Randolph
* Microbiome Meets Multiomics Symposium, 19th–20th November
* CellCom Seminar, 20th November at 10:00, Saharinen

Next week

* 5th Bridging Nordic Microscopy Infrastructures Symposium, 23rd/24th–27th November
* FinnGen Days, 23rd and 25th November
* AI2Med Turku 2026, 25th November at 09:00
* Illumina Trupath Sequencing Seminar, 26th November at 09:00
* IPP Seminar, 26th November at 14:00, Maes
* TCRS Christmas Seminar, 26th November
* Terveysalasta kasvua Suomelle, 27th November at 08:45

In near future

* Immunology Seminar, 1st December at 14:00, Casado
* MSc Thesis Project Expo 2026, 2nd December at 09:00
* Infections and Immunity Seminar, 2nd December at 14:15, Kekalainen
* Monialainen keskustelufoorumi: Lasten aivoterveys arjessa, 3rd December at 14:30
* RSC-FLS symposium 2026, 4th December at 10:00
* PiF Friday Café, 4th December at 12:00, Änkö
* Health Campus Turku Project Parade, 7th December at 12:15
* Frontiers of Science and LUNCH, 10th December at 12:00, Helleday
* Fat in Focus Finland (FFF2026), 10th–11th December

Open calls

* Finnish Society for Immunology PhD Thesis Award 2026
* SPARK Finland Mentoring Program
* NordStruct Access Grant

Open positions

* University Teacher

Links to recruitment pages

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BioCity Turku Events Calendar
Kiinamyllyn viikkokalenteri
PGE Course Calendar

MBC Bioinformatics Consultation

17th November 13:00-14:00
Onsite event
in BioCity, 7th floor small seminar room (Owl)

Open bioinformatics consultation sessions are organized regularly on-site in BioCity. Feel free to pop in without reservation and ask about bioinformatics, experimental design and data analysis. The consultation sessions are organized under the **Biocenter Finland Bioinformatics platform** and they are open to all academic researchers.

All discussions are private – please wait for your turn in the corridor.

More information and tentative schedule: https://elolab.utu.fi/mbc-bioinformatics-consultation/

Changes to the schedule are possible and will be updated on this page.

Read more about MBC and the training and support options available: https://elolab.utu.fi

Everyone warmly welcome!

Frontiers of Science

19th November at 12:00
Onsite event
in Presidentti auditorium, BioCity
Autumn 2026 poster

Prof. Gwendalyn Randolph, WashU Medicine, USA
The 3 L's converge: Lymphoid tissue, lymphatics, and lipoproteins

Host: Sirpa Jalkanen (sirjal@utu.fi)

Coffee and sandwich served at 11:45, first come first serve!

Six PhD researchers and early-career postdocs are welcome to **have lunch and discuss with Prof. Randolph** after the seminar. This is a great possibility to learn hosting skills in a friendly environment and create connections for future. Everyone is welcome to join, BioCity Turku will offer the lunch. If you got interested, please send an email to biocityturku@bioscience.fi

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Gwendalyn J. Randolph is the Emil R. Unanue Distinguished Professor in the Department of Immunology and Pathology at Washington University in St. Louis, Missouri. Her research focuses on the trafficking of immune cells and molecular cargo between tissues, lymphatics, and distal organs, and how these processes contribute to chronic inflammatory disease. Her laboratory has defined how monocytes, dendritic cells, macrophages, and lipoproteins migrate through tissues and lymphatic vessels in conditions such as atherosclerosis, psoriasis, Crohn's disease, and liver inflammation. By combining immunology, imaging, lineage tracing, and single-cell profiling approaches, her lab has revealed mechanisms that regulate immune cell migration, lymphatic transport, and tissue-specific macrophage specialization. More recently, Gwendalyn Randolph's research has focused on the role of high-density lipoprotein (HDL) trafficking in inflammation and tissue homeostasis. Her group demonstrated that lymphatic and vascular transport pathways are critical for HDL movement between organs and identified a specialized form of intestine-derived HDL that protects the liver from inflammatory injury caused by microbial products. These findings provide new insight into the links between immunity, metabolism, and inflammatory disease, with potential translational applications for cardiovascular, intestinal, and liver disorders. In parallel, her laboratory has trained numerous scientists who have gone on to establish independent research laboratories worldwide.

