ELIXIR Data Management Coordinator Profile

Name:	Dr. Ulrike Wittig
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PI:	PD. Dr. Wolfgang Müller
Function:	ELIXIR Officer of Systems Biology Services
Topic:	ELIXIR Converge and Data Management

Activities in ELIXIR

Platforms

- ELIXIR Data Platform: **Platform Lead**
- ELIXIR Interoperability Platfrom

Focus Gropus

- Biocuration: **Member of Steering Committee**
- Systems Biology

Publications

- Meyer et al. Implementing FAIR data management within the German Network for Bioinformatics Infrastructure (de.NBI) exemplified by selected use cases. Brief. Bioinform. 2021
- **Wittig U.** et al. Data management and data enrichment for systems biology projects. J Biotechnol. 2017.
- Stanford J. N. et al. Data management in computational systems biology: exploring standards, tools, databases, and packaging best practices. Methods Mol. Biol. 2019.
- dos Santos M. et al. Systems biology in ELIXIR: modeling in the spotlight (under review).

Participation in ELIXIR Service Provision

- RDMkit
- FAIRDOM-SEEK
- FAIRDOMHub
- SABIO-RK (+biocuration service)

Current Tasks

Platform Tasks

Data Platfrom:
- Support to drive new developments in Data platform
- Organisation and promotion of platform events and meetings
- **Member of the task force for revision of the ELIXIR Core Data Resources selection process and criteria**
- **Member of International Biocuration Society**
- Participation in Implementation studies "Scalable curation"
- Interaction with Biocuration focus group and networking
- Community and data management network engagement

Interoperability Platfrom:
- Joint activities between EDP-EIP

Implementation Studies

- 22-APICURON - Integration with curation databases:
  - WP1-3: active participation
  - WP2: **Workpackage Lead**

Participation in EU Projects

ELIXIR Converge:
- WP1: Data Management Network
- WP2: Capacity building and RDM training
- **WP3: RDMKit - Member of RDMkit editorial board**
- WP5: Demonstrator projects

Collaboration with others

- FAIRDOM
- NFDI4Biodiversity
- NFDI4Health
- STRENDA