



*Research changes the world
- biobanks make it possible*

ITÄ-SUOMEN BIOPANKKI – MISTÄ SIINÄ ON KYSE?

Itä-Suomen biopankki kokoaa ihmisperäisiä näytteitä ja niihin, sekä näytteen antajaan, liittyvää tietoa lääketieteellistä tutkimusta ja tuotekehitystä varten. Osallistuminen biopankkitoimintaan on vapaaehtoista ja perustuu suostumuksen ja hyväksynnän antamiseen. Näytteet on kerätty hoitoon liittyvän näytteenoton tai tieteellisen tutkimuksen yhteydessä.

TOESIN SANNOIN

Biopankki kerree immaisista otettuja näytteitä ja niihe liittyvvee tietoo lääketieteellistä tutkimusta ja uusien hienojen tuotteihin kehittämistä varten, voe tokkiinsa! Kettään ej pakoteta, vuan ihan ite pittee antoo suostumus ja hyväksyntä. Näätteet on kerätty joko iha tavallise hoion, taekka sitte jonnii tieteellise tutkimukse yhteyvessä. Teikäläisen ej siis tarvii eriksee lähtee höplehtimmään näätteen antoon.

BIOBANK
VIDEO



BIOBANK OF EASTERN FINLAND – WHAT YOU NEED TO KNOW?

The Biobank of Eastern Finland collects biological samples and associated data to promote medical research and product development. Involvement in biobank research is voluntary and based on consent. Biobank samples are collected during normal health care procedures.

BIOBANKING: FROM CLINICAL DATA AND BIOLOGICAL SAMPLES TO PRECISION MEDICINE FOR PATIENTS

In the Biobank of Eastern Finland, we are generating an inclusive collection of samples and associated data of the population of Eastern Finland. The Biobank sample collections are usually prospective; data and samples are collected for future research. Our services include digitalized microscopic tissue slides, sample storage in gas phase of liquid nitrogen and cell culture production.

We are committed to providing comprehensive support to the research community. The effective operation of biobank facilities relies on strong collaboration with researchers and the mutual trust established with donors. Biobank initiatives and development are guided by the requirements of our customers and the broader research community. Serving as an essential conduit, the biobank connects individuals' willingness to contribute with the advancement of scientific research.



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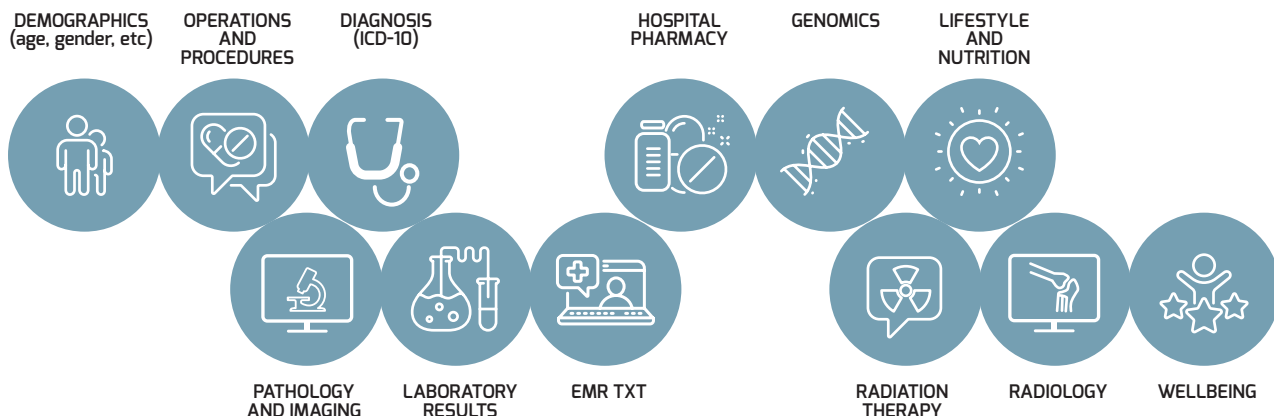
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HIGH-QUALITY SAMPLES AND ASSOCIATED LONGITUDINAL CLINICAL DATA

Samples can be, for example, tissue, various bodily fluids, or DNA. The longitudinal clinical data includes follow-up information. Genome data combined with phenotype data offers openings for development of AI solutions aiming at

personalized medicine. This enables identification of new biomarkers for prevention, diagnosis, and treatment. There is a possibility to recontact sample donors for new biomedical purposes.



FINGENIOUS – YOUR GATEWAY TO FINNISH BIOBANKS AND BIOMEDICAL RESEARCH

With other Finnish hospital biobanks, Biobank of Eastern Finland creates the largest hospital biobank collection of samples in the world. The Fingenious service offers access to Finnish biobank samples, data, study participants

and expertise. The purpose of the service is to benefit biomedical research by serving academic researchers and researchers from various industries such as the pharmaceutical industry nationally and internationally.



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GOOD TO KNOW

- The population base in Eastern Finland is 550 000, of which over 30 % has given consent.
- Over a million samples in storage.
- Over 60 000 samples have been delivered for medical research.

CONTACT INFORMATION

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