Selected publications

Shchukina I, Rodriguez-Hernandez CJ, …, Kreisel D, Randolph GJ, Artyomov MN. Inflammaging in aged tissues drives remodeling of the CD8+ T cell compartment. Cell Rep. 2026 Apr 22;45(5):117303

Kim A, Alligood DM, …, Hegazy L, Zinselmeyer BH, Brestoff JR, Martin CA, Warner BW, Elgendy B, Randolph GJ. A Gut-Restricted Liver X Receptor Agonist Ameliorates Liver Injury in Experimental Short Bowel Syndrome. Gastroenterology. 2026 May;170(5):1017-1032

Erlich EC, Alayo QA, Kim A, Han J, Mintz RL, Huckstep CG, Ruiz HS, Field RL, Dunning TJ, Saleh LS, Hoofnagle MH, Tumanov AV, Guilak F, Brestoff JR, Czepielewski RS, Randolph GJ. Distinct roles for B cell-derived LTα3 and LTα1β2 in TNF-mediated ileitis. Nat Immunol. 2025 Oct;26(10):1781-1793

Gallerand A, Han J, Ivanov S, Randolph GJ. Mouse and human macrophages and their roles in cardiovascular health and disease. Nat Cardiovasc Res. 2024 Dec;3(12):1424-1437

Han J, Gallerand A, Erlich EC, …, Finlay CM, Allen JE, Jakubzick CV, Else KJ, Onufer EJ, Zhang N, Randolph GJ. Human serous cavity macrophages and dendritic cells possess counterparts in the mouse with a distinct distribution between species. Nat Immunol. 2024 Jan;25(1):155-165

General information

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- 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 (BKEM1020; UTU), 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 2026 image credits to Samuel Svärd: Whole mount immunofluorescent staining of the mouse retina. Image acquired on 3i CSU-W1 Spinning disk with 10x objective.

Microbiome Meets Multiomics Symposium

19th–20th November
Onsite event
in Lauren 2, Medisiina D
Poster

This two-day symposium "*Microbiome Meets Multi-Omics: Towards Functional and Mechanistic Insight"* brings together microbiome researchers using omics, population cohorts, and mechanistic studies to advance microbiome science from description to function from early-life microbiota and diet to the virome and host-microbe interactions.

We are delighted to welcome our international speakers:
Prof. Hauke Smidt, Wageningen University & Research, the Netherlands), who will speak on integrative microbiome research infrastructures
Asst. Prof. Urvish Trivedi, University of Copenhagen, Denmark
Senior Researcher Yasin El Abiead, BOKU University, Austria.

International speakers will be joined by researchers from Turku and across Finland.
Full programme available here, click!

The event is open for everyone and free of charge. Welcome!

Event is organized by BioCity Turku research programs Microbes and Immunity Research Program (MIRP) and Computational and Molecular Methodologies for Life Sciences (CompLifeSci), with microbe Centre Turku (Mikrobikeskus).

More information about the event from Santosh Lamichhane (sanlam@utu.fi)

CellCom Seminar

20th November at 10:00-11:00
Onsite event
in Alhopuro lecture hall, Medisiina D

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Prof. Pipsa Saharinen, University of Helsinki & Wihuri Research Institute
Coordinating cell adhesion for vascular stability

Host: Jukka Westermarck (jukwes@utu.fi)

Coffee, tea and sandwiches will be served before the seminar.

5th Bridging Nordic Microscopy Infrastructures Symposium

23rd/24th–27th November
Onsite event
in Levi, Lapland, Finland

BNMI Annual Meeting will bring together the Nordic imaging infrastructures, imaging scientists, and industry representatives for insightful discussions to foster collaboration and improve the quality and impact of microscopy across the Nordic countries.

More information and registration via this link: https://eurobioimaging.fi/FiAM/bnmi2026/
Note! Registration may close before the deadline if the symposium reaches full capacity

What to expect

- Cutting-edge microscopy talks and poster session
- Pre-symposium workshops, panel discussions & industry exhibitions
- Topics from super-resolution and mesoscopy to electron microscopy, high-content imaging and image analysis
- An all-inclusive meeting experience, including a social program with skiing, sauna, and opportunities to see the northern lights
- A unique setting in Finnish Lapland, combining high-level science with unforgettable experiences

Invited distinguished speakers
Harald Stenmark (Norwegian Radium Hospital, Norway)
Suliana Manley (EPFL, Switzerland)
Linda Sandblad (Umeå University, Sweden)
Peter Horvath (Helmholtz Munich, Germany)
Moritz Negwer (Radboud University, Netherlands)
Oxana Klementieva (Lund University, Sweden)
Clare Strachan (University of Helsinki, Finland)
Renata Prunskaite-Hyyryläinen (University of Oulu, Finland).

