Position | Postdoctoral Researcher Climate Change & Health
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Arbeitgeber/Employer | Deutsches Zentrum für Neurodegenerative Erkrankungen (DZNE) e.V.
Arbeitsort/Location | Bonn
Gehalt bzw. Gehaltsstufe/Salary scale | According to TVöD Bund
Arbeitszeit/Hours | 39h
Vertragsdauer/Contract type | 2 years, extension possible
Bewerbungsfrist/Application deadline | January 15th, 2020
Kontaktperson/Contact person | Dr. Antonio Schmandke
| eMail: population-research@dzne.de
Weitere Bewerbungsinformationen/Information for applicants | 
**Your tasks:**
Using extensive existing data on physiologic parameters (incl. metabolomic data; lipidomic data; serum virus antibody titers; microbiome data; cytokine profiles), you will derive biomarkers, physiological patterns & mechanistic pathways that are influenced by ambient temperatures and humidity. Next, you will evaluate the potential health impact of those biomarker profiles & pathways by investigating their relationship with health phenotypes, in particular structural & functional markers of brain health (brain MR data, cognition data). You will analyze the data and prepare manuscripts for publication in peer-reviewed journals and maintain contact with our external collaborators. Besides, we expect you to engage in and actively contribute to overall activities related to the conduct and further general development of the Rhineland Study.

**Requirements:**
Candidates preferably have a PhD in epidemiology, medicine, applied statistics, computational biology or other relevant discipline, and
experience in the field of high-dimensional data analysis. Demonstrated interest in quantitative research, strong analytical skills, ability for independent and critical thinking, and excellent communication and writing skills in the English language are a prerequisite. Working experience in epidemiological research or large-scale observational studies is desirable. A track record of publishing high quality scientific papers is a sine qua non.

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