



Within the area of Population Health Sciences at the German Center for Neurodegenerative Diseases (DZNE) in **Bonn**, we are looking for an

## Experienced Researcher in Population Neuroimaging

To further strengthen our team, we aim to appoint a highly qualified scientist with strong experience in population imaging. The position is initially limited to two years with the possibility of tenure track extension.

**Your profile:** Candidates should have a PhD in medicine (radiology), physics, epidemiology, applied statistics, cognitive neuroscience or other relevant discipline. Experience with large scale brain imaging data and very good epidemiological knowledge is a prerequisite. For further requirements, please visit our web page or contact us via email through the address stated below.

**Your tasks:** You are expected to take a leading role in the further development of our research efforts in this area. Responsibilities include but are not limited to: supervision of data acquisition and processing; analysis of data and preparation of manuscripts for publication in peer-reviewed journals; supervision of graduate students; maintaining contact with our internal and external academic partners; preparation of grant applications, development of own research focus. Additionally, we expect you to actively contribute to the general conduct and further development of the Rhineland Study.

**About us:** We study determinants and biomarkers of normal and pathological mental and physical health function over the adult life course, with a special emphasis on neurodegenerative diseases and ageing. The research is led by **Prof. Monique M.B. Breteler** and is primarily based on data from the Rhineland Study. This prospective population-based cohort study will include more than 20,000 people aged 30 years and over, run for decades, and emphasizes brain-related outcomes.

Core data collection includes an advanced 1h, high resolution MRI protocol at each examination with extensive structural and functional brain imaging, cognitive and behavioral assessments, cardiovascular investigations, sensory systems assessments, questions on medical history, medication intake, life style, nutrition and mental health, collection of biomaterials, and wide-ranging omics analyses. Data from thousands of participants is readily available. We work with an interdisciplinary team of image analyzers, IT experts and other data scientists to build the relevant image analysis pipelines and perform feature extraction and data analysis.

**We offer** interesting and challenging work in a highly interdisciplinary and international scientific environment. Common language at work is English. We actively encourage and support our employees' personal development and growth. Employment, payment and social benefits are determined by the Public Sector Collective Agreement (TVöD-Bund).

If interested, please send your application, including a motivation letter, a CV, transcripts, and two letters of recommendation or references, as a single PDF-file. Review of applications will begin immediately and continue until the position is filled.



**web:** [www.dzne.de/en/jobs](http://www.dzne.de/en/jobs)  
**job ID:** 1716/2019/12  
**contact:** [population-research@dzne.de](mailto:population-research@dzne.de)