Organizers
Scientific Committee - BNMI Board
Local Organizing Committee - Finnish Advanced Microscopy (FiAM) Node

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FinnGen Days

23rd and 25th November at 10:00-15:00
Onsite event
in Säätöpankki lecture hall, UTU main building

Dear colleagues at University of Turku, Varha wellbeing services county, and Auria biobank. We are all affiliated to the FinnGen research project via our home organizations. We have our ongoing studies, data, and funding, which has its value. However, FinnGen is a world class data bank – full of registry, laboratory, and genomic data – that is in our use. FinnGen opens up new research opportunities, insights, and results that wouldn't be done anywhere else. Thus, we are pleased to invite you to the upcoming FinnGen Days- event on 23th and 25th November.

This two-day event at Säästöpankki -hall (main building) will introduce FinnGen's research resources, demonstrate practical analytical tools, and explore how Finnish biobank and registry data can support new research projects and publications:

Monday, 23 November

- Time: 10.00 – 15.00 (lunch break: 12.00 – 13.00)
- Introduction to FinnGen and its research resources
- Talks about cardiovascular research and neuroscience research in FinnGen
- Performing GWAS: the first entry point for analyses in genetic research
- FinnGen for dummies: hands-on tutorials

Wednesday, 25 November

- Time: 10.00 – 15.00 (lunch break: 12.00 – 13.00)
- Practical lessons on developing FinnGen projects for publication and proxy endpoints
- Talks about building research cohorts using health registry data (OMOP/OHDSI)
- Studying genetic relationship between two diseases/traits: genetic correlation, genetic causality, and genetic risk
- Hands-on tutorial and expert consultation

To participate, please complete the sign-up form here: https://forms.gle/3JNPKvb8XnZNiWR1A

For hands-on tutorials, please also apply for FinnGen account here (please apply soon for green access, approval takes few weeks): https://www.finngen.fi/en/researchers/sandbox-access

More information about the event from Rui Jian Chu (Chu) and Aleksi Winstén (finngen-support@utu.fi)

AI2Med Turku 2026

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25th November at 09:00-17:00
Onsite event
in Presidentti auditorium, BioCity
Flyer
Call for posters

AI2Med Turku brings researchers, clinicians and industry together for one day to explore how artificial intelligence is changing medicine. Now in its 2nd year, the event covers topics from next-generation healthcare and medical AI to drug discovery, clinical deployment and high-performance computing. The event is free of charge and everyone are welcome!

Keynote speakers
Prof. Lalith Kumar Shiyam Sundar, LMU Munich University Hospital
Prof. Jiancheng (JC) Yang, Aalto University and ELLIS Institute Finland
Adrian Yijie Xu, AMD Silo AI
Joanna Pylvänäinen, Aiforia Technologies
Jesse Harrison, CSC – IT Center for Science
Partner talk · Euro-BioImaging: "Advancing scientific discovery in the AI age"

What to expect

- Five keynote talks from academia and industry
- Partner talk by Euro-BioImaging
- Expert panel discussion
- Two poster sessions during the coffee breaks
- Networking and collaboration session
- Lunch and coffee included

You can join the morning session, the afternoon session, or both. Students can earn 1 or 2 ECTS depending on their participation, following their faculty and programme rules. All participants receive a certificate of participation, and poster presenters also a certificate of presentation. Everyone is welcome!

Register by Wednesday 18 November 2026: https://link.webropol.com/ep/AI2Med-Turku-2026

To present a poster, email your poster title to seyed.m.hosseini@utu.fi by 10 November 2026. Places are limited.

Follow the event webpages for the full program, speakers and updates:
https://sites.utu.fi/ai2med/program-2026/

For event inquiries please contact Seyed M. Hosseini (seyed.m.hosseini@utu.fi).

The event is organised by the IntoImaging group at the Turku PET Centre, supported by BioCity Turku and the Faculty of Medicine, and sponsored by Euro-BioImaging and CompLifeSci.

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Illumina Trupath Sequencing Seminar

26th November at 9:00
Onsite event
in BEAR meeting room, BioCity 5th floor, B stairs

Illumina and Finnish Functional Genomics Centre welcome you to a seminar where you can learn more about the new Illumina TruPath sequencing and what it enables for human whole genome sequencing. You will also hear about the possibilities of Emedgene analysis platform for TruPath data. The Illumina TruPath genome solution web page: https://www.illumina.com/products/by-brand/trupath.html

Please register to the event before 25th of November here:
https://link.webropol.com/ep/IlluminaTrupathSeminar

More information about the event from Minna Kyläniemi (minna.kylaniemi@utu.fi)

IPP Seminar

26th November at 14:00
Onsite event
Aistikattila, Medisiina C

Coffee/tea will be served at 13:45

Prof. Christa Maes, KU Leuven, Belgium
Bone crosstalk with energy metabolism: Roles of skeletal cells and hypoxia signaling in the regulation of glucose homeostasis.

