

Research Data Management Plans in NFDI4Microbiota

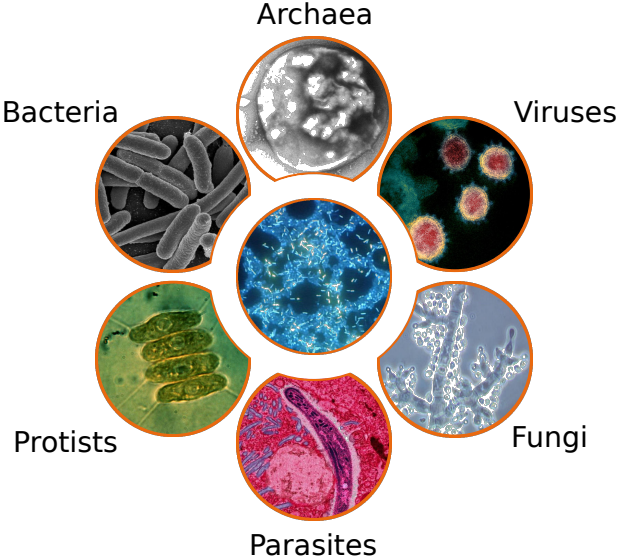
Justine Vandendorpe and Konrad U. Förstner

Workshop "Erstellung von Datenmanagementplänen und Einsatz von DMP Tools in der NFDI"

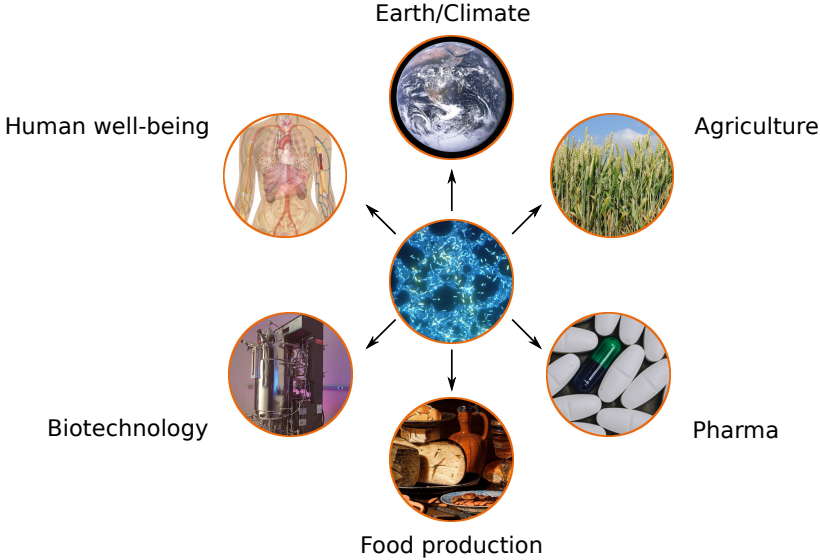
2021-03-02



Scope of NFDI4Microbiota



Benefitting fields



Vision

Researchers can translate data easily into a deep understanding of microbial organisms and their interactions on a molecular level.

>50
Participants

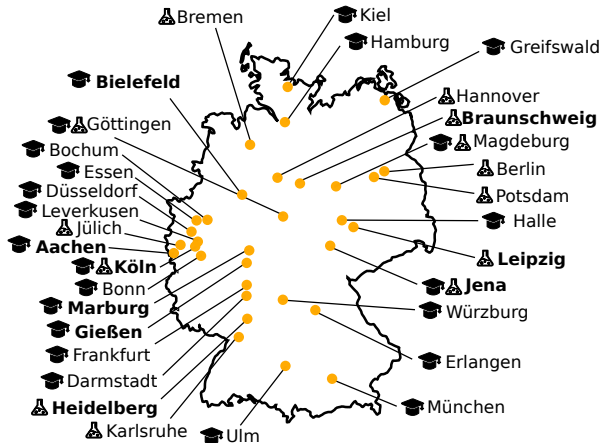


10
(Co-)Applicants



5
Associations

VAAM
GfV
DGHM
DGP
DGfM



9

**Research
Consortia**

SPP 2330
SFB 1221
SPP 2141
SFB 1371
TRR 124
SPP 2002
EXC 2051
SFB 1382

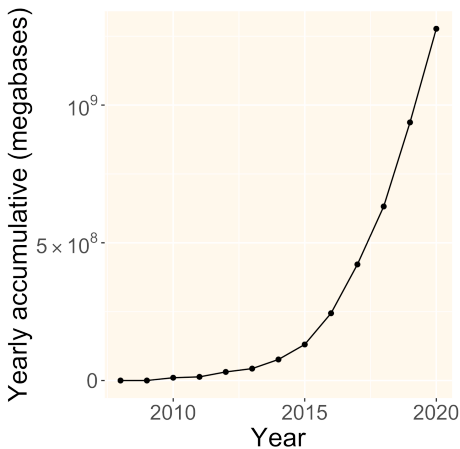
Fraunhofer CIMD

 **Universities**

 **Research
Institutes**

- **Research Data Management**
- Resources to make data **FAIR** and **Open**
- **Quality** control
- General and specific **data science skills**
- Domain-specific **software**, **services** and **databases**
- **Expert support** (bioinformaticians, data stewards)
- Computational **infrastructure** and **workflows**

Data types covered by NFDI4Microbiota



- Omics (Genomics, Proteomics, etc.)
- Imaging
- Taxonomic data
- Subdomain-specific data

Creation and management of Data Management Plans with RDMO to:

- describe **research projects** and associated **data** (type, quality, organisation and usage)
- cover all **intermediate files**, **result files** and **visualizations** generated in the analysis process
- **RDMP** \iff **policies**

RDMO4Life Übersicht Login

Research Data Management Organiser

Forschungsdaten in den Lebenswissenschaften

Welcome to RDMO

The aim of the RDMO project is to deliver a web application to assist structured planning, implementation and administration of the data in a scientific project. Additionally, the gathered information can be cast into textual forms suitable for funding agencies requirements or for reports.

This is a prototype of the software, for demonstration purposes.

For more information about the project visit [rdmorganiser.github.io](https://github.com/rdmorganiser)

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Gefördert durch

DFG Deutsche Forschungsgemeinschaft
RDMO ist auf github.com/rdmorganiser/rdmo

Impressum

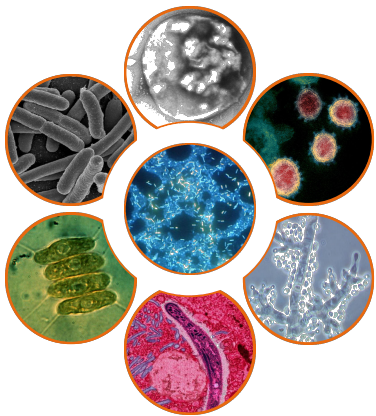
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Lebenswissenschaften
Impressum

Disclaimer

Datenschutzerklärung

RDMO4Life is a dedicated version of RDMO for all research institutions that work in the field of life sciences offered by ZB MED

- Generating further specific question catalogs for the subdomains of NFDI4Microbiota
- Integration with all stakeholders in the processes (researchers, data generating facilities, etc.)
- Aligning with RDMP approaches of connected fields / NFDI consortia
- Thinking about actionability and combination with computational workflows



Thank you for your attention.

<https://nfdi4microbiota.de/>

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Twitter: [@nfdi4microbiota](https://twitter.com/nfdi4microbiota)