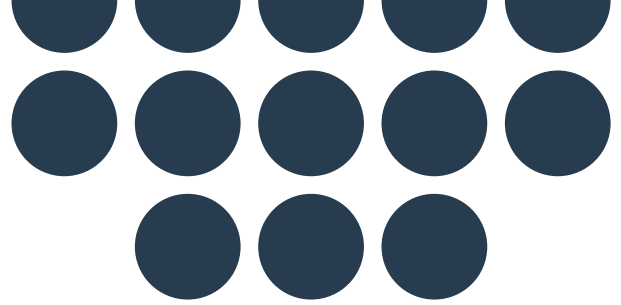


PhD Course

- Biobanking in the era of precision medicine



PhD course

14th-18th November 2022, Statens Serum Institut, 5 Artillerivej, 2300 Copenhagen S

Symposium

16th-17th November 2022, Statens Serum Institut, 5 Artillerivej, 2300 Copenhagen S

Overview

The objective of this 5-day PhD course is to give insights and later deepen the student's understanding in the multidisciplinary world of biobanking. Offered as a collaboration between Copenhagen University and Danish National Biobank, University of Helsinki and The Spanish National Cancer Research Centre, the course aims to provide the students with a core set of tools to gain better understanding of the key role of biobanking in precision medicine.

Goals

The goal is to provide an interdisciplinary perspective on the historical, philosophical, ethical, legal, social, technical and cultural aspects related to the collection, storage, use and dissemination of human biological samples and health information. After completion of the course, the students will have a broad understanding of biobanking, as well as the challenges associated with collaboration between the different stakeholders. The course also offers a site visit to the Danish National Biobank.

Course requirements

- Master's degree or equivalent
- Interest in biobanking
- At least 80% attendance is compulsory
- Successful completion of course assignments

Course credits

3,5 ECTS credits

Course method

- 5 day intensive seminar which includes a 2-day symposium and onsite visit
- Assigned reading package
- Active participation in class discussions and work groups
- Course assignment in working group

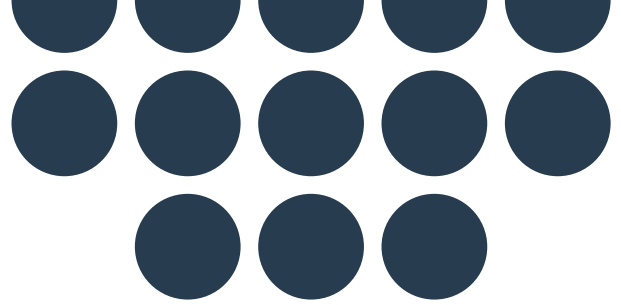
Onsite visit

Danish National Biobank (Copenhagen)

For further information and registration for the course please send an email to Lasse Boding (labo@ssi.dk)

PhD Course

- Biobanking in the era of precision medicine



Monday 14th November 2022

9:00-10:00	Biobanks and Biobank Networks - Eva Ortega-Paino, Spanish National Cancer Research Centre (CNIO)
10:00-11:00	Leveraging the potential of the Danish National Biobank - Lasse Boding, Danish National Biobank, Statens Serum Institut
11:00-12:00	History of biobanks - Peter Nilsson, Lund University
12:00-13:00	Lunch
13:00-17:00	Work in groups

Tuesday 15th November 2022

9:00-10:00	The scientific ethics review - Mette Hartlev, Danish National Scientific Ethics Committee
10:00-11:00	GDPR aspects in health research - Ulla T. Kræmer, Statens Serum Institut
11:00-12:00	Leveraging the potential of public-private partnerships in the Nordic countries - Aaro Tupasela, University of Helsinki
12:00-13:00	Lunch
13:00-14:00	Perspectives on donor consent and empowerment - Klaus Høyer, University of Copenhagen
14:00-17:00	Work in groups

Wednesday 16th and Thursday 17th November 2022

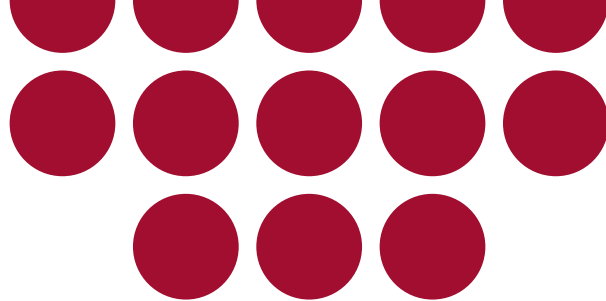
9:00-17:00	"Biobanking as the cornerstone for translational research" (see programme)
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Friday 18th November 2022

9:00-10:00	Site visit Danish National Biobank
10:00-12:00	Work in groups (last preparations for presentations)
12:00-13:00	Lunch
13:00-17:00	Presentation of assignment in groups

Symposium

- Biobanking as the cornerstone for translational research



Wednesday 16th November 2022

9:00-9:15	Welcome and introduction
9:15-9:45	Keynote: Ruth Loos, NNF Center for Basic Metabolic Research, University of Copenhagen - The Precision Health Cohort - Multi-omics approach to understand metabolic response to food and physical activity
9:45-10:15	Karina Meden Sørensen, Danish National Biobank, Statens Serum Institut - Quantity is important but Quality matters
10:15-10:30	Coffee break
10:30-11:00	Eva Ortega-Paíno, Spanish National Cancer Research Centre, Spain and Lasse Boding, Danish National Biobank, Statens Serum Institut - REACT-ing to viral respiratory infections
11:00-12:00	Three talks from young researchers selected from submitted abstracts
12:00-13:00	Lunch
13:00-13:30	Charlotte Cecil, Department of Child and Adolescent Psychiatry & Department of Epidemiology, Erasmus Medical Centre, The Netherlands - Epigenetics and mental health: lessons learned from large-scale, population-based birth cohorts
13:30-14:00	Keynote: Aarno Palotie, Institute for Molecular Medicine Finland, University of Helsinki - FinnGen - Discovering novel gene targets in FinnGen
14:00-14:30	Coffee break
14:30-15:00	Markus J. Herrgård, Bioinnovation Institute - Translating novel discoveries to patient impact
15:00-16:00	Panel debate
16:00-17:00	Poster session - network and drinks

Thursday 17th November 2022

9:00-9:15	Summary from previous day
9:15-9:45	Michaela Mayrhofer, BBMRI-ERIC, Austria - What is ELSI? Who is ELSA?
9:45-10:15	Pilar Nicolás, Faculty of Law, University of the Basque Country, Spain - Biobanking governance beyond the GDPR?
10:15-10:30	Coffee break
10:30-11:00	Antti Piirainen, FINDATA, Social and Health Data Permit Authority, Finland - Findata - Secondary use of health and welfare data in Finland
11:00-12:00	Three talks from young researchers selected from submitted abstracts
12:00-13:00	Lunch
13:00-13:30	Keynote: Alastair Kent, Patient advocacy - The Patient and Family Contribution to BioBanking
13:30-14:00	Lars Werner, Danish Psoriasis Association - Biobanking from a patient organisation perspective
14:00-14:30	Coffee break
14:30-15:00	Lisa Bredgaard, Danish Ministry of Health - Current status and future perspectives for biobanks in Denmark
15:00-16:00	Panel debate
16:00-	Best poster award and final remarks

About the symposium

Time: 16th November 2022 9:00 to 17th November 2022 16:00

Location: Statens Serum Institut, 5 Artillerivej, 2300 Copenhagen S

Contact: Lasse Boding, labo@ssi.dk

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The symposium is kindly supported by the Lundbeck Foundation