Host: Kaisa Ivaska (kaisa.ivaska@utu.fi)

Note: Prof. Maes will serve as the opponent at the doctoral defense of Nicko Widjaja on Friday 27th November (Medisiina C, Osmo Järvi lecture room at 12:00).

Christa Maes is Professor at KU Leuven (Belgium), at the Skeletal Biology and Engineering Research Center, Department of Development and Regeneration. Her laboratory aims to gain insights in the genetic and molecular control of bone cell functioning. They focus on skeletal stem/progenitor cells (SSPCs) and osteoblasts, their interplay with the bone vasculature, and their roles in the broader physiological context of the organism. Prime working models are genetically modified mice, including conditional knockout mice and in vivo lineage tracing models using fluorescent reporter strains, as well as in vitro and molecular methods. Through the research, they hope to contribute to basic bone biology and to the future development of new osteoanabolic drugs and regenerative approaches for skeletal tissue repair. In addition, insights in the integrative physiology involving

bone may help discover therapeutic approaches that link bone and other problems, such as osteoporosis, obesity and diabetes, in progressively growing groups of patients.

Selected publications

Valle-Tenney R, Peredo N, De Samblancx K, Nefyodova E, Cardoen R, Dehaemers T, Farlay D, Chapurlat R, Van der Schueren B, Mathieu C, Vangoitsenhoven R, Maes C. (2026). Pharmacological HIF activation protects against diet-induced obesity, glucose intolerance, and skeletal dysfunction by exerting dual beneficial effects on energy metabolism and bone. Bone Res. 14 (1): 21.

Melis S, Dirckx N, De Samblancx K, Valle-Tenney R, Provot S, Vanderschueren D, Dubois V, Maes C. (2025) Hypoxia signaling pathway activation in osteoblasts suppresses osteocalcin production but does not alter male fertility in mice. Eur J Endocrinol. Nov 26;193(6):679-693.

Melis, S., Trompet, D., Chagin, A.S., and Maes, C. (2025). Skeletal stem and progenitor cells in bone physiology, ageing and disease. Nat Rev Endocrinol. 2025 Mar; 21(3): 135-153.

Trompet D.*, Melis S.*, Chagin A.S., Maes C. (2024). Skeletal stem and progenitor cells in bone development and repair. J Bone Miner Res., 2024 Jul 23; 39(6): 633-654. doi: 10.1093/jbmr/zjae069.

Mesnieres, M., Böhm, A.M., Peredo, N., Trompet, D., Valle-Tenney, R. Bajaj, M., Corthout, N., Nefyodova, E., Cardoen, R., Baatsen, P., Munck, S., Nagy, A., Haigh, J.J., Khurana, S., Verfaillie, C.M., Maes, C. (2021). Fetal hematopoietic stem cell homing is controlled by VEGF regulating the integrity and oxidative status of the stromal-vascular bone marrow niches. Cell Reports, 36, 109618.

TCRS Christmas Seminar

26th November at 15:00-20:00
Onsite event
in Lauren 2, Medisiina D
Poster

You are warmly welcome to the Turku Cancer Research Society's Christmas Seminar 2026!
Topic of the seminar will be "Oncology Toolbox". We will have two speakers presenting exciting research projects at the UTU campus and two Finnish deep-tech and biotechnology companies advancing cancer research.

Register by Friday November 20, 2026
https://link.webropolsurveys.com/EP/540EC15E146E5F9F

Program
15:00-15:15 Glögi and cookies from Bionordika
15:15-15:20 Welcome words by TCRS chair

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15:20-15:50 Emilia Peuhu. University of Turku
Rethinking ductal carcinoma in situ through 3D imaging and spatial profiling
15:50-16:20 Syed Bilal Ahmad Andrabi. University of Turku
Long Noncoding RNA Regulators of
Human Regulatory T Cell Differentiation and Function
16:20-16:50 Manu Tamminen. Genomill
How Genomill contribute to oncology
16:50-17:20 Karolina Punovuori. MultivisionDx
Bringing spatial biology from discovery to clinic
Lessons from HNSCC and CRC on building spatial biomarkers that scale
17:20-17:35 Winner of the Best Thesis of the Year Award
17:35-17:50 Novogene Updates
18:00-19:00 Dinner for TCRS members
Please note: The dinner is reserved exclusively for members of the society.

