

QUEST Center for Responsible Research

who we are and how we support responsible research

Vision, Mission, Organisation

Daniel Strech, MD, PhD, Deputy Director of the BIH QUEST Center

10.5.2022

 daniel.strech@bih-charite.de

 [@Strech_Da](https://twitter.com/Strech_Da)

BIH QUEST
Center for Responsible Research

BIH Berlin Institute
of Health
@Charité

Quality Ethics Open Science Translation (est. 2017)



QUEST Framework for Responsible Research



February 11, 2020

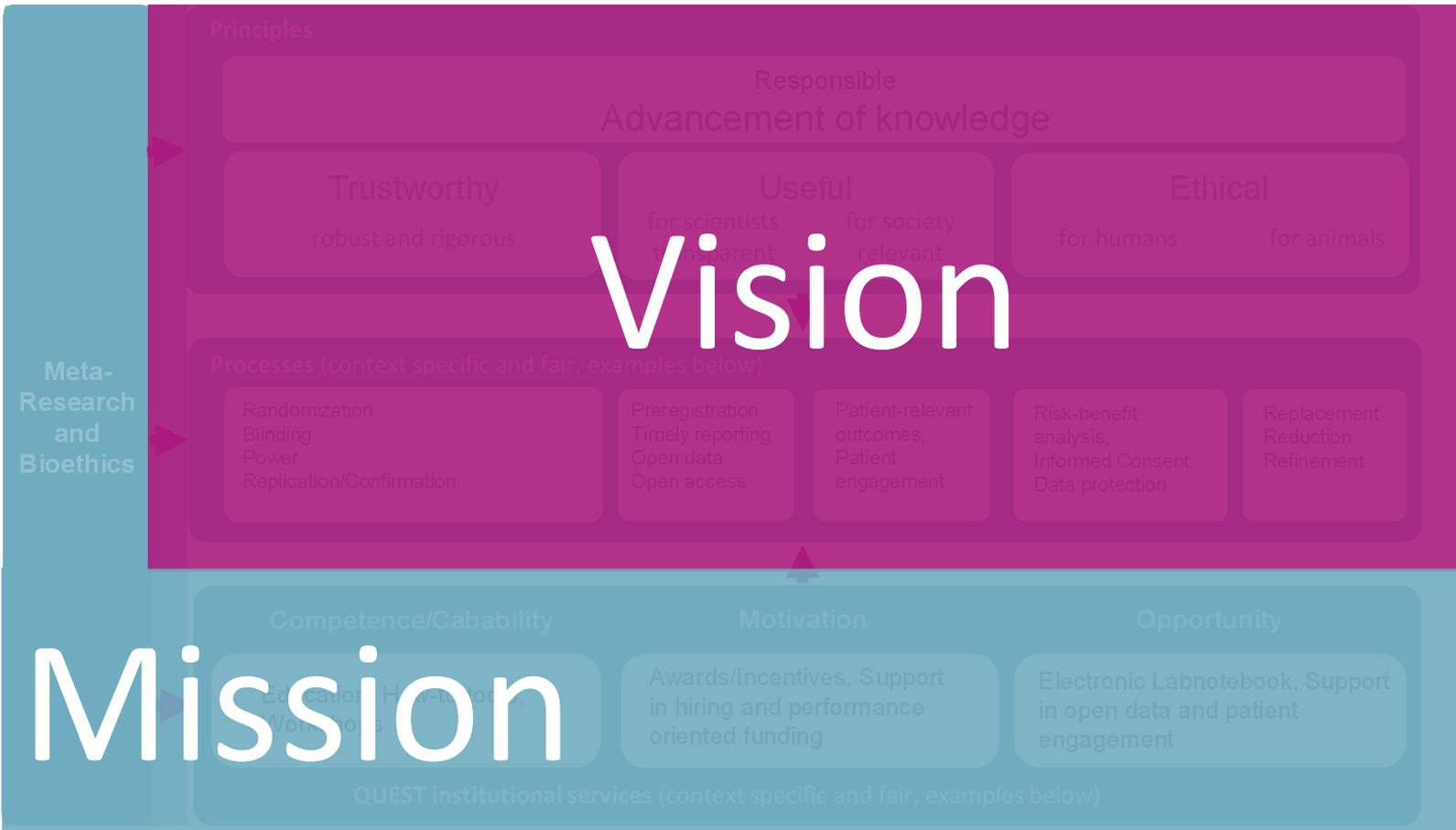
COMMUNITY PAGE

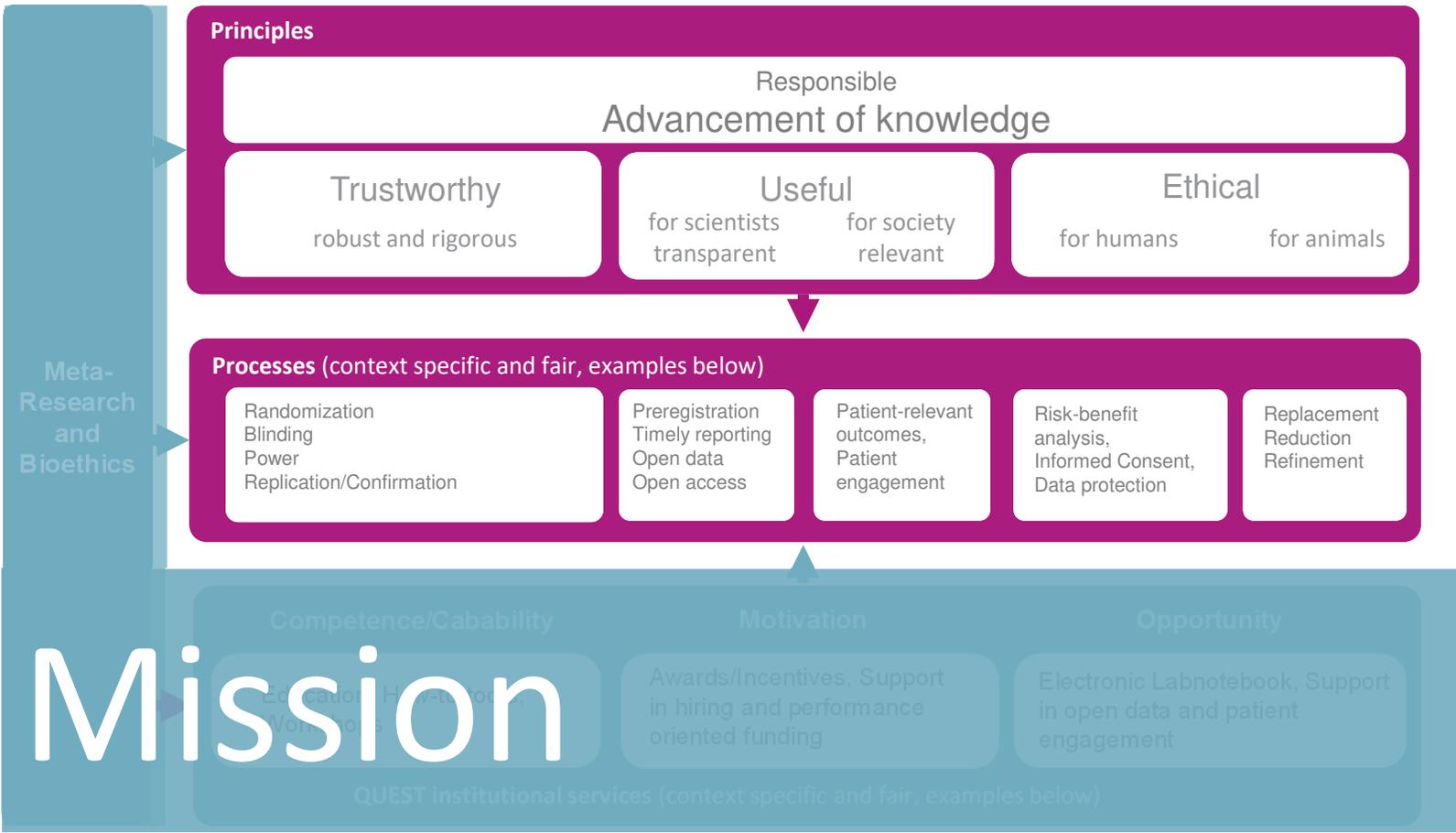
