



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 Immunology and Aging

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

Your profile: Candidates should have a PhD in immunology, epidemiology, medicine, computational biology or other relevant discipline, and experience in the field of complex disease research. Working experience in epidemiological research or large-scale observational studies as well as experience in clinical immunology is highly desirable. For further requirements, please visit our web page or contact us via email through the address stated below.

Your tasks: You are expected to lead and further develop our research efforts in this area. Responsibilities include but are not limited to: supervision of data acquisition (immunophenotyping, immune activation, cytokine & transcriptome analysis); 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 to strengthen line of research and to develop 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. An important focus is on interactions and mutual dependencies between mechanisms involved in immunology and inflammation, aging and metabolic programming, and the central nervous system. 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 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, and extensive collection of biomaterials.

We offer interesting and challenging work on the forefront of health research in a highly interdisciplinary and international team. Common language at work is English. Participation in the Bonn-based Cluster of Excellence "Immunosensation2" as well as several international consortia. Great opportunities for groundbreaking research collaborations. 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.