We wish also that you will renew your membership or become a member of Turku Cancer Research Society by paying the 17€ (12€ for BSc, MSc and medical students) annual membership fee on the Society's bank account, preferably by 30.11.2026.

Account: FI7612093000051335
Receiver: Turun Syöpätutkijat ry
Reference: your name and email"

More information about the even from Gabriela Martínez (gabriela.chacon@utu.fi)

Terveysalasta kasvua Suomelle

27th November at 08:45-11:30
Onsite event
Lähitapiola lecture hall, Turku School of Economics

This event is in Finnish

Merkitse kalenteriisi Terveysalasta kasvua Suomelle - seminaari, jossa tarkastellaan, kuinka terveysala voi luoda kasvua Suomeen ja perustellaan, miksi liiketoimintaosaaminen on olennaista alan kilpailukyvylle. Tavoitteena on vahvistaa kauppakorkeakoulun ja yliopiston bio- ja lääketieteiden välistä yhteistyötä. Tilaisuus on suunnattu opiskelijoille ja henkilökunnalle.

Tilaisuus ei vaadi ilmoittautumista, mutta tarjoiluiden määrän arviointia varten ilmoittauduthan 22.11. mennessä: https://eve.utu.fi/event/506/registrations/484/

Lue lisää tapahtumasta täältä.

Immunology Seminar

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1st December at 14:00-15:00
Online event
in Zoom
Flyer

Raquel Bartolomé Casado, Institute for Cancer Research, Oslo University Hospital, Radiumhospitalet, Norway
Studies on gut-resident T cells in health and disease

Host: Professor Riitta Lahesmaa (rilahes@utu.fi)

Link to the seminar: https://utu.zoom.us/j/64099586180

Immunology seminar series is jointly organised by the Finnish Society for Immunology, InFLAMES Flagship and Turku Bioscience. For further information contact Anne Lahdenperä (ankahy@utu.fi) or Riitta Lahesmaa (rilahes@utu.fi), University of Turku.

Raquel Bartolomé Casado's main research focus is to apply single-cell and spatial methods to study the intestinal immune system in health and disease, with special interest in colorectal cancer. After obtaining her degree in Biotechnology and completed her MSc studies at the University of Salamanca (Spain), Raquel moved to Norway to do her PhD in Prof. Frode Jahnsen's lab at Oslo University Hospital. During her PhD, she investigated the longevity of the adaptive immune cell compartment in the human small intestine, with a special focus on characterizing resident memory T cells. For her postdoc, she joined the Teichmann lab at Wellcome Sanger Institute (Cambridge, UK) during two years. There, she employed cutting-edge single-cell and spatial technologies to study how the intestinal immune system adapts to tolerate commensal bacteria and participated in a Human Cell Atlas project mapping all the cell types across the gastrointestinal tract. Then, Raquel moved at the Institute for Cancer Research, with the aim to integrate her expertise in an ongoing translational research program for colorectal cancer at the Dep. of Molecular Oncology. She secured funding from the Norwegian Cancer Society to explore the relationship among cancer cells, immune cells, and the microbiome in colorectal cancer with the aim to discover new therapeutic avenues for patients not responding to immunotherapy.
Google scholar: https://scholar.google.com/citations?user=U9GXx9UAAAAJ&hl=en

Selected publications

Immune microniches shape intestinal Treg function
https://www.nature.com/articles/s41586-024-07251-0

Single Cell Integration Characterizes Gastric Cell Metaplasia in Inflammatory Intestinal Diseases
https://www.nature.com/articles/s41586-024-07571-1

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MSc Thesis Project Expo 2026

2nd December at 09:00-11:00
Onsite event
in Tiedonkolu, Medisiina D

Do you supervise MSc theses in biosciences? Join the MSc Thesis Project Expo 2026 and meet students who are eager to find their thesis projects. This expo is a networking event where research groups and bioscience MSc students from the University of Turku and Åbo Akademi University can meet and discuss possible MSc thesis topics.

Register your research group at latest 22 November 2026:
https://link.webropolsurveys.com/S/B8E53C50F7F60E2A

This is a great opportunity to increase your group's visibility among MSc students, network with potential thesis workers and recruit the most motivated students to join your team!

