

## **Tenure-track researcher position in Metabarcoding**

The Center of Molecular Biodiversity Research (<https://www.zfmk.de/en/zmb>) at the Zoological Research Museum Alexander Koenig (ZFMK) seeks enthusiastic, creative, and productive applicants for a full time tenure track position in the field of metabarcoding.

Recent developments in the field of metabarcoding have enabled large-scale applications in biodiversity monitoring and conservation. We seek to expand our metabarcoding section to cover a range of areas such as biomonitoring and next generation biodiversity assessments, the study of food webs, plant-animal and host-parasite interactions, as well as large-scale processing and analysis of metabarcoding data from bulk samples (e.g. insects from malaise traps).

We are particularly interested in candidates using metabarcoding in their research and/or candidates developing analytical tools for metabarcoding.

We seek an innovative and accomplished scientist whose research program will complement and diversify existing departmental research areas which include integrative taxonomy, phylogenomics, evolutionary biology and biodiversity research on animals.

### Assessment Criteria:

The ranking of eligible applicants will be based primarily on research expertise. This comprises research merits as well as the applicant's potential to contribute to the future development of metagenomics. Special weight will be given to expertise in large-scale metabarcoding studies and biodiversity assessments, as well as to scientific independence and the ability to attract external funding. The planned research of the applicant shall complement on-going research at the Center of Molecular Biodiversity Research. The candidate is expected to establish an internationally competitive research group, to successfully apply for research grants, to publish in internationally recognized journals, and to tightly collaborate with other research groups at the ZFMK.

### Required qualifications:

It is essential that the applicant has

- a PhD in Biology or a closely related field with strong emphasis on (meta)genomics;
- an internationally competitive publication record;
- experience in processing amplicon high-throughput sequencing data;
- experience in metabarcoding data analysis and visualization;
- experience in staff management and student supervision;
- motivation to work in a team and take responsibility;
- excellent communication skills.

The ZFMK is a Zoological Research Museum of the Leibniz Association cooperating with the University of Bonn, funded by the Federal State of NRW and the federal government. The Center of Molecular Biodiversity Research has been established to foster molecular research spanning from genomics and speciation genetic research to developing high-throughput barcoding applications.

We offer a highly motivating environment and ability to work independently. Salary and benefits are according to a public service position in Germany (TV-L E 13). An upgrade of salary and benefits to TV-L E 14 is possible and will be subject of the tenure evaluation. The ZFMK advocates gender equality. Women are therefore strongly encouraged to apply. Equally qualified severely disabled applicants will be given preference. The contract will start as soon as possible

and will initially be restricted to three years. A tenured position will be subject to personal performance reviewed by a commission.

Please send your application by e-mail attachment, including a detailed CV, a complete publication record, a research plan, a list of successful grant applications, names of three potential referees and five selected publications, until 08.04.2019 to Mrs. Heike Lenz (e-mail: [h.lenz@leibniz-zfmk.de](mailto:h.lenz@leibniz-zfmk.de)). In case of questions concerning the position please contact Dr. Sarah Bourlat (e-mail: [S.Bourlat@leibniz-zfmk.de](mailto:S.Bourlat@leibniz-zfmk.de)).

For more information about the museum see <http://www.leibniz-zfmk.de>

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