



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

LMU BIOCENTER
FACULTY OF BIOLOGY
EVOLUTIONARY BIOLOGY
WOLF LAB



Postdoctoral Researcher in Evolutionary Genetics

The Wolf lab is recruiting a postdoc to join our international research team at the University of Munich (LMU Munich). This multi-year postdoc position offers the opportunity to make an impact in the broad field of evolutionary genetics and build a successful research career.

The position. We are seeking a skilled scientist with a solid background in evolutionary genetic theory, proficiency in bioinformatic processing of large -omics data sets and familiarity with common population/comparative genetic software tools. The postdoc will develop and apply computational approaches to existing data sets and co-develop future research activities with the aim to characterize patterns and processes of evolution. Beyond research, responsibilities include service of IT infrastructure and mentoring students in computational BSc and MSc courses (4 h / week during the semester). This is a multi-year postdoc position initially restricted to three years with possibility of extension of up to seven additional years. Remuneration is according to German public payment scale TV-L E13 100 % commensurate with qualifications and experience.

Research environment. We use computational methods to study fundamental demographic and evolutionary processes in natural and experimental populations. A central goal of the lab is to understand the evolutionary processes involved in adaptation and speciation. Data sets exploring different aspects of natural variation in ancient and current-day samples are generally sequence-based (WGS, ATACseq, RNAseq, WGBS, EMseq) and are used to test evolutionary theory, often by intersection with quantitative phenotypes and other metadata. Model organisms include birds, marine mammals, fission yeast and a meadow. The lab is located at LMU Munich and Max-Planck Institute of Biological Intelligence and maintains close ties to a growing evolutionary genetics community representing the breadth of the field (EvoGenMunich). With the Leibniz Supercomputing Centre and its local partners, we have access to state-of-the art computing facilities. Munich is Bavaria's capital, with many traditions still alive, and is a vibrant but relaxed city offering a high quality of living.

How to apply. Applicants holding a PhD with a proven publication record in a relevant field are encouraged to apply. Applications including a statement of motivation, a CV and the contact details of at least two references should be sent as a single .pdf file to evolution@bio.lmu.de subject term 'EvoGen postdoc'. The position is open until filled with an anticipated start date in summer 2024.

Links. Wolf Lab, LMU Munich: https://www.evol.bio.lmu.de/research/j_wolf/index.html; MPI Biological Intelligence: <https://www.bi.mpg.de/wolf>; Evolutionary Genetics community Munich: <https://evogenmunich.de/>; Leibniz Compute centre: <https://www.lrz.de/english/>; Biology Campus: <http://www.campusmartinsried.de/en/336-2/>

