



ELIXIR Europe Conference

Open Data in Action: Life Science Data Infrastructure for Innovation

4 February 2016



The importance of achieving a secure life science data infrastructure is becoming increasingly apparent as ever greater volumes of complex data are being generated from national and EC-funded research projects. The Open Data mandates of national and European funders are a welcome step in ensuring maximum re-use from publically-funded research: accessible, well structured data gets re-used in science, and Open Data is in turn a major driver of innovation. Bioinformatics databases form an integral part of the data infrastructure in the life sciences, and act as the bedrock for future scientific breakthroughs in health, the environment and the bioindustries.

The high-level conference will address several aspects of this topic, from the perspective of funders, infrastructure operators and users across industry and academia

Keynotes from:

- Robert-Jan Smits, Director General, DG Research and Innovation, European Commission
- Niklas Blomberg, ELIXIR Director
- Pierre Meulien, Executive Director, Innovative Medicines Initiative (IMI)
- Barend Mons, High Level Expert Group on European Open Science Cloud





Programme

13:00 Buffet lunch (room: La Rotonde)

14:00 **Session I: Open Data for Innovation** (room: La Grande Nef)
Chaired by **Dr Anna Wetterbom, Swedish Research Council, ELIXIR Vice Chair**

Robert-Jan Smits, Director General, DG Research and Innovation, European Commission

Open Innovation, Open Science and Open to the World: Horizon 2020 in an ERA of innovation

Niklas Blomberg, ELIXIR Director

ELIXIR Europe: the Distributed Life Science Infrastructure for Biological Data

Pierre Meulien, Executive Director, Innovative Medicines Initiative (IMI)

The importance of Big Data for Better Outcomes in IMI

Barend Mons, High Level Expert Group on European Open Science Cloud

Reflections from the High Level Expert Group on European Open Science Cloud

15:30 Coffee break (room: La Rotonde)

16:00 **Session II: Bioinformatics resources in action** (room: La grande Nef)
Chaired by **Prof. Torsten Schwede, University of Basel, SIB and ELIXIR Chair**

Ron Appel, Swiss Institute of Bioinformatics (SIB), Switzerland

SIB Swiss Institute of Bioinformatics in supporting life science discoveries

Jo McEntyre, EMBL-EBI, Literature Services

Linking Open Access literature with data: new opportunities for scientific discovery

Tove Alm, SciLifeLab, Sweden

The Human Protein Atlas: a flagship resource for understanding the whole human proteome



17:00 Session III: Understanding the value of an Open Data infrastructure: perspectives from users, operators, industry and funders (room: La grande Nef)

Panel discussion moderated by Sabina Leonelli, Associate Professor, University of Exeter and ERC Starting Grant holder

Panel members:

- Magda Chlebus, EFPIA, Brussels
- Claus Stie Kallesøe, Gritsystems A/S, Denmark
- Alvis Brazma, European Bioinformatics Institute, Hinxton, Cambridge
- Martin Stokhof, ERC Working Group on Open Data
- Mario Caccamo, AgriMetrics - UK, Cambridge

18:00 Drinks reception and networking cocktail (Mezzanine)
Including speech by Antonio Di Giulio, Head of Unit, Research Infrastructures, DG Research and Innovation

Venue:

Bibliothèque Solvay
Parc Léopold
Belliardstraat 137
Brussels, 1040, Belgium

