Discovering new things, driving projects forward, taking responsibility: At Bonn-Rhein-Sieg University of Applied Sciences (H-BRS), we count on employees who do just that. Together with our approximately 1,000 colleagues, we find new solutions to help find suitable answers to the diverse challenges of our time. We do this so that H-BRS, with its more than 9,000 students from more than 100 nations who are currently studying on 40 degree programs, can become even better. Do you accept the challenge?

The German Research Foundation (DFG) is funding our research cluster "CytoTransport - Mechanisms and Modulation of Cellular Transport Processes" (Research Impulse 26/1) for 5 years starting on 01.04.2024. Our project combines expertise in biomedicine, computational modeling, structural biology, chemistry and materials science for investigating cellular transport mechanisms in human health and diseases. Nine research groups in the two research institutes IFGA (Institute for Functional Gene Analytics) and TREE (Institute for Technology, Resource and Energy-efficient Engineering) are working together towards that goal. Detailed information on the research cluster's objectives and the individual projects can be found at: https://www.h-brs.de/en/cytotransport.

We are looking for the following employee (d/f/m) to join our "CytoTransport" team as of 01.04.2024 in our Department of Natural Sciences on Campus Rheinbach, subject to the final funding letter:

One part-time Research Associate/PhD Student (d/f/m) for Research on the Transport of Ketone Bodies

Your tasks:
You

- carry out research and development work in the DFG-funded research cluster "CytoTransport - Mechanisms and Modulation of Cellular Transport Processes, in particular on the transport of ketone bodies.
- investigate the molecular basis of transport processes, particularly against the background of a better understanding of the pathomechanisms underlying inborn errors of metabolism.
- explore the relevant scientific literature, plan experiments with a high degree of independence and a sense of responsibility, carry them out, document the results, evaluate them and interpret them in a scientific context.
- present research results internally and externally, including in specialist journals and at conferences in Germany and abroad.
- will be a committed member of a small laboratory team and support students in their experimental theses.

Our expectations:
You

- have a degree in natural sciences (Diploma/Master's degree) in a life sciences subject (e.g. biochemistry, biology, molecular biomedicine) and practical experience in the field of molecular biology;
- want to gain a better understanding of the biochemical basis of metabolic diseases and are also interested in links to physiology.
- can independently select and apply suitable molecular biological and biochemical methods, have relevant practical experience with them and may have already worked with CRISPR/Cas9.
- have solid foundations in statistics and MS Office, as well as written and spoken English language skills (comparable to B2 level).
- work in a very structured way, strive for further scientific qualification, e.g. towards a doctorate, and are interested in metabolic processes and pathobiochemistry.

What we offer:
We as employers

- offer exciting, varied work in an innovative environment, part-time (25 hours and 53 minutes weekly), remunerated according to your qualifications up to salary group 13 TV-L. We offer the position for your scientific qualification with a contract term of until 3 years. The scientific qualification orientates to your personal conditions and your own qualification aim.
- are family focused and offer flexible working hours and childcare facilities.
- facilitate advanced training and continuing education for professional and personal development.
- provide a library and a cafeteria.
- value the liveable Rhineland area as an optimum environment for higher education – distinguished by unique local advantages such as the cathedral city of Cologne, the cosmopolitan city of Bonn, and the unspoiled countryside of the Eifel, Siebengebirge and Rhine districts.

We want to have more female academics/employees at our university and are therefore especially pleased to receive applications from women. Applicants with children are warmly welcomed. H-BRS is certified family-friendly – and proud of it. People with severe disabilities are an integral part of our university, and are given preference in the application procedure provided they are equally well qualified.

If you have any questions, please contact the supervisor of the position, Prof. Dr. Jörn Oliver Sass via +49 2241 865 9668 or joern.oliver.sass@h-brs.de. Questions to the topics equality and family friendly Hochschule can be answered by the equality commissary Dr. Barbara Hillen-Haas via +49 2241 865 268.

Become part of Bonn-Rhein-Sieg University of Applied Sciences (H-BRS) and use our online form to send us your application by 01.03.2024 (Reference 14/24).

https://www.h-brs.de/en/karriere-an-der-h-brs