

We are announcing a full-time position as

## Postdoc (m/f/d)

Starting at next possible date from 1<sup>st</sup> of October 2023

The position is offered for 3 years with the option of extension.

The Research Center Borstel (RCB) is an internationally operating Lung Center within the Leibniz Association, financed by the Federal Government and the State of Schleswig-Holstein. Our central task is basic and translational research in the field of respiratory diseases. We operate extensive laboratory and research infrastructures. Academically, we are closely linked with neighboring universities (Lübeck, Kiel) and clinically with the University Hospital Schleswig-Holstein. Our goal is to improve existing methods for the detection, prevention and treatment of lung diseases and to develop new, innovative therapeutic approaches.

### JOB DESCRIPTION

- In your position as postdoc and deputy head of the research group "Biofunctional Molecules and Metabolites" you will independently plan and execute research projects on the isolation and structural characterization of bacterial metabolites relevant to lung diseases. To this end you will:
- Analyze data sets that you have obtained by liquid chromatography-mass spectrometry (LC-MS/MS) measurements.
- Establish a platform to compile mass spectrometric, structural (NMR) and functional (*in vitro*) data.
- Support the research group "Biofunctional Metabolites and Structures" with supervision of undergraduate and PhD students.
- Write grant proposal for extramural funding, and present research results at congresses and scientific journals.

### YOUR QUALIFICATION

- Doctoral degree in natural sciences such as chemistry, biology or comparable disciplines
- Excellent expertise in mass spectrometry
- You work independently responsibly and reliably
- You are flexible, committed and a team player
- You have very good computer as well as English and German (B2) skills
- Desirable knowledge and skills to be developed within the projects: Bioinformatics, statistics, integrative analyses

### OUR OFFER

- Your new workplace is located in a top class research center close to Hamburg
- Participation in a productive and active team
- 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 centre and workplace health promotion

The FZB is certified for the "berufundfamilie" 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. For more information about our certifications, please visit our homepage.

If you have any questions, please do not hesitate to contact Dr. Katarzyna Duda (kduda@fz-borstel.de). Please send your application with the usual documents (without photo) **up to 25. August 2023** 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!