

BBS
Basel Biometric Society



Essentials of Medical Data Sharing and Privacy – Maximize the use of data

Date: 16. May 2024

Time: 14.00 – 17:00 CET

Venue: University Basel Petersplatz 1, Kollegienhaus, Hörsaal 001
& virtual

Costs: FREE, but registration required ([LINK](#))

Introduction

To unlock innovation in the life science space, sharing data among public and private institutions is critical. Data sharing can be executed in various forms, from centralizing data where one brings all data into a single location, to decentralized data sharing where data remains at the institution but insights are developed together such as in federated learning. With a diversity of approaches and tools available, it is not always easy to create a fit for purpose solution for a specific data sharing situation at hand. The seminar aims to provide practical guidance to select a possible data sharing approach for a given problem statement. Statistical, technological, legal and policy considerations will be discussed for a spectrum of data sharing approaches by academic, industry and regulatory experts in the field of data sharing.

The event is free of charge, but registration is mandatory. Please go to [LINK](#).

Kind Regards, the organization committee Dominik Heinzmann (Roche, BBS council member), Peter Krusche (Novartis) and Giusi Moffa (University of Basel, BBS council member).

Agenda

- [14.00-15.35] **Current trends & challenges in data sharing**
 - o **Intro:** Dominik Heinzmann, Roche
 - o **Swiss Personalized Health Network- From clinical routine data to FAIR data for research:** Sabine Oesterle, Swiss Institute of Bioinformatics
 - o **Trends in health data sharing in industry:** Rebecca Sudlow, Roche
 - o **Fostering global data sharing in the industry: legal challenges and practical tips:** Magalie Wasem, Pharma Law Solutions GmbH
 - o **Legal aspects of data sharing - academic perspective:** Franziska Baechler, University Basel
 - o **Spotlight data sharing examples**
 - Data sharing at University Hospital Basel: Bram Stieltjes, USB
 - Industry-academia collaboration - Novartis & Big Data Institute partnership to advance AI: Dieter Haering, Novartis
 - EU EH DEN: Daniel Priet Alhambra, University of Oxford

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- [15.35-15.55] **BREAK**
- [15.55-16.15] **Navigating through the jungle of data sharing tools – Start with the research objective**, Peter Krusche, Novartis
- [16.15-17.00] **Technological and methodological innovations in privacy:**
 - o **Multi-party, privacy preserving collaboration in the cloud**: Sarper Guerel, Amazon Web Services
 - o **Synthetic data as a novel anonymization technique: generation and evaluation approaches**: Marta Batlle, Roche
 - o **Federated Encrypted Computing: Share insights, protect the data**: Juan Ramon Troncoso Pastoriza, Tuneinsights
- **Wrap-up**: Giusi Moffa, University of Basel