Improving the trustworthiness, usefulness, and ethics of biomedical research through an innovative and comprehensive institutional initiative

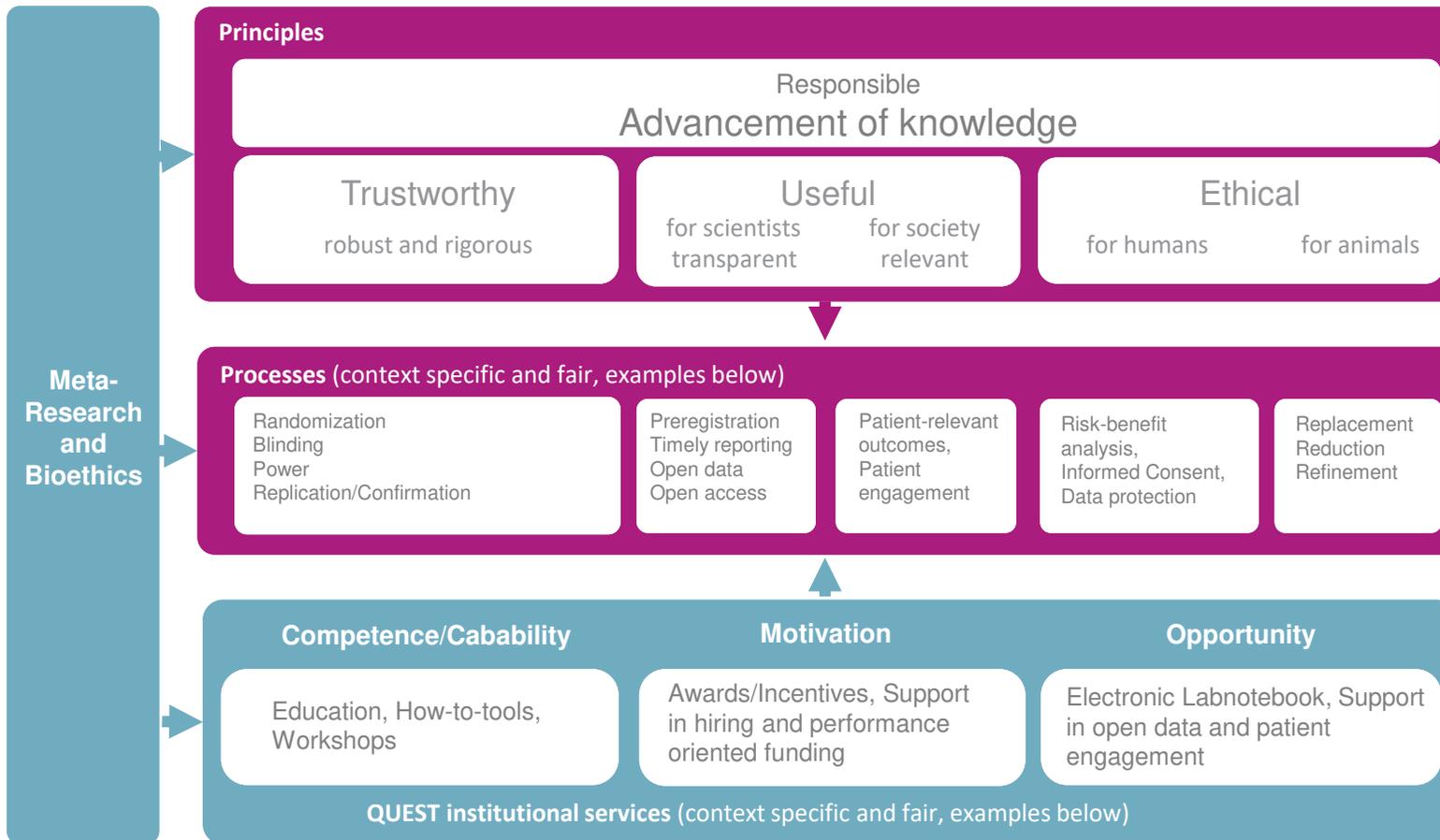
Daniel Strech ^{1,2}, **Tracey Weissgerber** ^{1,2}, **Ulrich Dirnagl** ^{1,2*}, on behalf of QUEST Group^{1†}

1 QUEST Center for Transforming Biomedical Research, Berlin Institute of Health (BIH), Berlin, Germany,

2 Charité - Universitätsmedizin Berlin, Berlin, Germany







QUEST Approaches



- **Quality assurance:** promote compliance of preclinical and clinical research with standards and guidelines on design, conduct, analysis and reporting.



