

The Helmholtz Centre for Infection Research (HZI), a member of the Helmholtz Association of German Research Centers, and Hannover Medical School (MHH) invite applications for a

Full professorship of Infection Epidemiology (W3) BesGr. W3 NBesO (successor to Prof. Dr. med. Gérard Krause)

at the earliest possible date.

At HZI, Germany's largest research institution for infectious diseases, researchers address the global challenges caused by infectious diseases within a focused translational research programme. At MHH, research on infection and immunity constitutes one of four strategic pillars. As part of their long-standing strategic partnership, HZI and MHH established internationally visible joint research institutes such as the Centre for Experimental and Clinical Infection Research (TWINCORE) and the Centre for Individualised Infection Medicine (CiIM).

The Department of Epidemiology at HZI covers research on the causes, distribution, spread and control of infectious diseases on population level. It is dedicated to play important roles in the development of preventive measures, early detection systems and tailored and evidence-based non-pharmaceutical interventions for infectious diseases in populations at the local, regional, national and international level.

Special emphasis is placed on large population-based cohort studies, e.g. the NAKO health study or adaptive population cohorts like the MuSPAD cohort (<https://hzi-c19-antikoerperstudie.de>, <https://nako.de>). The Department of Epidemiology is also leading national modelling consortia (e.g. <https://respinow.de>), it is well integrated into the national network of modelling consortia MONID (<https://webszh.uk-halle.de/monid/>) and coordinates the translational infrastructure (TI) "Bioresources, Biodata and Digital Health" within the German Centre for Infection Research (DZIF). The department is responsible for the Research Focus Digital and Global Health at HZI and is involved in international consortia related to infection epidemiology and One Health surveillance. To train the next generation of scientists, the department also coordinates the PhD Programme Epidemiology at MHH.

The candidate should have the ability to employ state-of-the-art methods of infectious disease epidemiology, including artificial intelligence, evidence synthesis and population studies.

Essential qualifications for the applicant:

- Expertise in data-driven and computational clinical research and epidemiology.
- An outstanding publication record in relevant peer-reviewed journals.
- Extensive experience conducting large population cohort studies and clinical epidemiological studies in infectious disease research.
- A proven track record of securing research grants from German and international funding agencies.
- Active involvement in developing and writing evidence-based guidelines and recommendations for national and international organizations.
- Expertise in dynamic modeling, machine learning, and other innovative epidemiological research techniques.
- Proven teaching skills and experience in instructing life science and medical students.
- Strong leadership qualities and a team-oriented, family-friendly and cooperative leadership style.
- Fluent in both English and German, with excellent written and oral communication skills in English.

Key responsibilities of the department head:

- Serve as the Speaker of Research Focus Digital and Global Health at the Helmholtz Centre for Infection Research (HZI).
- Lead the PhD programme in Epidemiology based in Braunschweig and Hannover.
- Coordinate the German National Cohort Study (NAKO) at the Clinical Research Center (CRC) in Hannover.

Prerequisites for the appointment:

- Hold a formal qualification in epidemiology, such as an MSc and/or PhD.
- Possess a medical degree, a degree in life sciences or a degree in computational sciences.
- Have achieved the Venia legendi (Habilitation) or demonstrated equivalent academic achievements.

Commitment is expected especially in the public health master programmes of the MHH, the PhD programs of the Hannover Biomedical Research School as well as the model programme in Medicine „Hannibal“. An integration into the excellence cluster "RESIST – Resolving Infection Susceptibility" is also expected from the successful candidate.

MHH is committed to increase the proportion of women and genderdiverse persons in science and strongly encourages appropriate candidates to apply. Severely disabled applicants will be given preference in case of equal suitability.

Applicants have to meet the conditions laid down by the university legislation in Lower Saxony, details of which are available upon request.

Applications in written and electronic form with a tabular curriculum vitae, copies of certificates, scientific and clinical accomplishments (1 page), complete documentation of teaching experience, presentation of a future research and teaching concept (up to three pages), a concept how to promote Equality-Diversity-Inclusion (EDI) principles (1 page) and a complete, structured list of references with a selection of the five most important publications are requested by 28 March 2024 to the

President of the Hannover Medical School,
Carl-Neuberg-Straße 1, D-30625 Hannover.

Applications via Email:
berufungsverfahren@mh-hannover.de

