



An EU-Canada joint infrastructure
for next-generation multi-Study Heart research

‘Data Sharing: *More Incentives, Better Science*’ Virtual Workshop

**29-30 September 2020
14:00-18:00 CEST**

Objective: The workshop ‘*Data Sharing: More Incentives, Better Science*’ will bring together members of the euCanSHare (=An EU-Canada joint infrastructure for next-generation multi-Study Heart research) consortium and other experts in the field of cardiovascular research and data sharing. The objective is to discuss the barriers, challenges and opportunities for data sharing in cardiovascular research, and in particular to address the effectiveness of our academic system in supporting data sharing. The discussion will primarily focus on non-technical aspects of data sharing such as funding criteria, crediting mechanisms and recognition, the hyper-authorship phenomenon and research integrity.

Outcome: The meeting will set the agenda for the next in-person euCanSHare Workshop. During the meeting, experts will be able to raise points of discussion which will need to be addressed in-depth during the next workshop.

Modus Operandi: The meeting will be conducted via Zoom, and we will ask participants to shortly outline their views on relevant socio-cultural topics that need to be addressed with regards to data sharing in 10-20-minute presentations, which will be followed by discussions.

Type of workshop: Open to euCanSHare members. Restricted to non-euCanSHare members.

Agenda

DAY 1 – 29 September 2020

- 14:00-14:10** Welcome to participants
- 14:10-14:20** Introduction by Prof. Pascal Borry (KUL)
- 14:20-14:35** Presentation: euCanSHare by Dr. Karim Lekadir (UB)
- 14:35-14:50** Presentation: BigData@Heart by Dr Vaclav Papez (UCL)
- 14:50-15:20** Panel session:
 - Dr. Karim Lekadir (UB)
 - Dr Vaclav Papez (UCL)
 - Prof. Josep Lluís Gelpi (BSC)
 - Prof. Kari Kulaasma (THL)
 - Moderator: Mr. Thijs Devriendt (KUL)

Questions: How can data sharing platforms help to enhance data sharing? What are the problems of data sharing platforms in terms of long-term sustainability and getting data generators to submit data? What are problems in terms of platform overlap and competition?



15:20-15:40 Presentation: Interview study on incentives for data sharing by Mr. Thijs Devriendt (KUL)

15:40-16:10 Panel session:

- Mr. Thijs Devriendt (KUL)
- Prof. Carsten Oliver Schmidt (UMG)
- Prof. Steffen Petersen (QMUL)
- Prof. Gerard Pasterkamp (UCMU)
- Moderator: Prof. Mahsa Shabani (UGENT)

Questions: How can we address credit-related barriers to sharing? How do we better reward and make visible the work of data generators? What role do funders and academic institutions have in recognizing alternative metrics? What are the views on the specification of author/contributor roles on research articles (through CRediT taxonomy or Data Authorship)? What are the views on the use of data-level metrics related to quality and reuse as indicators of scientific productivity?

16:10-16:30 BREAK

16:30-16:45 Presentation: Data sharing and the SHIP cohort by Prof. Carsten Oliver Schmidt (UMG)

16:45-17:15 Session: *Tackle the topic!* (find simple solutions to complex problems in 10 minutes):

- Hyper-authorship and ICMJE guidelines – How do we proceed?
- The academic reward system and “big data” research – What to do about the evaluation system?
- Long-term sustainability of data sharing platforms – How to ensure long-term financing?

17:15-17:20 Day 1 conclusion by Prof. Pascal Borry (KUL)

DAY 2 – 30 September 2020

14:00-14:05 Welcome to participants

14:05-14:20 Presentation: European Commission’s perspective on data sharing by Dr. Kostas Repanas (European Commission, Directorate-General for Research and Innovation)

14:20-14:35 Presentation: Editors' Perspective on data sharing by Prof. Tomasz Guzik (ESC)

14:35-14:50 Presentation: Scientometrics and data sharing by Prof. Rodrigo Costas (Leiden University)

14:50-15:20 Panel session:

- Prof. Rodrigo Costas (Leiden University)
- Prof. Carsten Oliver Schmidt (UMG)
- Prof. Kari Kulaasma (THL)
- Dr. Kostas Repanas (EC)
- Moderator: Mr. Thijs Devriendt (KUL)

Questions: What are the actions funders of science can take to support data sharing in epidemiology? Should funders consider implementing alternative evaluation systems? Does increased specialization of roles



within epidemiology require more role-specific evaluation systems?
Which other actions can funders take?

15:20-15:40 BREAK

15:40-16:00 Presentation: Ethical aspects of data sharing by Prof. Mahsa Shabani

16:00-16:20 Panel session:

- Mr. Thijs Devriendt (KUL)
- Prof. Mahsa Shabani (UGENT)
- Dr. Michaela Th. Mayrhofer (BBMRI-ERIC)
- Moderator: Prof. Pascal Borry (KUL)

Questions: Is there an ethical imperative for sharing data? How should we deal with the sharing of data with commercial companies? How do we make sure the benefits of data sharing are equitably distributed? How do we address the independence of data access procedures?

16:20-16:40 BREAK

16:40-17:10 Session: *Tackle the topic!* (formulate the potential advantages and disadvantages of novel reward systems)

- CRediT taxonomy and contributorship
- Data Authorship
- Data-level metrics (usage, quality)
- Data papers and data citation
- Alternative publication units (publishing protocol, data dictionary)

17:10-17:20 Session: *Raise the issue!* (define key points to further address about data sharing in the next workshop)

17:20-17:25 Day 2 conclusion by Prof. Pascal Borry (KUL)

Please be aware that the virtual meeting will be recorded for internal purposes