- **Education:** develop and implement training and teaching resources on experimental and study design, methods to reduce bias, new modes of publishing, open science, etc.



- **Open Science:** improve the accessibility and transparency of BIH research and its results through Open access and Open data.



- **Rewards and incentives:** develop, implement, and assess the impact of novel indicators incentives and metrics for rewarding researchers, appropriating funding and awarding academic degrees.

QUEST Approaches



- **Stakeholder engagement:** develop, support, and evaluate patient and stakeholder engagement activities throughout the entire process of biomedical research



- **Meta-Research:** identify opportunities for improving research practice and obtain evidence for the impact of its activities through ‘research on research’.



- **Bioethics of translation:** develop scientifically sound and practice-oriented recommendations on ethical requirements for research with humans, animals and sensitive data



- **Think tank:** act as advisors to stakeholders in biomedicine from funders to politics.

Office Teams

Administration and Project Management



Dr. Stephanie Müller-Ohraun
Administrative Leiterin
Telefon: +49 30 450 543 043
E-Mail: stephanie.ohraun@bih-charite.de



Claudia Kirchert
Office Managerin
• Administrative Unterstützung | Webpage
| Koordinierung von Veranstaltungen und Workshops
Telefon: +49 30 450 543 074
E-Mail: claudia.kirchert@bih-charite.de



Dr. Lorena Martínez Gamboa
Referentin Projektmanagement
• Koordinierung der QUEST Projekte |
internes Projektmanagement | interne
Kommunikation
Telefon: +49 30 450 543 455
E-Mail: lorena.martinez_g@bih-
charite.de



Gabriela Seidel-Hart
Assistentin
• Einkauf | Reisen
Telefon: +49 30 450 560 122
E-Mail: gabriela.seidel@bih-charite.de



Ruth Woelpert
Assistentin
• Büroorganisation | On- und Offboarding
Telefon: +49 30 450 543 074
E-Mail: ruth.woelpert@bih-charite.de

Services



Dr. Evgeny Bobrov
Projektleiter Open Data und Forschungs-
datenmanagement (FDM)
• Strategie Open Data und FDM sowie
Koordination der Umsetzung | Konzept
und Dissemination von
Datamanagementplänen | Beratungen im
Bereich Open Data und FDM | Team
Telefon: +49 30 450 543 069
E-Mail: evgeny.bobrov@bih-charite.de



Dr. Klaus-Detlef Heber
IT-Systemadministrator
• Betreuung der IT-Projekte des QUEST
Centers | Service und Beratung zum Thema
digitale Forschungsinfrastruktur
Telefon: +49 30 450 543 059
E-Mail: klaus-detlef.heber@bih-
charite.de



Dr. Miriam Kip, MPH
Projektleiterin Inzentivierung und Indika-
toren | Charité-Baufrage Inzentivierung
und Indikatoren
• Konzeption / Entwickl. von
Anreizsystemen und (neuen) Indikatoren |
Konzeption neuer Formate für eine gute
Evaluationspraxis | Begleitforschung von
Maßnahmen, Implementierung / Beratung
| Team
Telefon: +49 30 450 543 055
E-Mail: miriam.kip@bih-charite.de



PD Dr. Ulf Tösch
AG Leiter | Projektleiter Ausbildung, Trai-
ning & Qualität in der Forschung
• Koordination von Maßnahmen zur
Verbesserung der Forschungsqualität |
Konzept zu Unterrichtsformaten zu Open
Science/Statistik | Entwickl./Durchführung
von Projekten zur Reproduzierbarkeit | Team
Telefon: +49 30 450 543 013
E-Mail: ulftoesch@bih-charite.de



Dr. Sarah Weschke
Referentin für Patient & Stakeholder Engage-
ment (PSE)
• Strategie und Koordination der
Implementierung von PSE | Beratung von
Wissenschaftler*innen zu PSE |
Durchführung von Projekten zum Thema
PSE
Telefon: +49 30 450 543 304
E-Mail: sarah.weschke@bih-charite.de



Sabine König
Projektassistentin im Bereich Inzentivierung
und Indikatoren
• allgemeine Projektassistenz |
Aufbereitung von Unterlagen, Management
von Literatur, Redigieren | Koordination
von Veranstaltungen und Workshops
Telefon: +49 30 450 543 055
E-Mail: sabine.koenig@bih-charite.de



Dipl.-Ing. Ingo Przesdzing
ELN-Programmierer
E-Mail: ingo.przesdzing@bih-charite.de



Dr. Nico Riedel
Data Scientist
• Text und Data Mining | Soziale Netzwerk-
und bibliometrische Analysen | Beratung
und Serviceleistungen zur
wissenschaftlichen Bibliometrie
Telefon: +49 30 450 543 009
E-Mail: nico.riedel@bih-charite.de



Dr. rer. nat. Christiane Wetzfel
Projektleiterin QUEST Programmevaluation
• Konzeption und Weiterentwicklung der
QUEST-internen Programmevaluation |
Planung und Umsetzung von Evaluationen
| Ableitung von Schwerpunkten für die
strategische Programmentwicklung | Team
Telefon: +49 30 450 543 668
E-Mail: christiane.wetzfel@bih-
charite.de

