The mission of the Berlin Institute of Health at Charité (BIH) is medical translation: transferring biomedical research findings into novel approaches to personalized prediction, prevention, diagnostics and therapies 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 was founded in 2013 and is funded 90 percent by the Federal Ministry of Education and Research (BMBF) and 10 percent by the State of Berlin. Since 2021 the BIH has been integrated into Charité as its so-called third pillar.

We are looking for the workgroup of Prof. Dr. Georg Duda from the 01.04.2024 temporary for a

Research assistant in the field of stereolithographic 3D bioprinting and GMP process development (f/m/d)

As part of the BMBF-funded “3DBioBreast” project, we are looking for a research assistant with a doctorate to start as soon as possible. The aim of the project is - together with our industrial partner - to develop a tissue bioprinting system. Starting with the development of the extraction of the cellular component (liposuctate), the variation of the starting material is to be minimised and the manufacturing process is to be developed up to a manufacturing authorisation for the bioprint.

Your work area:

- Development of analytics to characterise the starting materials and the 3D bioprinted breast fat tissue
- Creation of preclinical quality criteria for starting materials and finished 3D bio-printed breast fat tissue
- Development of a concept for a GMP-like production process for 3D bioprinted breast fat tissue
- Collaboration and communication with the project partners from industry and academia involved in the consortium
- Presentation of the project at international conferences and preparation of scientific publications

What you bring with:

- Scientific university degree (Master's or comparable) in the field of biological engineering, biotechnology, biochemistry or a related field
- Completed doctorate, initial publication experience
- Experience in the field of cell culture of cell lines or primary cells, preferably in 3D cell culture and their analyses
- Experience in 3D bioprinting desirable, especially in light-based processes- Experience in GMP and GMP process development desirable
- Excellent written and spoken English skills
- Good teamwork skills and the ability to work effectively with collaboration partners from different areas
- Various support services to help you combine work and family life (childcare, voio)
- 30 vacation days per year (with a five-day week)
- Very good training and further education opportunities
- Mobile citizens' office on site
- Additional benefits customary in the public sector (e.g. annual bonus, company pension scheme (VBL))
- Very easily accessible and attractive workplace in the location name, Föhrer Straße 15 Campus CVK, 13353, Berlin

We live diversity!

BIH strongly encourages qualified women to apply. Applicants with severe disabilities and those of equal status will be given preferential consideration in the event of equal suitability.

Please submit your application via the BIH career portal https://jobs.bihealth.org by 15.03.2024, quoting the reference number BIH-15.24.

Note: If you have a foreign university degree, please note that it may be necessary to obtain a certificate from the ZAB. You can find more information at: https://www.kmk.org/zab/central-office-for-foreign-education.html

For those born after 1970, proof of measles immunity / measles vaccination is required.

For technical queries regarding the job advertisement, please contact Mr. Prof. Dr. Georg Duda (mail: Georg.duda@charite.de).

For more information on BIH, please visit www.bi-health.org