

School VI Medicine and Health Sciences comprises the fields of human medicine, medical physics and acoustics, neurosciences, psychology and health services research. Together with the four regional hospitals, School VI forms the University Medicine Oldenburg. Furthermore, there is close cooperation with the University Medicine of the University of Groningen.

In the University Clinic for Ophthalmology (Head Prof. Dr. Dr. Stefan Schrader), Laboratory for Experimental Ophthalmology, Department of Human Medicine of Faculty VI - Medicine and Health Sciences of the Carl von Ossietzky University of Oldenburg is available

1 PhD position (m/f/d)

(E13 TV-L, 65%)

starting as soon as possible for an initially limited period of 3 years. There is the possibility of personal scientific qualification [doctorate].

We offer:

An exciting project in the field of translational, regenerative medicine and stem cell research. The focus of the project is on investigating the influence of mesenchymal stem cells on the regenerative capacity of the lacrimal gland in vitro and in vivo. An essential part of the project is the work with murine, porcine and human mesenchymal stem cells from different tissue types. Methodologically, the focus is on cell culture-based methods (e.g. generation of organoids), histological and immunohistological methods, detection methods at RNA (qRT-PCR) and protein level (Western blot, FACS), animal experiments and electron microscopic methods.

Requirements are:

Recruitment requirements are a university degree with a scientific orientation (biology, biomedicine, life science or comparable). Your research interests should be in regenerative, translational medicine.

Knowledge of animal experiments is desirable but not necessary, including FELASA certificate (or comparable qualification). The willingness to perform animal experiments is mandatory. Experience in cell culture, molecular biology techniques and immunohistochemical analyses is highly desirable. You should be able to work in a team and show high motivation and determination for laboratory work. Good knowledge of English and at least basic knowledge of German is expected.

Desirable are:

Experience in the planning, implementation and evaluation of scientific studies, as well as the preparation of scientific presentations and publications are desirable. As well as a high degree of independence, flexibility and the ability to work in a team and a willingness to work in an interdisciplinary environment

We offer:

A varied, stimulating and challenging field of activity with the opportunity for self-determined work. We offer the opportunity for academic qualification (doctorate). The Carl von Ossietzky University also offers academic career support (e.g. through further education and training programmes, (<https://uol.de/medizin/nachwuchs>)), flexible, family-friendly working hours and a VBL supplementary pension scheme in the public sector.

The University of Oldenburg aims to increase the proportion of women in the academic field. Therefore, women are strongly encouraged to apply. According to § 21 para. 3 NHG, female applicants should be given preferential consideration if their qualifications are equivalent. Applicants with disabilities are given preference in the event of equal suitability.

Please send your electronic application (as one single pdf file) including a cover letter, CV, publication list (if applicable), list of two potential referees, and copies of certificates of academic grades to Sonja.Mertsch@uni-oldenburg.de. The application deadline is 15th September 2024. For general questions please contact PD Dr. Sonja Mertsch by email sonja.mertsch@uni-oldenburg.de.

