



The Laboratory of Allergology and Immunology within the Department of Pediatric Pneumology, Allergology Neonatology headed by Prof. Dr. Gesine Hansen offers the position of a

### **Scientific head of research group**

#### **Job description:**

The scientific head of the research group of Prof. Hansen will operate at the interface between scientists, the technical staff, the scientific manager and the institute's director. The tasks include in particular the management of the scientific staff such as reviewing manuscripts, congress contributions and proposals. With her/his creative mind the scientific head develops new ideas for scientific projects and acquires third-party funding. She/he monitors and organizes the work of the technical staff, ensures that staff members comply with all laboratory rules and regulations, including health and safety policies, to guarantee the highest quality of results.

The scientific head of the research group will also work scientifically in the field of RSV research. As part of the Excellence Cluster RESIST ("Resolving Infection Susceptibility"), the German Center for Lung Research (DZL) and other national and international networks we aim to expand the understanding of the immunological mechanisms of RSV infection in very young children in order to develop new preventive and therapeutic approaches for this often life threatening infant infection. Analyses are performed *in vivo* in murine models and *in vitro* with biosamples of a clinical cohort of young children with severe RSV infection.

The laboratory is located in the modern Pediatric Research Center directly next to the Department of Pediatrics promoting translational research and hosts state of the art equipment for cellular, immunological research including biosafety level 1 to level 3 facilities. We use a wide range of molecular methodologies including but not limited to deep phenotyping of cells by FACS analysis, chipcytometry, single cell sequencing, transcriptomics, cytokine measurements and well established murine models.

#### **Your qualification:**

Candidates should have successfully completed a university degree in biology, medicine, or a related subject and should have acquired a PhD in immunology, virology or pneumology or a related field. The candidate should have at least 3 years of professional experience as a PostDoc in a scientific environment, in which experience as group leader would be advantageous. A scientific background in

the area of immunology, especially T, B and DC cell immunology or virology is a prerequisite. They should have very good oral and written language skills in German and English. She/he should have strong organizing, communication and presentation skills, and a solid background in typical immunological, molecular and cell biological methods.

Severely disabled applicants will be favored if they are equally qualified.

Starting date: as soon as possible

The contract will be for 2 years with the possibility for extension.

Salary: TVöD

Please send your application by referencing to job offer containing CV, motivation letter (up to one page), and two references to:

Hannover Medical School, Department of Pediatric Pneumology, Allergology and Neonatology, Prof. Gesine Hansen, Carl-Neuberg-Str. 1, 30625 Hannover, Germany or by e-mail:

[hansen.office@mh-hannover.de](mailto:hansen.office@mh-hannover.de)

For further information related to the position, please contact:

Prof. Dr. Gesine Hansen, Telephone: +49 511 532 9138 or by Email: [hansen.gesine@mh-hannover.de](mailto:hansen.gesine@mh-hannover.de)