

Jacobs University is a private, state-accredited, English-language research university in Bremen. We are offering PreDegree, Bachelor, Master or PhD programs in three focus areas: Health, Mobility and Diversity and are involved in the professional development of specialists and managers and in the transfer of knowledge. Our principles are first class research and teaching, international diversity and transdisciplinary cooperation. As an international university we attract highly talented and open-minded students from all over the world. Currently, more than 1,500 students from 110 nations live and study on our residential campus.

The department „Life Science and Chemistry” invites interested candidates to apply for the next possible date as a

Postdoctoral Fellow in Cell Biology (m/f/d)

(full-time, limited to 3 years)

Job ID 21~28

Project outline:

The project investigates the molecular causes of autoimmune inflammatory diseases, especially ankylosing spondylitis (Morbus Bechterew), which are statistically associated with the occurrence of certain alleles of the human leukocyte antigen (HLA) class I proteins. We will investigate the molecular properties of these proteins and the effects that they cause in the cells that produce them. Methods include mammalian cell culture, fluorescence microscopy, flow cytometry, immunoprecipitation, but also isolation, purification, and analysis of proteins.

For our previous work in this area, see

- Hein et al., <https://doi.org/10.1371/journal.pone.0200811>
- Abualrous et al., <https://doi.org/10.1002/eji.201445307>

Your responsibilities:

- Laboratory research in the context of the project in cooperation with another postdoctoral fellow.
- Independent literature study and resulting creative project management.
- Help with the preparation of publications and grant applications.
- Teaching as desired and agreed upon.

Your qualifications:

- PhD in cell biology, biochemistry, immunology, or similar, completed by the middle of 2021.
- At least one first-author publication in an international peer-reviewed journal.
- Fluency in English, both written and spoken.

We look for coworkers who are ambitious, energetic, creative, intellectual, and consciously independent. You should be happy to work in an interdisciplinary environment and be a good teamworker. We expect that you will shape the project yourself, learn new methods, and pursue collaborations with others in- and outside the group.

We offer:

- Flexible working hours
- Working on a modern campus
- Choice of 4 dining halls on campus
- Easy accessibility by public transport and plenty of parking on the premises
- Various health and sports offer

Your application:

For further information regarding this position, please contact Sebastian Springer, email s.springer@jacobs-university.de .

Please upload your documents (letter of motivation, curriculum vitae and certificates) in our application tool on our website [here](#).

The review of applications will begin immediately and will continue until the position is filled. This advertisement expires on October 31, 2021.

Jacobs University is an equal opportunity employer.