“Finnish Biobanks Aiding Fundamental Biomedical & Clinical Research”

Organizer: Health and Biosciences Doctoral Programme, University of Oulu Biocenter Oulu and Borealis Biobank of Northern Finland (BB) & FinBB

Time: 19-20.11.2018, Oulu University Medical School, Aapistie 5
Lecture hall: F101 (19.11.) and F202 (20.11.)
Credits: 0.5 study points
Registration >>

Monday 19.11.2018

09.00-09.10 Welcome and opening words by Seppo Vainio

09.10.09.20 University of Oulu greetings by Vice Rector Taina Pihlajaniemi

Session I. Value of the biobanks in medicine - Chair: Seppo Vainio

09.20-09.45 Marco Hautalahti: The Finnish biobank cluster FinBB and the European BBMRI
09.45-10.10 Anu Jalanko: National biobank effort - Finngen
10.10-10.40 Joakim Dillner: National and international collaboration via the biobanks
10.40-11.10 Sirpa Soini: The law and order in the biobank activities
10.10-11.30 Minna Mäkiniemi: Biobanks, the university hospitals and the ethical aspects

11.30-12.30 Lunch break & interactions:

Session II: Biobanks and Finnish neuro-, cancer and genome centers - Chair: Pia Nyberg

12.30-12.50 Ville Leinonen: Prospects in Neuroscience
12.50-13.10 Arto Mannermaa: The emerging Genome center
13.10-13.30 Jussi Koivunen: FICAN – the Finnish Cancer Center

13.30-13.50 Coffee, tea and interactions

Session III: Cohorts and biobanks - Chair: Heljä-Marja Surcel

13.50-14.00 Sylvain Sebert: Introduction to cohort studies
14.00-14.45 Vincent Jaddoe: The European birth cohort network
14.45-15.05 Tiina Wahlfor: Finnish Red Cross biobanks
15.05-15.30 Riitta Veijola: National cohorts to study diabetes
15.30-15.55 Minna Ruddock: Northern Finland Birth cohorts
15.55-16.15 Heljä-Marja Surcel: Finnish Maternity Cohort (FMC) and Finnish registries
16.15-16.40 Johanna Uusimaa: Clinical research resources at the MRC Oulu: patient cohorts, samples and infrastructure

Summary of the biobank day and closing Seppo Vainio

Dinner for the speakers 19-
Tuesday 20.11.2018

08.30-09.00 Coffee, tea and interactions

Session IV: Biobanks in practice – Chair: Tiina Pekkala

09.00-09.20 Juha Näpänkangas: Digital pathology and the biobanks
09.20-09.40 Pia Nyberg: Borealis in the arena of the Finnish biobanks
09.40-10.00 Eila Suvanto: Case studies with the biobanks samples
10.00-10.20 Lila Kallio: Auria Biobank - from discovery to feasibility studies
10.20-10.40 Johannes Kettunen: The genetics and the genome level BIG data in FinnGen
10.40-11.00 Antti Karlsson: Big (?) data analysis in healthcare

11.00-12.00 Lunch break and interactions

Session V: Biobanks and the health care digital era - Chair: Juha Röning

12.00-12.20 Marko Pylkkänen: The digital world of the Oulu University Hospital
12.20-12.50 Tarja Laitinen: The biobank related data hubs and the data lakes
12.50-13.20 Juha Röning: Can we be safe in the digital worlds – the ethics of the digits?
13.20-13.45 Jussi Hiltunen: Visions for mass produced bioelectronics and biosensors
13.45-14.10 Tapio Seppänen: Digital medicine on site, in the body and in remote

Summary of the biobank days and closing Seppo Vainio