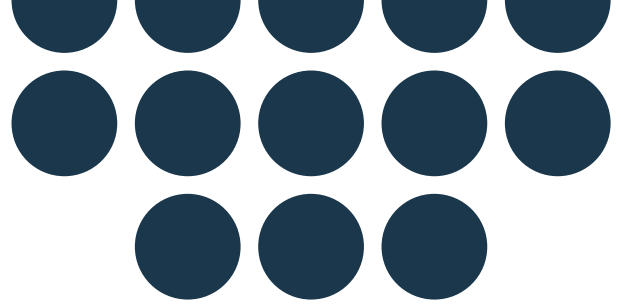


PhD Course

- Global challenges and possibilities in biobanking



PhD course

13th-17th November 2023, Copenhagen

Symposium

15th-16th November 2023, Copenhagen

Overview

The objective of this 5-day PhD course is to give insights and later deepen the student's understanding of the multidisciplinary world of biobanking. Offered by Copenhagen University and in collaboration with the Danish National Biobank at Statens Serum Institut, University of Helsinki, and The Spanish National Cancer Research Center, the course aims to provide the students with a core set of interdisciplinary tools to gain a better understanding of the key role of biobanking at a global level, its challenges and possibilities.

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 will also provide the students with the opportunity to network with students from other European countries, as well as with a broad spectrum of international speakers. 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 working groups
- Course assignments in the working groups

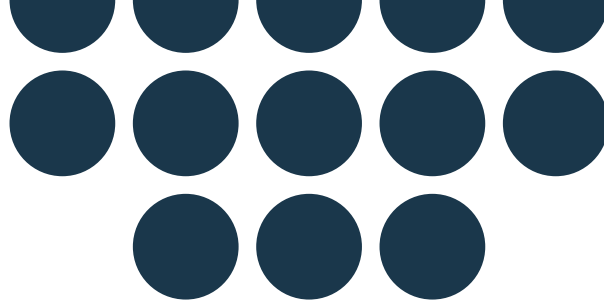
Onsite visit

Danish National Biobank (Copenhagen)

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: For further information and registration for the course please send an email to Madeleine Ernst (maet@ssi.dk) :
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PhD Course

- Global challenges and possibilities
in biobanking



Monday, 13th November 2023 (Statens Serum Institut)

9:00-10:00	Biobanks and Biobank Networks - Eva Ortega-Paino, Spanish National Cancer Research Center (CNIO)
10:00-11:00	Leveraging the potential of the Danish National Biobank - Karina Meden Sørensen and Bartłomiej Wilkowski 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, 14th November 2023 (Statens Serum Institut)

9:00-10:00	The scientific ethics review - Katharina Ó Cathaoir, Faculty of Law, University of Copenhagen
10:00-11:00	GDPR aspects in health research - Ulla Terese Kræmer, Chief Legal Advisor, 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, 15th and Thursday 16th November 2023 (Copenhagen)

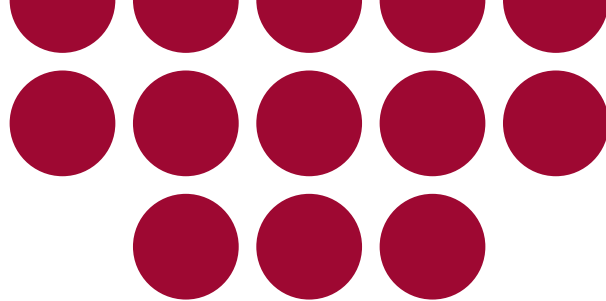
9:00-17:00	'Global challenges and possibilities of biobanking' (see programme)
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Friday, 17th November 2023 (Statens Serum Institut)

9:00-10:00	Site visit Danish National Biobank - Karina Meden Sørensen and Bartłomiej Wilkowski, Danish National Biobank, Statens Serum Institut
10:00-12:00	Working on data in groups (last preparations for presentations)
12:00-13:00	Lunch
13:00-17:00	Presentation of assignment in groups

Symposium

- Global challenges and possibilities in biobanking



Wednesday, 15th November 2023

9:00-9:15	Welcome and introduction - Eva Ortega-Paino, Spanish National Cancer Research Center (CNIO)
9:15-9:35	Monitoring perinatal health through routine biobanking - Michael Christiansen, Department of Congenital Disorders, Statens Serum Institut, Copenhagen, Denmark
9:35-9:55	Unraveling the metabolomic architecture of autism in a large Danish population-based cohort - Filip Ottosson, Clinical Metabolomics Research Group, Danish Center for Neonatal Screening, Department of Congenital Disorders, Statens Serum Institut
9:55-10:10	Presentation from young researcher selected from submitted abstracts
10:10-10:30	Coffee break
10:30-10:50	Genetics of placental weight - Bjarke Feenstra, Statens Serum Institut and Copenhagen University Hospital Biobank Unit
10:50-11:05	Presentation from young researcher selected from submitted abstracts
11:05-11:20	Presentation from young researcher selected from submitted abstracts
11:20-12:00	Panel debate
12:00-13:00	Lunch
13:00-13:20	Engendering warranted public trust in biobanks: Paying more than lip service - Inmaculada de Melo-Martin, Medical College-Cornell University, New York, US
13:20-13:40	Safe electronic official communication with patients through e-boks - Erik Sørensen, Copenhagen Hospital Biobank at Rigshospitalet, Denmark
13:40-13:55	Presentation from young researcher selected from submitted abstracts
14:00-14:30	Coffee break
14:30-14:50	New directions in Swedish biobanking: a revised biobanking act and future perspectives - Mark Divers, Karolinska Institute Biobank, Sweden
14:50-16:00	Panel debate
16:00-17:00	Poster session - network and drinks

Thursday, 16th November 2023

9:00-9:15	Summary from the previous day - Eva Ortega-Paino, Spanish National Cancer Research Center (CNIO)
9:15-9:35	Reducing the climate impact of labs by adjusting ULT freezers from -80°C to -70°C - Nikoline Borgermann, University of Copenhagen, Denmark
9:35-9:55	Sustainable biobanks: a case study for a green global bioethics - Gabrielle Samuel, Department of Global Health and Social Medicine, King's College London, UK
9:55-10:10	Presentation from young researcher selected from submitted abstracts
10:10-10:30	Coffee break
10:30-10:50	Creating the right conditions for sustainable biobanking, the financial dimension - Carian Boorsma, University Medical Center Groningen, the Netherlands
10:50-11:05	Presentation from young researcher selected from submitted abstracts
11:05-11:20	Presentation from young researcher selected from submitted abstracts
11:20-12:00	Panel debate
12:00-13:00	Lunch
13:00-13:20	The Future of Medicine: Exploring the Intersection of Bioinformatics, Precision Medicine, and AI - Fátima Al-Shahrou, Spanish National Cancer Research Center, Madrid, Spain
13:20-13:40	Algorithmic Bias and Fairness in the Big Data Age - Tibor Varga, University of Copenhagen, Denmark
13:40-13:55	Presentation from young researcher selected from submitted abstracts
13:55-14:30	Coffee break
14:30-14:50	Challenges in applying AI in radiology - Mikael Boesen, Bispebjerg and Frederiksberg Hospitals, Copenhagen, Denmark
14:50-16:00	Panel debate
16:00-17:00	Finishing remarks

About the symposium

Time: 15th November 2023 to 16th November 2023 17:00

Location: Statens Serum Institut, Artillerivej 5, 2300 Copenhagen

Contact: metabolomics@ssi.dk

