We are announcing a full-time / part-time position as
PhD (m/f/d)

The position is offered for three years.

The Borstel Research Center (RCB), member of the German Centers for Lung Research (DZL) and Infection Research (DZIF), is an internationally renowned research institute with 550 employees, financed by the Federal Government and the State of Schleswig-Holstein. Our central task is research and patient care in the field of respiratory diseases. Our goal is to improve existing methods for the detection, prevention and treatment of lung diseases and to develop new, innovative therapeutic approaches.

The DFG Research Unit miTarget at the University of Kiel investigates the potential of the microbiome as a therapeutic target in inflammatory bowel disease (IBD). Within this project our research group „Early-life origins of chronic lung disease“ at the Research Center Borstel investigates the role of tobacco smoke-induced changes of the microbiome.

JOB DESCRIPTION

• You will investigate the dynamics and modulations of the microbiome in response to cigarette smoke in mice and characterize epithelial barrier functions. You will further perform microbiome transplantation studies using gnotobiotic mice.

YOUR QUALIFICATION

• Master/diploma degree in the areas of biology, biochemistry, chemistry or medicine
• Strong interest in translational lung and gut research
• Experimental experience in immunology, cell biology, and animal models
• The willingness to work with animal models
• Very good communication skills in English
• Excellent communication skills and ability to interact with the collaborators of the project and international partners

OUR OFFER

• The research program is supplemented by a structured qualification and cross-border supervisory concept with defined training modules at the RCB and the DFG Research training Group 1743 “Genes, Environment and Inflammation” complemented by summer schools
• Your new workplace is located in a top-class research center close to Hamburg
• Participation in a productive and active team with two PostDocs, several PhD students and Technicians
• Payment according to TVöD-VKA incl. all benefits usually offered in the public sector
• Family-friendly working conditions and flexible working hours
• Child-care center and healthcare management

The Research Center Borstel is an equal opportunity employer that actively supports inclusivity and diversity. We are certified by audit berufundfamilie. We encourage female candidates to apply and will treat them favorably in case of equal qualifications. Disabled applicants with equal qualifications will be preferred.

If you have any questions, please do not hesitate to contact skrauss-etschmann@fz-borstel.de. Please send your application with the usual documents (without photo) exclusively by email up to January 31st, 2020 to our website 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!