

## **The Leibniz Institute for the Analysis of Biodiversity Change (LIB) seeks to hire a scientist in phylogenetics (w/m/d), at Hamburg**

The Leibniz Institute for the Analysis of Biodiversity Change (LIB) will be established in July 2021 as an integration of the Center 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 in phylogenetics, representing this field of research at an internationally competitive level. The position holder 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 phylogenetic including genomic methods providing services and collaboration to a broad range of projects at the LIB.

We expect the candidate to

- \* hold a PhD in Zoology, Molecular Genetics or a closely related field with strong emphasis on phylogenetics and phylogenomic methods;
- \* have advanced knowledge in the application and development of phylogenetic methods for the analyses of molecular genetic and genomic data for evolutionary and population genetic research;
- \* have relevant/extensive experience in the application of phylogenetic approaches in biological systematics and related fields;
- \* have strong experience in data management and analysing DNA sequence including also genome data;
- \* have experience in developing independent research projects and the development of new methodological approaches;  
have experience in team management and student supervision;
- \* have motivation to work in a team and take responsibility;
- \* closely collaborate within the LIB;
- \* instruct users in the usage of hardware and software for molecular genetic data analyses
- \* 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;
- \* fluent in English; a good understanding of German is advantageous.

The section of phylogenetics is part of the Centre of Molecular Biodiversity Research with its branches in Bonn and Hamburg providing knowledge and infrastructure to all LIB researchers. The Centre for Molecular Biodiversity Research contributes to the ongoing development of the LIB as a globally leading institute for the study of biodiversity change. The work groups of both localities closely collaborate in developing future strategic developments and perspectives and in making their particular experiences available to all researchers in the LIB.

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, and evidence of organisational skills. 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. 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 the molecular genetic research at the LIB Hamburg should be submitted no later than May 7th 2021 only digitally to Sandra Middelhoff: [www.leibniz-zfmk.de/en/job-portal](http://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>