The event is organized as a poster exhibition, only one A0 vertical poster per PI. Students can get to know your project(s) and can network with a representative of your group in the event. In order to help the networking and to lower the barrier for discussions it might be a good idea to have your early-career researchers presenting your group. Also, **please note that someone should be standing by the poster the whole two hours** in case the students would like to get to know your group. There is place for the first 50 research groups and this expo replaces the previous research group presentation events.

Information about the participating research groups will be available before and after the event in a Moodle page (https://moodle.utu.fi/course/view.php?id=33658) to help students to find the contact details. In the Notice Board (https://moodle.utu.fi/mod/forum/view.php?id=2048845) of the same Moodle page all research groups (even the ones who won't participate to the expo) can continuously post information about their research and promote available positions throughout the year.

The event will be promoted to both domestic and international MSc students from the Faculty of Medicine (UTU), Faculty of Science and Engineering (ÅAU), the Departments of Life Technologies and Biology (UTU), but also other students are welcome to join.

More information about the event from https://biocityturku.fi/msc-thesis-projects/

Welcome!

Infections and Immunity Seminar

2nd December at 14:15-15:00
Hybrid event

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in Lauren 1, Medisiina D
Autumn 2026 program

Elisha Kekalainen, Department of Bacteriology and Immunology, University of Helsinki
Haploinsufficiency of IKZF2 (Helios) causes immunodeficiency with signs of immune dysregulation

The seminars will be held in Zoom (https://utu.zoom.us/j/61507745698) and on site at Medisiina D on Wednesdays at 13:15-14.00. Student credits can be collected from this seminar. If you have any questions regarding attending or the seminar itself, do not hesitate to contact Sujit Kumar (sujit.kumar@utu.fi) or Janina Heiskanen (janina.e.heiskanen@utu.fi).

You are warmly welcome!

Monialainen keskustelufoorumi: Lasten aivoterveys ja sitä arjessa haastavat tekijät

3rd December at 14:30-16:00
Hybrid event
in Ministeri lecture room, BioCity 1st floor and in Zoom

This event is in Finnish

Tässä monialaisessa keskustelufoorumissa pohditaan sitä, mitä nykyperheiden altistuminen stressille, pirstaloituneelle vuorovaikutukselle ja muulle ennustamattomuudelle tarkoittaa erityisesti pienten lasten aivoterveyden kannalta.

Riikka Korja puhuu ennustettavuuden merkityksestä lasten ja nuorten kasvuympäristöissä. Susanna Kortesluoma avaa biologisia mekanismeja, joilla stressi vaikuttaa erityisesti lasten aivoterveyteen ja miksi nykyarjen haasteet aktivoivat lasten kehon stressijärjestelmiä. Kimmo Kiviranta kommentoi aihetta palvelujärjestelmän näkökulmasta.

Kutsumme kaikki aihepiiristä kiinnostuneet mukaan keskustelemaan!

Asiantuntijat

1. **Riikka Korja**, *professori, psykologia, Turun yliopisto*
2. **Susanna Kortesluoma**, *erikoistutkija, väestötutkimuskeskus, Turun yliopisto*
3. **Kimmo Kiviranta**, *palveluesimies, Perheneuvolapalvelut Turku, Varha*

Ilmoittaudu tästä tapahtumaan 1.12. mennessä
Etälinkki lähetetään rekisteröityneille sähköpostitse ennen tapahtumaa

Lisätietoja tapahtumasta antaa Jarmo Malmsten (jarmalms@utu.fi)

Turun yliopiston monitieteinen teema Lapset, nuoret ja oppiminen on käynnistänyt tapahtumasarjan vahvistaakseen yliopiston ja sidosryhmien välistä monitieteistä ja -alaista keskustelua ja yhteistyötä teeman aihepiireistä. Tapahtuma kiertää Varsinais-Suomen ja Satakunnan kaupunkeja, tarjoten

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myös osallistumismahdollisuuden etäyhteydellä.
Lapset, nuoret ja oppiminen -monitieteinen teema
Lapset, nuoret ja oppiminen: monialainen keskustelufoorumi

RSC-FLS symposium 2026

4th December at 10:00-16:45
Hybrid event
in Astra, Bonfire
Flyer

Leading Research Theme in Finnish Chemical Sciences

Participation is free. Mandatory registration by 27th November.
https://link.webropolsurveys.com/S/A93DD32F5EBC4087

The symposium is hybrid, a Zoom link for virtual participation provided after registration.

Welcome!

