

QUEST CENTER

Transforming Biomedical Research
Berlin Institute of Health

Quality | Ethics | Open Science | Translation

QUEST strives to increase the value of biomedical research at BIH and beyond.

About Us

The **QUEST Center** is an innovation driver at Berlin Institute of Health. Consisting of several research groups, visiting fellows and an office, the QUEST Center follows the approaches mentioned below.

Our Mission

To overcome the roadblocks in translational medicine: Increasing the value and impact of biomedical research by maximizing the quality, reproducibility, generalizability, and validity of BIH research.

To create an awareness of the need to rethink biomedical research and to initiate a culture change in academic biomedicine.

Our Approaches



EDUCATION

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.



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.



META RESEARCH

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



THINKTANK

We act as advisors to stakeholders in biomedicine from funders to politics.



STAKEHOLDER ENGAGEMENT

We implement and evaluate Patient and Stakeholder Engagement activities throughout the entire process of biomedical research.



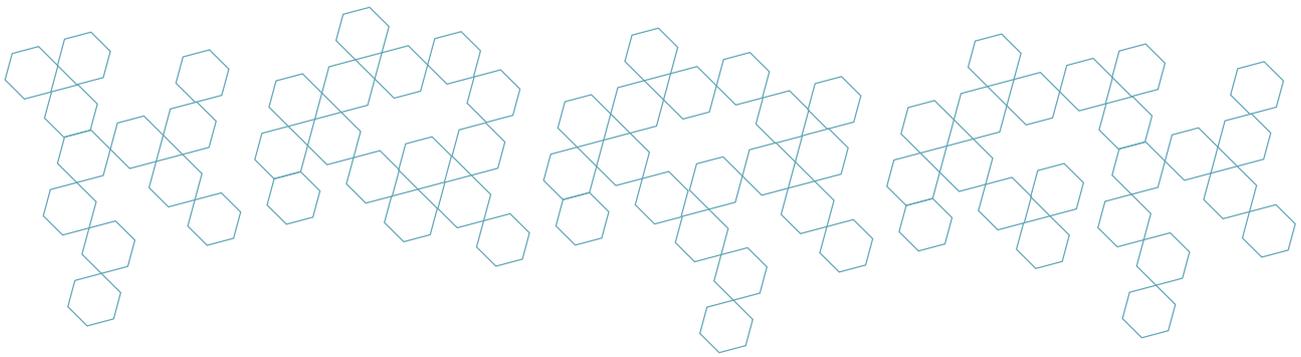
BIOETHICS

We develop evidence-based and practice-oriented recommendations on how ethical requirements for research with humans, animals and sensitive data can be best implemented.



INCENTIVES AND REWARDS

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.



Our Fields of Action (examples)

<p>Services</p>	<ul style="list-style-type: none"> ▶ Quality assurance ▶ Education ▶ Open Science ▶ Thinktank 	<p>Electronic lab notebook & QUEST Toolbox</p> <p>Training & teaching</p> <p>Consulting on Open Data & Research Data Management</p> <p>Counselling</p>
<p>Projects</p>	<ul style="list-style-type: none"> ▶ Quality assurance ▶ Meta Research ▶ Bioethics ▶ Incentives 	<p>Quality assurance in preclinical research</p> <p>Publication analyses & responsible metrics</p> <p>Trialtracking of clinical studies, Good Justification Practice</p> <p>Attributes of robust and innovative research, intramural calls & awards</p>



The QUEST Center includes the »**BIH Biomedical Innovation Academy (BIA)**«. The BIA offers the BIH Charité Clinician Scientist Program for clinicians to produce a new generation of scientists with translational training.

As of January 2019, the QUEST will host the »**Meta-Research Innovation Center Berlin (METRIC-Berlin)**«, the European »sister« of the Meta-Research Innovation Center at Stanford (METRICS). Headed by the Einstein BIH Visiting Fellow John P.A. Ioannidis, METRIC-Berlin aims at investigating the origin and the reliability, validity, accessibility and reproducibility of biomedical research (funded by the Einstein Foundation Berlin and the Stiftung Charité).



Contact

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Charité & Max Delbrück Center



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