WELCOME  GO FAIR Personal Health Train Workshop

Berlin | 12.02.2019

Sebastian C. Semler - Roman Siddiqui
TMF – Technology, Methods, and Infrastructure for Networked Medical Research | Berlin, Germany
Synergy, quality & standards – shared solutions for health
About TMF [http://www.tmf-ev.de/EnglishSite/AboutUs.aspx]

- non-profit umbrella organization for academic medical research consortia and institutions
- established by Federal Ministry of Education and Research (BMBF) in 1999
- funded by three federal ministries: BMBF (Education & Research), BMG (Health), BMWT (Economy & Technology)
- supported by several funding bodies (e.g. DFG)
- involved in EU-funded projects (FP7, ESFRI, Innovative Medicine Initiative)
Membership

- German Centers for Health Research (DZGs)
- Integrated Research & Care Centers
- The National Cohort
- Competence Networks in Medicine
- Networks for Rare Diseases
- Zoonosis Research Networks
- Coordinating Centers for Clinical Trial
- German Biobank Node
- Luxembourg Centre for Systems Biomedicine (LCSB)
... and many more
Working Groups

- Biobanking
- Data Protection
- IT Infrastructure and QM
  (incl. e-Health and Telemedicine)
- Management of Clinical Studies
- Medical Technology
- Medical Bioinformatics & Systems Medicine
- Zoonoses Research
- Network Management
- Science Communication
- Data Quality … coming in 2019
Mission and Philosophy

Solve Scientist-Defined Problems!

“TMF serves as an interdisciplinary platform for the exchange of expertise with an aim to improve the infrastructural framework of clinical, epidemiological and translational research in Germany.”
Solutions and Products

- harmonized SOPs for clinical trials
- generic data protection concepts (endorsed by all Lander authorities)
- pseudonymization tool for clinical research and biobanking
- guidelines for patient consent (including checklists)
- severe adverse events (SAE) reporting software
- peer-reviewed publications and TMF book series
- TMF project and workshop results

Open Access, Free of Charge, for the Academic Community
www.tmf-ev.de/Produkte/Uebersicht.aspx
Data quality control & standards in clinical research

- legal and ethical framework
- data quality management and quality control
- linking research and health care
- standards and terminologies
- IT infrastructure for clinical research
Quality control & standards in bioinformatics/genomics

Towards Next-Generation-Sequencing in the Clinic
Fostering standardization in

NATIONAL STEERING COMMITTEE (NSC)

CONSORTIA

Consent working group
Data sharing working group
Interoperability working group
Communications working group

BMBF
Dialogue forum
Annual general meeting
Coordination office

GEFÖRDERT VOM
Bundesministerium für Bildung und Forschung
Coordinative support for DFG-funded projects

DFG funds nine projects establishing different research infrastructures in biomedical research

Role by TMF since 2016
- Coordination and accompanying consulting for the subprojects
- Updating and strategic further development of established tools
- Free provision of project results via TMF platform

Kickoff-Workshop with the project leaders, 8. Juli 2016
Goals

- follow a bottom-up approach
  - *more acceptance and sustainability*

- foster continuous interdisciplinary collaboration
  - *methods*
  - *infrastructure*
  - *legal and ethical issues*

- avoid duplication of efforts
  - *fewer parallel projects or infrastructure (no “research waste”)*
  - *less diversification of organizations, committees, events*

- gain impact
  - *sustain reliability (services, tools)*
  - *ensure liability (concepts, legal matters)*
  - *promote political communication*
Have a great, successful workshop!

More information [www.tmf-ev.de](http://www.tmf-ev.de) (German)
[www.tmf-ev.de/EnglishSite/AboutUs.aspx](http://www.tmf-ev.de/EnglishSite/AboutUs.aspx)

Contact

Head Office TMF e.V.
Charlottenstraße 42/Dorotheenstraße
10117 Berlin
[roman.siddiqui@tmf-ev.de](mailto:roman.siddiqui@tmf-ev.de)

+49 (30) 22 00 24 52
info@tmf-ev.de
[www.tmf-ev.de](http://www.tmf-ev.de) | [Twitter](http://www.tmf-ev.de) @TMF_eV