Program

10.00 Opening words, Prof. Kristiina Wähälä

Morning session: Chair Prof. Tan Phat Huynh
10.15 Prof. Juha-Pekka Salminen (University of Turku), Centre of Excellence in Anthropocenic Chemical Ecology of Forests (ACE-Forest)
10.45 Prof. Arri Priimägi (Tampere University), Centre of Excellence in Life Inspired Hybrid Materials
12.15 Prof. Olli Ikkala (Aalto University), GeneCellNano Research Flagship

12.45 Lunch Break/Poster

Afternoon session I: Chair Prof. Timo Repo
13.00 Assoc. Prof. Anna Lintunen (University of Helsinki), Atmosphere and Climate Competence Center (ACCC) Research Flagship
13.30 Assoc. Prof. Jitka Čejková (University of Chemistry and Technology, Prague), Centre of Excellence in Anthropocenic Chemical Ecology of Forests (ACE-Forest)
14.00 Junior Scientists presentations
14.30 Coffee break/poster exhibition

Afternoon session II: Chair Emil Rosqvist
15.30 Assoc. Prof. Milica Todorovic (University of Turku), Finnish Centre for AI Research Flagship
16.00 Prof. Daniel Lindberg (Åbo Akademi University)

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16.30 Closing remarks and poster awards
16.45 End of symposium

More information about the event from Robert Moulder (robmou@utu.fi)

PiF Friday Café

4th December at 12:00-13:00
Onsite event
in Auditorium Biologi 2097, lab-side, ÅAU, BioCity 2nd floor

Minna-Liisa Änkö. Åbo Akademi University
With RNA Around the World

Lunch served!

Minna-Liisa is an RNA biologist recently appointed Professor of Cell Biology at Åbo Akademi University. She specializes in understanding cellular RNA regulation, with prior research roles in Tampere, Australia, and Germany. She'll also tell more about her career path that led to her current position.

Don't miss this opportunity to learn, connect, and enjoy a delicious lunch during the last PiF event of the year!

Health Campus Turku Project Parade

7th December at 12:15-16:00
Onsite event
in Yrjö Alanen lecture hall, Kompassisairaala
Flyer

Health Campus Turku is hosting again the Project Parade, bringing together campus projects, services, testbeds, researchers and experts. The event offers a compact overview of ongoing development across the campus and an excellent opportunity to network and spark new collaborations.

Programme highlights

- Project presentations
- Service and testbed showcases
- Stands
- Networking and light refreshments

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You can also register to present your own project, research group or service.

The main language of the event is Finnish, but presentations may also be given in English. Presentation slides are encouraged to be in English.

Registration closes on 1 December.
More information and registration: https://healthcampusturku.fi/en/health-campus-turku-project-parade/

Frontiers of Science

10th December at 12:00 **and free lunch at 13:00**
Onsite event
in Presidentti auditorium, BioCity
Autumn 2026 poster

Prof. Thomas Helleday, Karolinska Institutet, Sweden
Targeting cancer by oncogenic trapping: From bench to clinical trials

Host: Jukka Westermarck (jukka.westermarck@utu.fi)

No coffees nor sandwiches, but **lunch for 150 first ones to sign up**, right after the FoS talk, in BioCity lobby, as a thank you for being active members of BioCity Turku community. Everyone is welcome to join, register here: https://link.webropolsurveys.com/S/D6C3D85639FBE114

Six PhD researchers and early-career postdocs are welcome to **share a lunch table and discuss with Prof. Helleday** after the seminar. This is a great possibility to learn hosting skills in a friendly environment and create connections for future. If you got interested, please send an email to biocityturku@bioscience.fi

Thomas Helleday is a Professor of Chemical Biology in Karolinska Institutet, Sweden. In his research, he is focusing on exploiting the weaknesses of cancer cells in DNA repair and altered metabolism. His research group uses genetic tools and develops probes to study identified target proteins more closely. By selectively inhibiting DNA repair or proteins that are crucial for the growth of cancer cells, the researchers tailor new treatment methods against cancer.

Selected publications

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Mortusewicz O, Haslam J, Gad H, Helleday T. Uracil-induced replication stress drives mutations, genome instability, anti-cancer treatment efficacy, and resistance. Mol Cell. 2025 May 15;85(10):1897-1906

Green AC, Marttila P, Kiweler N, …, Sandberg L, Frödin M, Moussay E, Slipicevic A, Letellier E, Paggetti J, Sørensen CS, Helleday T, Henriksson M, Meiser J. Formate overflow drives toxic folate trapping in MTHFD1 inhibited cancer cells. Nat Metab. 2023 Apr;5(4):642-659.

