

The mission of the Berlin Institute of Health (BIH) is medical translation: transferring biomedical research findings into novel approaches to personalized prediction, prevention, diagnostics and therapy and, conversely, using clinical observations to develop new research ideas. The aim is to deliver relevant medical benefits to patients and the population at large. The BIH is also committed to establishing a comprehensive translational ecosystem as translational research area at Charité – one that places emphasis on a system-wide understanding of health and disease and that promotes change in the biomedical research culture. The BIH is funded 90 percent by the Federal Ministry of Education and Research (BMBF) and 10 percent by the State of Berlin. The two founding institutions, Charité – Universitätsmedizin Berlin and Max Delbrück Center for Molecular Medicine in the Helmholtz Association (MDC), were independent member entities within the BIH until 2020. As of 2021, the BIH has been integrated into Charité as the so-called third pillar; the MDC is privileged partner of the BIH.

Beginning from 01.01.2023 we are looking for a

Postdoc in Genetic Engineering (f/m/d)

The main mission is to develop and apply gene editing strategies to correct disease-causing mutations in human epithelia. An early as possible start date is preferred. We are a young and enthusiastic group looking for people willing to contribute to our exciting research. The Hedtrich lab will be located in the just recently inaugurated research building Kaethe-Beutler-Haus on Berlin-Buch campus which is in close proximity to clinical departments, the MDC, and the FMP.

Job description:

The research project aims for developing topically applicable gene therapies for the treatment of monogenic diseases of human epithelia. We are looking for an enthusiastic scientist that will support the team with their expertise in genetic engineering. The focus will be on developing gene editing strategies using base or prime editing to rescue disease-causing mutations. This project is part of a SPARK program which has the goal to ultimately translate the findings from bench to bedside. Hence, interest in translational work at the forefront of science is a clear asset. The goal is to develop this project to a point where a company will be incorporated. Hence, people with scientific and entrepreneurial interests are encouraged to apply. Further, the establishment of an independent profile as well as tailored career-planning will be offered to the successful incumbent.

- If you have a foreign degree, please submit proof of the recognition of your degree in Germany with your application. The proof can be determined via the anabin database (<https://anabin.kmk.org/anabin.html>)

We offer:

- A varied job in a forward-looking research institute,
- A temporary full-time position (39 hours/week),
- Remuneration up to E13 TVöD VKA: The grouping takes into consideration the qualifications and the personal circumstances of the candidate
- Additional benefits customary in the public sector (including annual bonus, VBL),
- 30 vacation days per year (with a five-day week) and up to 24 floating days per year.
- Contract duration: until 31.12.2024 with possibility of extension
- Family - friendly, flexible working hours for better work-life balance

Requirements:

- Applicants should have a PhD in biomedical engineering, pharmaceutical sciences, biochemistry, or a related field with relevant experience.
- Applicants with expertise in gene editing and gene therapies will be preferred.
- Strong experience in biomolecular methods is required.
- Successful candidates will be expected to take the lead within this project, to publish manuscripts as a first author, and to present their data at conferences and lab meetings.
- The Hedtrich lab focuses on tackling and understanding inflammatory and genetic diseases of the skin and the lung. Research projects within the lab are highly interdisciplinary and routinely require intensive collaborations with groups from other disciplines.

We live diversity!!

BIH strongly encourages qualified women to apply. Applications from people with an immigrant background who meet the hiring requirements are expressly encouraged. Severely disabled applicants and those with equal status will be given preferential consideration in cases of equal suitability.

Please submit your application as a single pdf file, including a cover letter (max. 1 page) indicating your past, current, and future research interests, a possible start date, a curriculum vitae, a list of publications, names and contact information of up to three references via the BIH Career portal <https://jobs.bihealth.org> by **05.12.2022**, quoting the **reference number BIH-145.22**. We are looking forward to hear from you!

You can find more information about BIH and the department
at www.bihealth.org/en/