

We are announcing a full-time  
**PostDoc (m/f/d)**  
for the **Research Group Clinical and Molecular Allergology**  
The position is offered for 20 months for the time being, starting at the 1<sup>st</sup> of May 2022

The Research Center Borstel is an internationally renowned research institute with about 400 employees, financed by the Federal Government and the State of Schleswig-Holstein. Our main task is research in the field of respiratory diseases. We operate both basic research infrastructures and a medical care center. We have one goal: to improve existing methods for the detection, prevention and treatment of lung diseases and to develop new, innovative diagnostics and therapeutic approaches.

#### YOUR TASKS

- Scientific supervision of an innovative research project (part of the joint project "German Lung Centre" (DZL), funded by the BMBF), which deals with the identification of potential biomarkers of allergy/asthma development and the factors of the concept of "trained immunity" in allergic diseases. Individual allergens will be used as "tools" in various cell systems or at mucosal interfaces to investigate sensitisation pathways in allergy, and to determine their contribution in the formation of an "innate immune memory". This is a basic research project in allergology and applied medical-diagnostic research. It offers extensive opportunities for networking with university/ non-university institutions and the industry.

#### YOUR SKILLS AND QUALIFICATIONS

- PhD in biology, biochemistry, human biology, immunology or comparable fields of study.
- In-depths knowledge of protein biochemistry.
- Knowledge of latest methods such as cell culture, transcriptomics and methylomics (lab experiments and analysis of sequencing data).
- Knowledge of cell biology, protein analytics and epigenetics is desired.
- Knowledge of the pathomechanisms of allergy and asthma (immunological focus) is desired.
- Motivation and flexibility in learning and applying new techniques.
- Strong willingness for interdisciplinary cooperation and ability to work in a team.
- Good command of written and spoken English and the ability to present scientific data transparently and competently.

#### OUR OFFER

- Interesting and challenging work in our team, in which biologists, pharmacists and physicians with proven expertise conduct translationally oriented basic allergology research.
- Your new workplace is located in one of the most beautiful suburban areas of Schleswig-Holstein near Hamburg.
- Personal atmosphere and support
- Payment according to TVöD-VKA incl. all benefits usually offered in the public sector
- Family-friendly working conditions and flexible working hours
- Childcare center and workplace health promotion

The FZB is certified for the "Beruf und Familie" audit and specifically promotes the compatibility of career and family. The under-represented gender is given special consideration while maintaining the same professional and personal aptitude. Severely handicapped persons with otherwise equal aptitude are also given preferential consideration. If you have any questions, please do not hesitate to contact **Prof. U. Jappe** on 0049-45371887406, or [ujappe@fz-borstel.de](mailto:ujappe@fz-borstel.de). Please send your application with the usual documents (without photo) exclusively by E-mail to our website [www.fz-borstel.de](http://www.fz-borstel.de).



For us, your age, gender and sexual identity, your world view, your ethnicity or a handicap are not important. We are solely interested in your knowledge and skills and your ability to work in a team. If attractive work content and a solution-oriented approach are more important to you than formalities, you are in the right place!