Research Groups and Project Teams

 <p>Prof. Dr. Ulrich Dreier Direktor (E) 1.41 Leiter ORCID Twitter LinkedIn Telefon: +49 30 450 543 160 E-Mail: ulrich.dreier@bih-charite.de</p>	 <p>Dr. Ines Bruns Co-Managerin Projektmanagerin - IGS Exp. Health Charité Telefon: +49 30 450 543 160 E-Mail: ines.brun@bih-charite.de</p>	 <p>Johanna Walter Projektmanagerin Leiterin Koordinatorin Telefon: +49 30 450 543 160 E-Mail: johanna.walter@bih-charite.de</p>	 <p>Dr. Ingrid Isenhardt Präsidentin Leiterin Koordinatorin Telefon: +49 30 450 543 160 E-Mail: ingrid.isenhardt@bih-charite.de</p>	 <p>Dr. Angela Kruse Wissenschaftliche Mitarbeiterin - IGS Telefon: +49 30 450 543 160 E-Mail: angela.kruse@bih-charite.de</p>	 <p>Dr. Christina Huberman Wissenschaftliche Mitarbeiterin - Managerin Telefon: +49 30 450 543 160 E-Mail: christina.huberman@bih-charite.de</p>	 <p>Prof. Dr. Dr. Stefan Brand 1.41 Leiter 1.41 Stellvertreter Direktor ORCID Twitter LinkedIn Telefon: +49 30 450 543 160 E-Mail: stefan.brand@bih-charite.de</p>	 <p>Till Bröcher Wissenschaftlicher Mitarbeiter Telefon: +49 30 450 543 160 E-Mail: till.broecher@bih-charite.de</p>	 <p>Barbara Engel Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: barbara.engel@bih-charite.de</p>	 <p>Sarah H. Carr, PhD Research Charité Telefon: +49 30 450 543 160 E-Mail: sarah.h.carr@bih-charite.de</p>	 <p>Alexandra Krawinkel Project Charité Telefon: +49 30 450 543 160 E-Mail: alexandra.krawinkel@bih-charite.de</p>	 <p>David Rohly Stellenleiter Charité Telefon: +49 30 450 543 160 E-Mail: david.rohly@bih-charite.de</p>
 <p>Dipl. Biotechn. Claudia Koneck Stellenmanagerin Projektmanagerin Telefon: +49 30 450 543 160 E-Mail: claudia.koneck@bih-charite.de</p>	 <p>Dr. Vitoch Inzunza Wissenschaftlicher Mitarbeiter Telefon: +49 30 450 543 160 E-Mail: vitoch.inzunza@bih-charite.de</p>	 <p>Dipl.-Ing. Ingo Probst Stellen Charité Telefon: +49 30 450 543 160 E-Mail: ingo.probst@bih-charite.de</p>	 <p>Anastasia Iankova Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: anastasia.iankova@bih-charite.de</p>	 <p>Dr. Jan Tackitz Wissenschaftlicher Mitarbeiter - IGS Telefon: +49 30 450 543 160 E-Mail: jan.tackitz@bih-charite.de</p>	 <p>Mira Grotz, MEd Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: mira.grotz@bih-charite.de</p>	 <p>Doreen Franzen, PhD Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: doreen.franzen@bih-charite.de</p>	 <p>Marin Hoffmann, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: marin.hoffmann@bih-charite.de</p>	 <p>Sahib Ingal Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: sahib.ingal@bih-charite.de</p>	 <p>Tara Kroll, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: tara.kroll@bih-charite.de</p>	 <p>Sofia Woywodt Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: sofia.woywodt@bih-charite.de</p>	
 <p>Tanya Weigert, PhD 1.41 Leiterin Telefon: +49 30 450 543 160 E-Mail: tanya.weigert@bih-charite.de</p>	 <p>Carola Easly Stellenleiterin Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: carola.easly@bih-charite.de</p>	 <p>Constanze Hubner, MSc Projektmanagerin - Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: constanze.hubner@bih-charite.de</p>	 <p>PD Dr. Ulf Tisch 1.41 Leiter Projektleiter Projektleiter Telefon: +49 30 450 543 160 E-Mail: ulf.tisch@bih-charite.de</p>	 <p>Carina Corwin, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: carina.corwin@bih-charite.de</p>	 <p>Anja Colgan, MSc Doktorandin - DEE Telefon: +49 30 450 543 160 E-Mail: anja.colgan@bih-charite.de</p>	 <p>Tara Kroll, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: tara.kroll@bih-charite.de</p>	 <p>Mona Hübner Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: mona.huebner@bih-charite.de</p>	 <p>Dipl.-Psych. Maria Heitz Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: maria.heitz@bih-charite.de</p>	 <p>Dr. rer. nat. Christiane Bittel Präsidentin QUEST Programmkoordinatorin Telefon: +49 30 450 543 160 E-Mail: christianebittel@bih-charite.de</p>	 <p>Isabella Conig, BA Eng. Stellenleiterin RE-PLACE Telefon: +49 30 450 543 160 E-Mail: isabella.conig@bih-charite.de</p>	 <p>Dipl.-Soz. Tech. Ina Frenzel Wissenschaftliche Mitarbeiterin - RE-PLACE Telefon: +49 30 450 543 160 E-Mail: ina.frenzel@bih-charite.de</p>
 <p>Veron Kautsch Stellenleiterin Charité Telefon: +49 30 450 543 160 E-Mail: veron.kautsch@bih-charite.de</p>	 <p>Robert Schell, MEd Wissenschaftlicher Mitarbeiter - Doktorand Telefon: +49 30 450 543 160 E-Mail: robert.schell@bih-charite.de</p>	 <p>Dipl. Psych. Ingrid Isenhardt Wissenschaftliche Mitarbeiterin - DEE Telefon: +49 30 450 543 160 E-Mail: ingrid.isenhardt@bih-charite.de</p>	 <p>Dipl. Ingrid Isenhardt Wissenschaftliche Mitarbeiterin - DEE Telefon: +49 30 450 543 160 E-Mail: ingrid.isenhardt@bih-charite.de</p>	 <p>Dr. Natascha Truhs Wissenschaftliche Mitarbeiterin - Projektleiterin Telefon: +49 30 450 543 160 E-Mail: natascha.truhs@bih-charite.de</p>	 <p>Tara Kroll, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: tara.kroll@bih-charite.de</p>	 <p>Dr. Vitoch Inzunza Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: vitoch.inzunza@bih-charite.de</p>	 <p>Patric Reuschmann, PhD 1.41 Stellvertreter Projektleiter Telefon: +49 30 450 543 160 E-Mail: patric.reuschmann@bih-charite.de</p>	 <p>Rita Sahel, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: rita.sahel@bih-charite.de</p>	 <p>Daniela Schöner, MA Soz. Doktorandin QUEST Telefon: +49 30 450 543 160 E-Mail: daniela.schoener@bih-charite.de</p>	 <p>Aurélien Vassant, BA Phil. Stellenleiterin RE-PLACE Telefon: +49 30 450 543 160 E-Mail: aurelien.vassant@bih-charite.de</p>	
 <p>Dr. Hilmar Gij, MEd Projektleiterin Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: hilmar.gij@bih-charite.de</p>	 <p>Sahar Hübner Projektmanagerin Telefon: +49 30 450 543 160 E-Mail: sahar.huebner@bih-charite.de</p>	 <p>Natascha Truhs Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: natascha.truhs@bih-charite.de</p>	 <p>Dr. Marie Hübner Wissenschaftliche Mitarbeiterin - Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: marie.huebner@bih-charite.de</p>	 <p>Sara Kroll, MSc Wissenschaftliche Mitarbeiterin - DEE Telefon: +49 30 450 543 160 E-Mail: sara.kroll@bih-charite.de</p>	 <p>Dr. Vitoch Inzunza Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: vitoch.inzunza@bih-charite.de</p>	 <p>Doreen Franzen, PhD Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: doreen.franzen@bih-charite.de</p>	 <p>Rita Sahel, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: rita.sahel@bih-charite.de</p>	 <p>Prof. John P.A. Ioannidis, MD, DSc Direktor RE-PLACE Stellenleiter Telefon: +49 30 450 543 160 E-Mail: john.ioannidis@bih-charite.de</p>	 <p>Sophia O'Connell, MSc Research Fellow PhD Student Telefon: +49 30 450 543 160 E-Mail: sophia.oconnell@bih-charite.de</p>	 <p>Luana Balthasar, PhD Research Fellow Project Telefon: +49 30 450 543 160 E-Mail: luana.balthasar@bih-charite.de</p>	
 <p>Dipl. Psych. Gero Knappe Projektleiterin - IGS Charité Telefon: +49 30 450 543 160 E-Mail: gero.knappe@bih-charite.de</p>	 <p>Hilmar Gij, MEd Projektleiterin - Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: hilmar.gij@bih-charite.de</p>	 <p>Janine Wübner Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: janine.wuebner@bih-charite.de</p>	 <p>Dr. Sarah Wenzel Projektleiterin Stellenleiterin Telefon: +49 30 450 543 160 E-Mail: sarah.wenzel@bih-charite.de</p>	 <p>Dr. Juliet Rosoldi Wissenschaftliche Mitarbeiterin - Projektleiterin Telefon: +49 30 450 543 160 E-Mail: juliet.rosoldi@bih-charite.de</p>	 <p>Dr. Susanne Gubelin Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: susanne.gubelin@bih-charite.de</p>	 <p>Tara Kroll, MSc Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: tara.kroll@bih-charite.de</p>	 <p>Dr. Susanne Wenzel Wissenschaftliche Mitarbeiterin Telefon: +49 30 450 543 160 E-Mail: susanne.wenzel@bih-charite.de</p>				

