



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

LEHRSTUHL FÜR FISCHKRANKHEITEN UND
FISCHEREIBIOLOGIE
TIERÄRZTLICHE FAKULTÄT

CHAIR OF FISH DISEASES AND FISHERIES BIOLOGY
FACULTY OF VETERINARY MEDICINE



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Postanschrift
Kaulbachstr. 37/ 1. Stock
80539 München

München, 01.12.2021.

RE: Postdoctoral research associate position available at LMU Munich Fish Disease Chair

Postdoctoral Research Associate (E13/E14). Full time position for up to two years with possibility of renewal. The Chair of Fish Diseases and Fisheries Biology, Ludwig-Maximilians-University Munich is looking for a full time Postdoctoral Research Associate to start on 01.02.2022 or as soon as suitable candidate is selected.

Requirements: DVM/MD and/or PhD (or equivalent) with a degree in infectious diseases, immunology, fish biology, aquaculture, or related field. Previous experience in aquatic animal veterinary medicine is preferred. Working knowledge of English language is required.

Conditions: This a full time, term position with pay grade of E13/E14 (salary grade depending on qualifications and experience, for details and orientation see <https://oeffentlicher-dienst.info/tv-l/allg/>) with corresponding benefits package. Satisfactory performance will allow for up to two years of full time employment, with possibility of renewal. Undertaking German University Habilitation or (for graduated veterinarians) alternative residency program of European College of Aquatic Animal Health is an option.

Part-time employment is generally possible. Disabled applicants are preferred if they are otherwise essentially the same. Applications from women are welcomed.

Position description: The postdoctoral research associate will join a laboratory with active research program in areas of fish diseases and fisheries biology and will work with an international team. Our current research focus are studies of fish adaptive and innate immune responses in stress and disease, related to evaluation of safety and efficacy of autogenous vaccines. We are looking for independent, dynamic, and strongly self-motivated researcher to become a part of our growing team. Brief description of our research can be found at <https://www.en.fisch.vetmed.uni-muenchen.de/index.html>.

The successful candidate will study effects of diseases and environmental factors *in vivo* and *in vitro* on aquatic animal immune responses and disease resistance. General knowledge of immunology, microbiology, epidemiology and statistics, and experience in manuscript and grant preparation and submission is preferred. It is expected that the holder of this position will take an important role in laboratory management, including quality control of procedures and protocols in our state-of-the-art aquatic animal health research facility. This post is also expected to support the live animal experiment requirements at the Chair by having a degree in veterinary medicine or equivalent training, and FELASA or similar certificate/eligibility.

Duties will also include participation in grant proposal preparation; preparation and submission of publications to peer-reviewed scientific journals; scientific advice and guidance as appropriate to technicians, graduate students, visiting scientists and other members of the Chair. The candidate will have an opportunity to participate in teaching to professional (veterinary) students, travel to conferences and workshops, and gain valuable experience for a career in academia.

The candidate is expected to have significant working experience with the following laboratory techniques, including troubleshooting, results analysis, and interpretation: Molecular techniques (DNA/RNA collection, isolation and preparation; qPCR and sequencing); Bioinformatics/*in silico* analysis of high throughput sequencing data; function assays of the immune system (cellular, serology, hematology, and ELISA-based tests). Knowledge of the following techniques will be considered an important asset: isolation, growth and characterization of fish bacteria and viruses; fish tissue cultures; flow cytometry (FACS); immunostaining (immunocytochemistry, western blot); microscopy (confocal, fluorescent, 3D) including imaging software and 3D analysis.

How to apply: The candidate is encouraged to send the application materials (cover letter detailing qualifications, skills and experiences, current curriculum vitae, copies of applicable certificates/degrees etc.) via email (sekretariat@fish.vetmed.uni-muenchen.de) or via post to:

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Applications received on or before 31.01.2022 will be considered in a continuous review process until suitable candidate is identified.