The University Hospital Bonn (UKB) is a maximum care hospital with more than 1,300 beds. Our more than 9,000 employees take on tasks in research, teaching and patient care as well as in public health at the highest level. In the science ranking (LOMV) and in the economic result, the UKB is number 1 of the university hospitals in NRW and in 2021 had the third highest case mix index of the university hospitals in Germany.

The following **full-time position (38.5 hours/week)** is to be filled as soon as possible in the **Department of Old Age Psychiatry and Cognitive Disorders** of the University Hospital Bonn:

Postdoctoral fellow (m/f/d)

The position is initially limited to May 31, 2027 due to the project duration.

We are seeking a highly motivated postdoctoral fellow to conduct research on the influence of Alzheimer's disease and aging on changes in cognitive functions in humans. The project combines cutting-edge technologies from genetics, proteomics and statistical modeling to understand the interplay of neurodegenerative diseases and aging, improve the early detection of affected individuals, and identify novel drug targets.

Part of the work will be conducted within the international, European Union-funded ADpriOMICS consortium, which consists of renowned experts in the field of genetics, epidemiology and neuroinflammation, offering a competitive and thriving environment. At the University Hospital Bonn, the position will be affiliated with a newly established junior research group focusing on early detection of Alzheimer's disease using multiple layers of omics data and statistical modeling of longitudinal cognitive data. Within this group led by Dr. Luca Kleineidam, the applicant will work on challenging and rewarding projects in a friendly and supportive team.

Your tasks:

- Conduct and development of statistical analysis of genetic, proteomic data and their links to neuropsychological phenotypes
- Interpretation and interdisciplinary discussion of research results
- Design and implementation of own research ideas to improve early detection of neurodegenerative diseases and the understanding of their interplay with aging
- Presentation of analysis results, including scientific conferences
- Drafting and revising manuscripts
- Preparation of grant applications
- Providing guidance to junior researchers

Your profile:

- A PhD degree (or comparable) and a strong background in biostatistics, epidemiology, biology, medicine, or similar disciplines
- Graduate students expecting to receive their PhD within six months can also apply
- Experience in the advanced analysis of genetic or proteomic data
- Interest in learning methods to statistical analyze longitudinal cognitive data
- Experience with the preparation of scientific publications
- Result-oriented and independent approach to work
- High communication skills and good command of English

We offer:

- **Responsible and versatile:** a job with a lot of creative freedom in a collegial team
- **Secure in the future:** fee according to German wage agreement (TV-L EG13)
- **Flexible for families:** flexible working time models, the option of a place in the company day-care center and offers for those returning from parental leave
- **Provision for later:** company pension scheme
- **Clever to work:** Possibility of an interest-free loan to buy an e-bike
- **Tailor-made education:** Subsidized further education and training
- **Systematic start:** Structured induction
- **Healthy at work:** Numerous health promotion offers, free membership in UKBfit
- **Employer benefits:** preferential offers for employees (corporate benefits)

We are committed to diversity and equal opportunities. Our goal is to increase the proportion of women in areas where women are underrepresented and to particularly promote their careers. We therefore urge relevantly qualified women to apply. Applications are treated in accordance with the State Equal Opportunities Act. Applications from suitable people with proven severe disabilities and those of equal status are particularly welcome.

How to apply:

Do you meet our requirements and are you looking for a varied and challenging job? Do not hesitate to send your detailed application (preferably by e-mail in one file up to 5 MB in size) by 04.06.2025, stating the job advertisement number. ST-20030 to:

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