Berlin and beyond ...



QUEST Center for Responsible Research

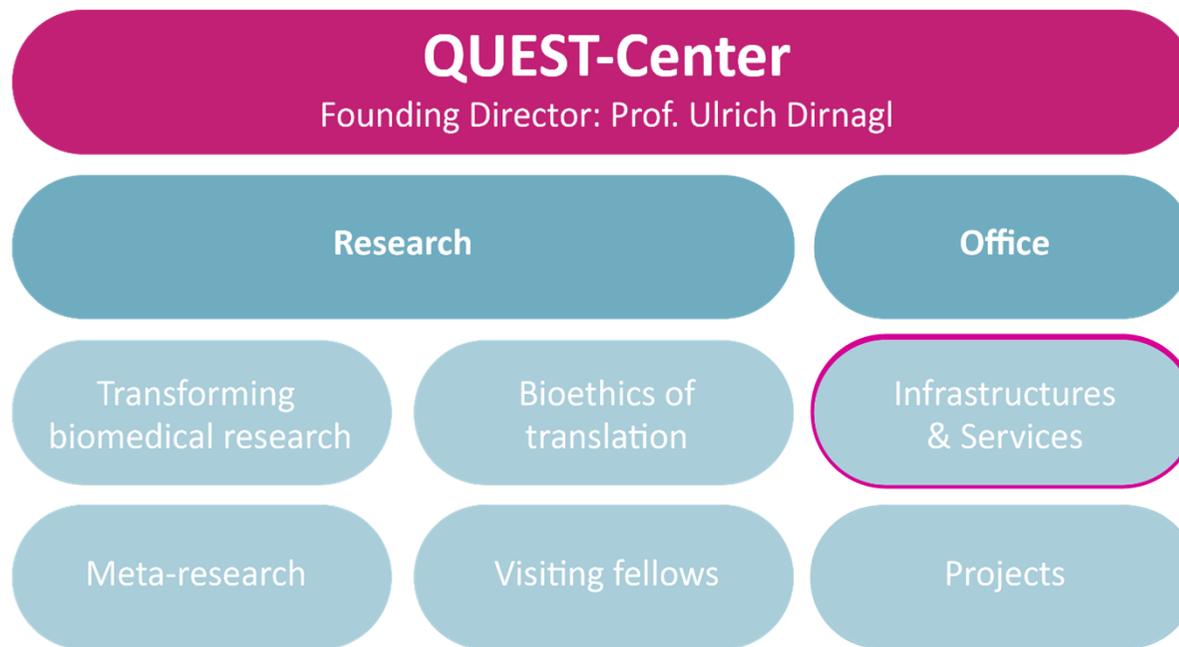
who we are and how we support responsible research

Activities and Services

Evgeny Bobrov, Project Leader Open Data & Research Data Management
at the BIH QUEST Center

10.5.2022

QUEST Structure



Main foci of QUEST



Education and Training

We develop and implement training and teaching resources on experimental and study design, methods to reduce bias, new modes of publishing, the digital footprint of academics, as well as open science.



