



The University of Lübeck is a modern university specializing in Medicine and Health Sciences, Computer Science, Molecular Biology, Mathematics in Medicine and Life Sciences, and Medical Engineering. Internationally renowned research and the high quality of academic teaching characterize the profile of our university.

The Institute for Biomedical Optics (Director: Univ.-Prof. Dr. Robert Huber) at the University of Lübeck, is inviting applications for a

Researcher/doctoral candidate in the field of biology/molecular biology

(m / f / d)

with a working time of 75% of a full-time position (currently 29.025 hours per week) for a limited period initially for 18 months. An extension is possible.

Task profile:

As part of a research project financed by a foundation institution, we are looking for a scientist (doctoral candidate) in biology or molecular biology for experimental work with cultivated retinal cells. The project deals with the biological cell actions on thermal laser therapy, which is being researched as one of the new therapies for age-related macular degeneration (AMD). The laser-induced cell response including gene expression will be investigated under different cellular conditions. The opportunity for further academic qualification is offered as part of the activity.

Qualification profile:

- University degree (master's) in biology, molecular biology or a related subject
- Experience with cell culture work
- Experience with PCR (qPCR)

Desirable, but not a prerequisite:

- Experience with protein measurement (e.g. Western blot)
- Experience with fluorescence microscopy
- Knowledge or experience of laser tissue interaction
- Knowledge or experience in laser optics

You can expect a diverse, interesting job with a high level of personal responsibility in an interdisciplinary team, and flexible working hours. The final job classification within TV-L is subject to conditions of German Public service regulations.

The University of Lübeck sees itself as a modern and cosmopolitan employer. We welcome your application regardless of your age, gender, cultural and social background, religion, worldview, disability or sexual identity. We promote gender equality. Priority will be given to women who have equal aptitude, competence and professional performance. As an applicant with a severe disability or a person of equal status, we will give you preferential consideration if you are appropriately qualified.

The project leader Ms. PD Dr. Yoko Miura is available to answer questions about the content of the area of responsibility under the email: yoko.miura@uni-luebeck.de. Please send written applications with all relevant materials (curriculum vitae, certificates) quoting the **reference number 1001/21** by at the latest **05.02. 2021 (date of receipt)** summarized in one PDF document to bewerbung@uni-luebeck.de or by post to:

Universität zu Lübeck – Die Präsidentin – Referat Personal

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