

## External Job Advertisement Reg. No. 7-012/26-H

At Martin Luther University Halle-Wittenberg, Faculty of Medicine, Junior Research Group "(Bio) Medical Data Science," a position is available as of April 1, 2026, for an initial term of three years as an

### Research Associate in the field of Data Science (m-w-d)

on a part-time basis (80%).

Remuneration is based on the assigned tasks and fulfillment of personal requirements, up to pay grade 13 TV-L.

The position supports five clinician scientists in data projects from conception to publication and qualifies them in bioinformatics and data science. It is anchored in the "(Bio-)Medical Data Science" working group in the scientific part of the DIZ at UMH and works closely with clinics and institutes. CARTESIAN combines medicine and data science with a focus on cancer and aging diseases, structured training, mentoring, and data access via academic and industrial partners.

#### Job Responsibilities:

- Training clinical scientists (CS) in the fields of (bio)informatics and data science, specifically in the handling and analysis of large amounts of data and approaches to machine learning/artificial intelligence.
- Familiarization with the individual research areas of the CS, their respective data types, and the necessary analysis methods. Subsequently, support and empowerment of the CS to apply these independently and publish their findings.
- Interaction and exchange of experience with the position of Research Data Management Officer at the Faculty of Medicine, which is currently being filled, in order to further train the CS in this area as well.
- Establishment and maintenance of analysis environments to support data analysis according to FAIR principles and for use in research and teaching.
- Teaching duties in accordance with LVVO LSA
- Opportunity to obtain your own scientific qualification

#### Requirements:

- Completed scientific university degree (diploma, master's) in the field of STEM subjects, i.e., in particular bioinformatics, medicine, or comparable courses of study, as well as a relevant completed doctorate.
- In-depth knowledge of bioinformatics in the field of pipelines for analyzing genome and proteome data (advantageous: additional single cell analyses and AI applications)
- Technical experience with setting up corresponding pipelines on a Linux basis
- High problem-solving skills, especially with regard to the diverse requirements of various medically demanding research projects
- Very good analytical and organizational skills
- You are adept at communicating and collaborating effectively in an interdisciplinary team (doctors, health scientists, administrative staff at Halle University Hospital and external institutes and companies).
- Language skills: German (at least C1), English (at least B2)
- Publications and experience as a postdoc in order to be able to support clinician scientists at a high scientific level with their publications (desirable)
- Experience with educational offerings and appropriate technical solutions, such as Jupyter Notebooks in the field of (bio)informatics for beginners (desirable)

- Experience in (research) data management (desirable)

Applications from disabled persons, including those of equal status (as certified by the *Bundesagentur für Arbeit* / Federal Employment Agency), will be given preferential consideration if they are equally suitable and qualified. Women are strongly encouraged to apply. Applications from individuals of all nationalities are explicitly welcome. Applicants with a degree that was not obtained at a German university must submit a Statement of Comparability for Foreign Higher Education Qualifications from the Central Office for Foreign Education (ZAB) (<https://www.kmk.org/zab/central-office-for-foreign-education>) as proof of equivalence upon conclusion of the employment contract. You can find ways to apply for a financial grant for this under: <https://www.erkennung-in-deutschland.de/html/de/pro/erkennungszuschuss.php#>.

If you have any questions, please contact Jun.-Prof. Dr. Jan Christoph, Tel.: 0345 557 4463, Email: [jan.christoph@uk-halle.de](mailto:jan.christoph@uk-halle.de).

Please send your application, quoting ref. no. 7-012/26-H, with the usual documents by 11/03/2026 to Martin Luther University Halle-Wittenberg, Faculty of Medicine, Mr. Jun.-Prof. Dr. Jan Christoph and Prof. Dr. Michael Heuser, 06097 Halle (Saale), Germany, or by email to: [jan.christoph@uk-halle.de](mailto:jan.christoph@uk-halle.de) and [innere4@uk-halle.de](mailto:innere4@uk-halle.de).

The advertisement is subject to possible budgetary restrictions.

Application costs will not be reimbursed by Martin Luther University. Application documents will only be returned if a sufficiently stamped envelope is enclosed. Electronic