Incentives and reward systems

We develop new incentive systems in research, e.g. by selecting appropriate novel indicators and metrics for the assessment of research performance of researchers and institutions.



Quality assurance

We promote compliance of preclinical as well as clinical research with standards and guidelines on design, conduct, analysis and reporting.



Open Science

We increase the accessibility and transparency of BIH research through Open Data and promote research data management.



Patient & Stakeholder Engagement

We develop, support and evaluate Patient and Stakeholder Engagement activities throughout the entire process of biomedical research.



Meta Research

We identify opportunities for improving research practice and obtain evidence for the impact of its activities through 'research on research'.

Quality assurance – PREMIER QM



Why manage quality What is PREMIER What PREMIER can d



Claudia Kurreck



Dr. René Bernard



The clickable PREMIER "House"

Policy Ethical Principles (GWP) - Mission - Aims - Visions		
Planning of Experiments Hypothesis, Sample Size Calculation, Pre-registration...		
Conducting Experiments SOPs, Generation of Data, Strategies for Reduction of Bias...		
Evaluation Statistics, Data-Analysis...		
Reporting Publication, Repositories...		
Communication and Dissemination Meetings, Wiki, QM AGs, Education, Methods, Concepts		Documentation / Data Storage and Archiving
Education / Training	Error Management	Legal Requirements / Guidelines GSP, 3Rs
Laboratory Organization Introductions, Chemicals, Samples, Equipment...		
Quality Assurance Audits, Evaluation, Key Performance Indicators, Accompanying Research...		

Laboratory Critical Incident Reporting (LabCIRS)



Claudia Kurreck Ingo Przesdzing



COMMUNITY PAGE

A Laboratory Critical Incident and Error Reporting System for Experimental Biomedicine

Ulrich Dirnagl^{1,2,3,4,5*}, Ingo Przesdzing¹, Claudia Kurreck¹, Sebastian Major¹

¹ Department of Experimental Neurology and Center for Stroke Research Berlin (CSB), Charité Universitätsmedizin Berlin, Berlin, Germany, ² German Center for Neurodegenerative Diseases (DZNE), Berlin, Germany, ³ German Center for Cardiovascular Diseases (DZHK), Berlin, Germany, ⁴ Excellence Cluster NeuroCure, Berlin, Germany, ⁵ Berlin Institute of Health, Berlin, Germany

Development of a mature error culture...

[PLOS Biol.](https://doi.org/10.1371/journal.pbio.2000705) 2016;14:e2000705. doi: 10.1371/journal.pbio.2000705.

Electronic Laboratory Notebook (eLN)

F1000Research

F1000Research 2016, 5:2 Last updated: 25 JUL 2016



OPINION ARTICLE

A pocket guide to electronic laboratory notebooks in the academic life sciences [version 1; referees: 4 approved]

Ulrich Dirnagl¹⁻⁵, Ingo Przesdzing¹

[F1000Research 2016, 5:2](#) (doi: [10.12688/f1000research.7628.1](https://doi.org/10.12688/f1000research.7628.1))

labfolder

FEATURES GUIDE



Welcome to the labfolder registration for research groups within the BIH

leaders and group members acting on behalf of group leaders belonging to Charité and (perspectively) MDC can register for a labfolder account at the BIH. Please note: group members can be added to the labfolder group after the mandatory group creation webinar is completed and do not have to register here.

Individual group member (I am a group member) can register to receive additional information. However, to comply with data safeguarding guidelines at the BIH, no labfolder account will be created.



Ingo Przesdzing



- Onboarding
- Training
- Support
- **> 2000 registered users at Charité/MDC**
- Evaluation

Education

OVERVIEW ON REPEATING COURSE PROGRAM



- ✓ Advanced Reproducible Research with R
- ✓ Fortbildungsinitiative Fakultät: Statistik
- ✓ Fortbildungsinitiative Fakultät: Qualitätssicherung
- ✓ Introduction to Reproducible Research with R
- ✓ Introduction to electronic labbooks
- ✓ Open Data Workshop
- ✓ Presentation of QUEST activities to research groups
- ✓ QUEST criteria information
- ✓ Statistical Literacy for Everyday Clinical Practice
- ✓ PhD course on best practice in preclinical animal research models to improve translation from bench to bedside.



Dr. Ulf
Tölch

OXFORD | BERLIN

OXFORD | BERLIN SUMMER SCHOOL ON OPEN RESEARCH 2020

2020/09/28

Will be conducted *ONLINE!*

Background

Transparency and reproducibility of research methods and results are important hallmarks of high-quality research in areas from biomedical to social and physical sciences. In the last few years, many novel, often web-based tools



**Berlin University
Alliance**

Venue

Charité Responsible Metrics Dashboard



Dr. Nico Riedel

Charité Metrics Dashboard

This dashboard gives an overview over several metrics of open and responsible research at the Charité. For more detailed information on the methods used to calculate those metrics, for the dataset underlying the metrics, or for resources to improve your own research practices click one of the following buttons.

This dashboard is a pilot that is still under development. More metrics will be added in the future.

- [See methods](#)
- [See resources](#)
- [See dataset](#)

Open Science

Show absolute numbers Zoom in



Charité Responsible Metrics Dashboard – FAIR data



Dr. Jan Taubitz

Data Reusability (FAIR data)

Good data management is a key factor in generating, reproducing, and reusing scientific knowledge. The FAIR principles provide guidance to increase the findability, accessibility, interoperability, and reusability of research data objects. As a result of the increase in volume, complexity, and creation speed of data the FAIR principles emphasize the machine-actionability of data reuse.

