

Job offer ref. #12-18013

The Senckenberg Gesellschaft für Naturforschung (SGN) is a member of the Leibniz Association and is based in Frankfurt am Main, Germany. LOEWE Centre for Translational Biodiversity Genomics (LOEWE-TBG), <https://tbg.senckenberg.de>, is a joint venture of the Senckenberg Gesellschaft für Naturforschung (SGN), Goethe-University Frankfurt, Justus-Liebig-University Giessen and Fraunhofer Institute for Molecular Biology and Applied Ecology IME aiming to intensify biodiversity genomics in basic and applied research. We will establish a new and taxonomically broad genome collection to study genomic and functional diversity across the tree of life and make genomic resources accessible for societal-demand driven applied research.

The **Senckenberg Gesellschaft für Naturforschung and the LOEWE-TBG** invite applications for a

Post Doc (m/f) – Ecological Genomics of Lichenized Fungi
(full time position)

Your tasks

- De novo genome assembly and annotation (lichenized fungi)
- Genome mining of biosynthetic gene clusters
- Genome-wide association mapping

Your profile

- PhD in evolution, ecology or related areas
- Strong background in symbiosis research, especially evolution and ecology of lichenized fungi
- Experience in molecular approaches to study the ecology and evolution of lichens
- Ability to assemble / troubleshoot bioinformatic pipelines and to deal with large amount of data (i.e. ability for shell and script programming)
- Excellent communication skills in written and oral English
- High motivation and strong interest in conducting explorative genomic research on lichenized fungi

What is awaiting you?

- A dynamic team of scientists at the new LOEWE Centre Translational Biodiversity Genomics, as well as ecologists, evolutionary biologists, bioinformaticians in an international research group
- Interdisciplinary networking opportunities with biodiversity and climate scientists at the Senckenberg Research Institute
- The opportunity to habilitate at Goethe University Frankfurt
- The possibility to create a network with scientists in interdisciplinary fields in translational biodiversity genomics
- Flexible working hours – annual special payment – company pension scheme – