

The Leibniz Institute for the Analysis of Biodiversity Change (LIB) seeks to hire a Head of Molecular Laboratory, at Hamburg

The Leibniz Institute for the Analysis of Biodiversity Change (LIB) will be established as an integration of the Centre of Natural History of the University of Hamburg (CeNak), Hamburg, into the Zoological Research Museum Alexander Koenig – Leibniz Institute for Animal Biodiversity (ZFMK), Bonn. As such, the LIB will be a foundation under public law and a research museum of the Leibniz Association. The LIB will contribute to biodiversity research with its extensive collections and through its research fields of taxonomy, morphology and molecular science. LIB will further contribute to the conservation of global biodiversity, to documenting and analyzing evolutionary and ecological biodiversity change, and engage in science transfer activities on biodiversity change and its potential causes.

The LIB is looking for a scientist for a tenure track position as Head of the Molecular Laboratory at the branch Hamburg, representing research at an internationally competitive level. The head of the molecular laboratory Hamburg will play a leading role in advancing molecular research at highest scientific standards at the LIB.

The successful candidate will closely collaborate with the LIB research sections covering the entire animal diversity, apply and develop advanced molecular methods and research approaches and will coordinate all operations of the central infrastructure of the Hamburg molecular lab, providing services to a broad range of projects at the LIB.

We expect the candidate to

- * hold a PhD in Ecology, Evolution or Molecular Biology or a closely related field with strong emphasis on empirical molecular work and computational skills in these subjects;
- * have experience in working with non-model organisms (animals);
- * have expertise in molecular genetics, including DNA extractions, PCR, next-generation sequencing, robotics, establishing lab setups;
- * have strong experience in data management and analysing DNA sequence and genome data (computational skills) in compliance with the FAIR principles;
- * have experience in team management and student supervision;
- * have experience in developing long-term strategies for the lab, meeting the goals of a state of the art central molecular lab service;
- * have motivation to work in a team and take responsibility;
- * closely collaborate with the Bonn molecular lab, promote novel ideas for methods and techniques and apply them in research projects tailored to requirements of museomics ;
- * excellent communication skills.

acquire substantial third-party funding with other LIB researchers of both localities.

It is desirable that the applicant has/is:

- * a good knowledge of the software R for programming, statistical analyses or graphical visualization of data;
- * experience with soft money acquisition, in particular concerning infrastructure development;
- * fluent in English; a good understanding of German is advantageous.

The Molecular Laboratory is a centralized facility, with its branches in Bonn and Hamburg providing knowledge and infrastructure to all LIB researchers. The Molecular Labs of both branches are part of the Centre for Molecular Biodiversity Research, and contribute to the ongoing development of the LIB as a globally leading institute for the study of biodiversity change. The labs of both localities are independent but closely collaborate in developing future strategic developments and perspectives and in making their particular experiences available to all researchers in the LIB. As Head of the Hamburg Molecular Lab, the successful candidate will take full responsibility for the lab's operations, coordination and training of users, maintenance of equipment, documentation (protocols), and compliance with security guidelines.

Applicants are evaluated based on how well they fulfil the requirements detailed above. Such evidence may include documentation of completed course work, scientific publications, technical and analytical know-how, evidence of organisational skills, and prior experience in lab management. Whenever possible, statements to these effects should be accompanied by objective or independent assessment of the candidate's track record and potential. These may include links to access published or unpublished material or letters of support from supervisors or previous employers. The tenure procedure will evaluate the above listed essential criteria (a high publication output is not mandatory for getting tenure). Working language is English, German language skills should be acquired on long term.

The Leibniz Association is committed to diversity and gender equity. The LIB is certified as a family-friendly institution. We aim to increase the proportion of women in areas, where women are under-represented and to promote their careers in particular. We therefore strongly encourage women with relevant qualifications to apply.

Applications will be handled in accordance with the Landesgleichstellungsgesetz NRW (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome. Initial salary corresponds to grade TV-L E 13 in the German Public Service Scheme. The contract will start as soon as possible, earliest on July 1st 2021 and will initially be restricted to three years. A tenure track will be subject to personal performance.

Applications in English, accompanied by supporting documentation (CV, certificates, lists of publications and funding) and a concept for collection-based research at the Molecular Lab Hamburg should be submitted no later than April 30th 2021 only digitally to Heike Lenz: www.leibniz-zfmk.de/en/job-portal

For further information about ZFMK and CeNak please see: <https://www.leibniz-zfmk.de> and <https://www.cenak.uni-hamburg.de>