The FAIR data metrics in this dashboard indicate how well research data objects shared by Charité researchers and the repositories used to deposit them conform with the FAIR principles.

It is important that the FAIR metrics are not to be understood as evaluations, but rather as assistance. This is true at the repository level and even more so at the publication level. Individual researchers have limited influence on the FAIRness of research data objects, which is primarily determined by the data repositories.

Click for colorblind-friendly charts

FAIR assessment

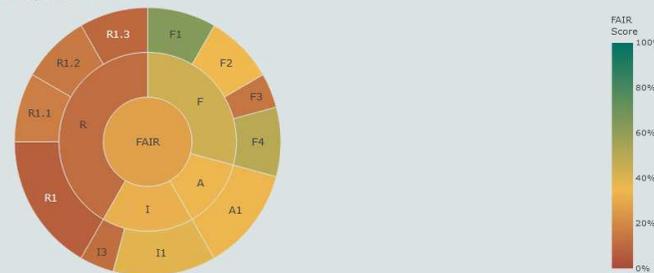
Select repository type or repository

All repositories

FAIR assessment by F-UJI

27 %

is the average FAIR score of research data objects in all repositories



n = 299
Click on chart to see corresponding metrics
Size of wedges correspond to the weight of the FAIR assessment sections

Open Science: QUEST Toolbox - Fiddle

Where and how to publish null / neutral results



Dr. Nico Riedel Dr. René Bernard

This "match-making" tool helps you to identify alternate ways of publishing information from well-designed experiments that is often difficult to publish in traditional journals (i.e. null or neutral results, datasets, etc.). Choose the criteria that are most relevant to you, or choose the scenario that best reflects your situation. The tool will highlight the most suitable options. Check out our explainer video [here](#).

Options

Choose the criteria that are most important to you.

I have a

- unanalyzed dataset
- stand-alone finding or results from a small study
- results from a full-scale study
- rejected manuscript

Money I have to cover publication cost

- 0
- up to 1000 EUR/1100 US\$
- up to 2000 EUR/2200 US\$

I want the outcome to be indexed in

- Pubmed
- Pubmed Central
- Web of Science
- Scopus
- CrossRef
- Google scholar

I want my outcome to be peer-reviewed

- any
- yes
- no

I want my publication or dataset to appear immediately

- yes
- no

If these options aren't helpful, try our list of scenarios instead:

[Go to scenarios](#)

	Data Repository	Micropublication	Preprint publication	Data journals	Publishing platform	Journal open to null results
Description	Platforms that allow upload of research datasets to make them citable and reusable.	Designed for unpublished observations, negative/neutral results that do not require a narrative story.	Platforms for unpublished research manuscripts that allow others to immediately view the manuscript.	Journal article that focuses on presenting a dataset with metadata and the methods used to acquire the dataset.	Articles are published without editorial filtering; peer-review happens after (immediate) publication of the article.	Traditional journals that also publish null results.
Providers	Zenodo , FigShare or Dryad ; use rs3Data to search for disciplinary repositories	ScienceMatters ; BMC Research Notes	bioRxiv ; medRxiv ; psf.io	Scientific Data , Data , Data in Brief , PLOS Data Note , many disciplinary journals (e.g. DataScience)	F1000Research , Open Research Central	PeerJ , PLOS One , multiple BMC Journals and many other disciplinary journals
Effort	low effort	low effort	medium effort	some effort to prepare manuscript/data	some effort to prepare manuscript/data	some effort to prepare manuscript/data
Costs in EUR	free of charge	600 - 1300 €	free of charge	up to 1500€	up to 1000€	up to 1600€
Costs in US\$	free of charge	670 - 1440 \$	free of charge	up to 1670\$	up to 1100\$	up to 1780\$
Time to publication	immediate	typically 1-3 months	immediate	typically 1-4 months	immediate	typically 1-6 months
Recognition	citations of the dataset	citations of article, article can be listed in CV (future handling of such articles is open)	citations of article, article can be listed in CV (not universally accepted at this point)	citations of article, article can be listed in CV	citations of article, article can be listed in CV (not universally accepted at this point)	citations of article, article can be listed in CV
Publishing venue can have Impact Factor	no	yes	no	yes	no	yes
Peer-review	no	peer-review	post-publication review possible	peer-review	peer-review	peer-review
DOI	yes	yes	yes	yes	yes	yes
Versioning	yes	no	yes	yes	yes	no
Indexing:						
Pubmed	no	no	no	yes	yes	yes
Pubmed Central	no	some	no	some	yes	yes
Web of Science	no	some	no	most	no	yes
Scopus	no	some	no	some	no	yes
CrossRef	no	some	yes	some	yes	yes
Google Scholar	no	yes	yes	yes	yes	yes
Additional information		reviews, compensation, often only one reviewer	reviews, compensation, often only one reviewer	reviews, compensation, often only one reviewer	reviews, compensation, often only one reviewer	reviews, compensation, often only one reviewer

<http://s-quest.bihealth.org/fiddle/>

Open Data LOM (performance-oriented funding)



Dr. Miriam Kip



Semi-automated detection of articles with Open Data
(article screening + manual check)

→ Reward of ca. 1000 € performance-oriented funding for
first/last author

As of 2020, ca. 7% Open Data for Charité publication
record

QUEST awards



**The QUEST 1,000 € Patient & Stakeholder
Engagement Award**

*Foster the involvement of patients and other
stakeholders in the research process!*

The QUEST 1,000 € Open Data Reuse Award
Make use of Open Data!