Marklund M, Schultz N, Friedrich S, Berglund E, Tarish F, Tanoglidi A, Liu Y, Bergenstråhle L, Erickson A, Helleday T, Lamb AD, Sonnhammer E, Lundeberg J. Spatio-temporal analysis of prostate tumors in situ suggests pre-existence of treatment-resistant clones. Nat Commun. 2022 Sep 17;13(1):5475

Michel M, Benítez-Buelga C, Calvo PA, …, Vilotijevic I, Kalderén C, Osorio A, Perona R, Stolz A, Stenmark P, Berglund UW, de Vega M, Helleday T. Small-molecule activation of OGG1 increases oxidative DNA damage repair by gaining a new function. Science. 2022 Jun 24;376(6600):1471-1476

General information

- 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 (BKEM1020; UTU), 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 2026 image credits to Samuel Svärd: Whole mount immunofluorescent staining of the mouse retina. Image acquired on 3i CSU-W1 Spinning disk with 10x objective.

Fat in Focus Finland 2026 (FFF2026)

10th–11th December
Onsite event
in Johan Haartman Hall, TYKS T-Hospital

Fat in Focus Finland 2026 is a scientific meeting focused on methodologies for studying adipose tissue biology, metabolism and function. The meeting brings together Finnish researchers working on brown, white and bone marrow adipose tissue using diverse approaches, including clinical studies, human physiology, in vivo imaging, cell and spheroid models, organ-on-chip systems, preclinical models, omics, fluxomics and data science.

The registration to the event is now open!
https://sites.utu.fi/fff2026/en/registration/

Fat in Focus Finland 2026 offers an opportunity to share methodological expertise, identify possibilities for collaboration, and develop new ideas for national, Nordic and European research

initiatives. The meeting is intended for researchers, clinicians, PhD students, postdocs and research professionals interested in adipose tissue metabolism, obesity, diabetes, metabolic health, imaging, molecular biology, physiology and computational life sciences.

Preliminary programme and registration in https://sites.utu.fi/fff2026/en/
For further information, please contact the organising committee fff2026@utu.fi

The event is free of charge, welcome everyone!

Finnish Society for Immunology PhD Thesis Award 2026

Are you a PhD who received your degree in the field of immunology (ranging from basic research to clinical applications) in Finland in 2024-2025? You are encouraged to apply for Finnish Society for Immunology PhD Thesis Award 2026. The award is 1000 €. The deadline for applications is November 15, 2026, at 23:59. Please note that in order to be eligible you have to be a member of Finnish Society for Immunology. In order to join, fill in the form at https://www.immunologiayhdistys.fi/society/.

Application for the PhD thesis award can be made by the candidate or the PI. The link for the application platform is https://link.webropolsurveys.com/S/7ED77A018DF451EB.

More details from Anne Lahdenperä (anne.lahdenpera@utu.fi)

SPARK Finland Mentoring Program

Do you have a project targeting a new solution in health tech or life sciences? The SPARK programme provides global mentors and advisors to help you develop your idea into a high-impact health innovation and the **call for SPARK Finland mentoring program is open 1.-30.11.2026!**

The solution of the proposed project must:

- address an unmet need in area of life science, medicine and health
- utilize a novel approach
- have the potential to advance to clinic, clinical trials or commercialization within 2-3 years

Welcome to the information sessions in Zoom for new applicants (and others interested in the program) on 9th Nov at 13-14

If you have any questions or need more additional information, please do not hesitate to contact me (janina.stauffer@varha.fi). I would be happy to talk with you in advance if you are interested in applying!

NordStruct Access Grant

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We are happy to announce that the NordStruct Winter Access Grant call is now open with a deadline of 30th November. Please click here to read more and apply: https://nordstruct.dk/access-grants/

The Access Grants support junior researchers (MSc students, PhD students, and postdoctoral researchers) as well as technical staff, enabling research visits to structural biology infrastructures and groups throughout the Nordic region. The grants provide up to 25,000 NOK to cover travel expenses, infrastructure access, and experimental costs.

Applying is straightforward and requires only a one-page application. If you are planning a project that would benefit from access to specialized structural biology facilities elsewhere in the Nordic region, we encourage you to apply! If you have experimental data that requires expert help for processing that is not available in your group, we encourage you to apply!

University Teacher

Institute of Biomedicine is looking for a University Teacher for a fixed term position which focuses on the following teaching areas: bioimaging informatics, artificial intelligence and machine learning based (image) data analysis. The position will be filled from 1 January 2027 onwards (or as agreed) for three years.

Read more from the call for applications and the application form and apply at latest 4 November 2026

Links to recruitment pages

University of Turku in Finnish and in English
Ådo Akademi University in Swedish and in English

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

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