



Services in Health Tech

Tampere Universities R&D collaboration possibilities for companies in the health technology sector

Resource catalog

Tampere Universities offer a variety of [services for companies and communities](#) also in the area of research. This resource catalog is aimed especially for health technology companies for an easy and fast way to find forms of cooperation that suit their own needs. The catalog compiles the services offered by Tampere University (TAU), Tampere University of Applied Sciences (TAMK) and the Wellbeing Services County of Pirkanmaa (Pirha) related to the topic of health technology.

In the topic of [research](#), the resource catalog presents researchers and their special areas of expertise, as well as research groups who offer services to companies in the health technology sector.



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1. Forms of collaboration

There are several ways to collaborate with Tampere Universities, whether in large scale research projects or detailed testing needs.

[1.1 Services by core infrastructures](#)

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1.2 Commissioned research

- Commissioned research projects are tailor-made to serve the specific needs of a customer company. Frequently, the service is bought from a research group, which the company can contact directly. Commissioned projects are funded by the customer company, but the company may seek financial support, for example, from [Business Finland](#), [ELY-center](#) or the [EU](#).

Who's it for?

- Companies and organizations interested in tailor-made research projects.

How does it all happen?

- Get to know [the research groups](#) and contact the one that suits your specific needs. If you can't find what you are looking for, email or call our contact persons.
- The customer company defines the goals of the project.
- The results and intellectual property arising from the project are transferred to the customer company.
- The project may be conducted in the facilities of the customer company or university.

Contacts:

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1.3 Testing and co-creation

- [Test beds](#) are test environments simulating real-life treatment situations. They offer companies the opportunity to develop, test, validate and conduct usability studies for their solutions in a real environment. Equipments and instruments for research and testing are available in test beds.
- [Business Tampere](#) coordinates HealthHubs in Tampere area. They also offer funding clinics and growth sparring to companies operating in Tampere region. New Test beds, regardless of organisation, are warmly welcomed!
- It is possible to get funding for Test bed services from [EDIH HealthHub Finland](#)
- There are several test beds aimed at companies in the health technology sector in Tampere region:
 - [HeAt-laboratory](#), [SoTe Virtual Lab](#), [Tampere Biobank](#), [HealthHUB](#), [Visaxion](#), [Civit](#), [Regea Tissue Center](#) and [Varala Sports Institute](#)

3 Research Services in Wellbeing Services County of Pirkanmaa

[3.1 Research Services](#)

[3.2 Academic pharmaceutical and multicenter trials](#)

[3.3 Project management and Monitoring](#)

[HealthHUB](#)

4.1.4 X-ray Microtomography

- The facility offers 3D imaging and assessment of structures of practically any materials, composites or devices including tissues and bio-constructs up to sub-micrometer resolution.
- The imaging is based on X-ray tomography and the facility has state-of-the-art image data processing and analysis workstation available for 3D-visualization, quantification, and surface and volume modelling.
- **Resources:**
 - Zeiss Xradia microCT
 - Can be used to determine morphological parameters of materials, biomaterials and biological samples with resolution down to 1 micron. On the other hand, it can accommodate large samples in cm and dm scale at the expense of resolution.
- Further information about the services can be found [here](#).

Location: Computational Biophysics and Imaging Group (CBIG), Arvo-building, Kauppi Campus

Prices: Prices will be defined based on customer needs. Please inquire!

Contact:
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6. Research groups in MET

There are more than 2,800 researchers at Tampere University in total. Our research groups carry out multidisciplinary research with national and international partners.

[6.1 Decision support for health](#)

[6.2 Micro- and Nanosystems](#)

[6.3 Bioinspired Materials and Robotics](#)

[6.4 Sensor technology and Biomeasurements](#)

[6.5 ULTRASOUND Group](#)

[6.6 Health Data Science](#)

7. Collaboration with students

Our students are active engines of development already during their studies and desired workforce after graduation. [Reach our students](#) and find the best talent for your business or organization!

[7.1 Thesis](#)

[7.2 JobTeaser](#)

[7.3 Industry Ambassadors](#)

[7.4 Kampusklubi](#)

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