The QUEST 1,000 € Preregistration Award
*Preregister your preclinical studies challenge – Increase the
credibility of your results and get early credit for your ideas!*



**The QUEST 1,000 € NULL Results And Replication
Study Award**

*Publish your NULL results – Fight the negative
publication bias!*

*Publish your Replication Study – Fight the replication
crises!*

,QUEST' Criteria



Dr. Miriam Kip

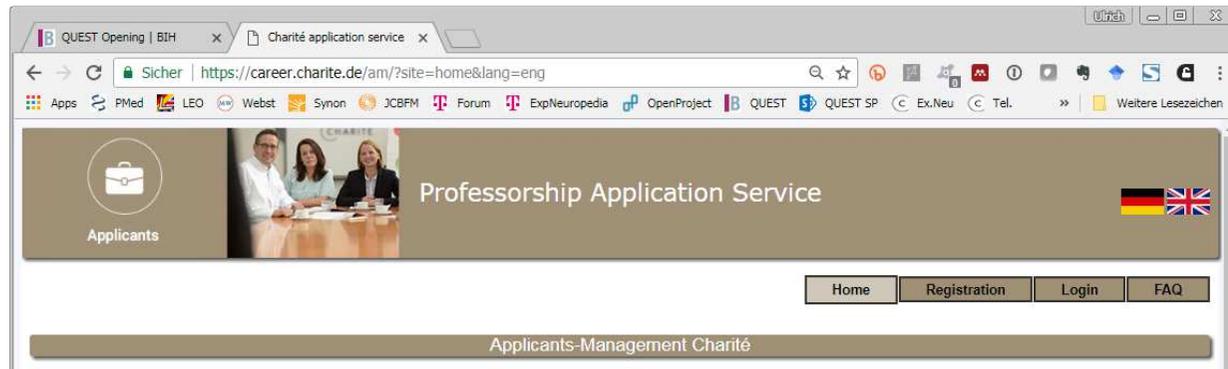


- Priority setting / Scientific Premise
- Strategies for establishing scientific rigor
- Transparency and dissemination of results
- Stakeholder engagement (where applicable)

Professorship Application Service Portal



Dr. Miriam Kip



“The Charité attaches great importance to transparent, replicable research and supports the objectives of Open Science (Open Access, Open Data). This includes the registration of studies in registries (clinicaltrials.gov, DRKS, etc.), the preregistration of studies, and the publication of negative and zero results. **How have you been pursuing these goals so far and what are your plans for the future?**”

Patient & Stakeholder Engagement



Dr. Sarah Weschke



Patient-led research #WeAreNotWaiting: „Do-it-Yourself Artificial Pancreas“-Systems



Trainings:

- Digital research workshop „Patient & Stakeholder Engagement @Charité“
- Implementation of a national Training Programm

Goals:

- **PSE as ‚natural‘ element of the research process**
- **QUEST PSE connects researchers and patients**

Meta-research



META-RESEARCH ARTICLE

Where Have All the Rodents Gone? The Effects of Attrition in Experimental Research on Cancer and Stroke

Constance Holman¹, Sophie K. Piper^{2,3}, Ulrike Grittner^{3,4}, Andreas Antonios Diamantaras¹, Jonathan Kimmelman⁵, Bob Siegerink³, Ulrich Dirnagl^{2,3,6,7,8*}



PERSPECTIVE

Exact replication: Foundation of science or game of chance?

Sophie K. Piper^{1,2}, Ulrike Grittner^{1,2}, Andre Rex^{3,4}, Nico Riedel⁵, Felix Fischer⁶, Robert Nadon^{6,7,8}, Bob Siegerink⁹, Ulrich Dirnagl^{3,5,9,10,11*}

ALTEX preprint
published April 18, 2019
doi:10.14573/altex.1812231

Research Article

Refining Humane Endpoints in Mouse Models of Disease by Systematic Review and Machine Learning-Based Endpoint Definition

Jie Mei¹, Stefanie Banneke², Janet Lips^{1,3,4}, Melanie T. C. Kuffner^{1,4,5}, Christian J. Hoffmann^{1,4,6}, Ulrich Dirnagl^{1,3,4,7,8}, Matthias Endres^{1,4,6,7,8}, Christoph Harms^{1,3,4,6} and Julius V. Emmerich^{1,2,6*}

RESEARCH

Open Access



Do German university medical centres promote robust and transparent research? A cross-sectional study of institutional policies

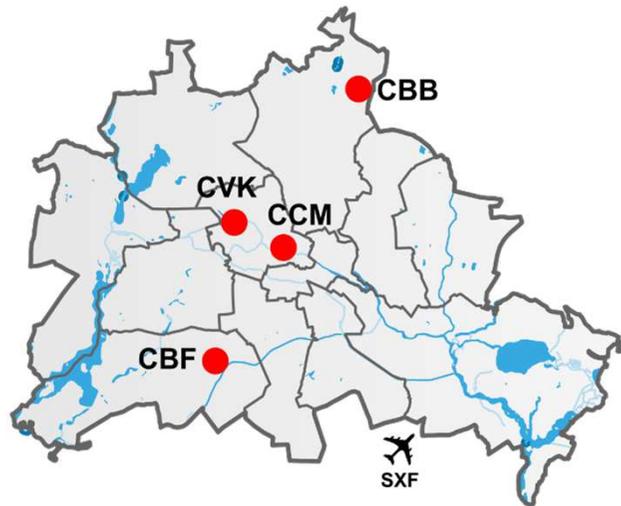
M. R. Holst^{1,2*}, A. Faust^{1,2} and D. Strech^{1,2}

RESEARCH ARTICLE

Elektronische Laborbücher in der Praxis: Folgen und Nutzen digitaler Forschungsdokumentation

Christiane Wetzel^{*1}, Ina Frenzel¹, Daniela Schirmer², Philipp Pohlenz²

„QUEST Pitches“



You are from the Charité/BIH?

We would like to visit YOUR team!

Presentations on the QUEST foci of your choice

your format, your duration, your location (or online)

So far approx. 40 visits – a lot of helpful exchange for us – and hopefully everybody!

www.bihealth.org/de/quest



QUEST Center for Responsible Research

The BIH QUEST Center develops and implements new approaches to ensure the trustworthiness, usefulness, and ethics of biomedical research.

[Read more](#)



@questbih

Thank you for your interest!

QUEST Seminar on Responsible Research

Contact

quest-seminar@charite.de

General requests: quest@bih-charite.de

www.bihealth.org/de/quest

Scientific coordination

Lorena Martínez G. and Meggie Danziger

BIH QUEST
Center for Responsible Research

BIH Berlin Institute
of Health
@Charité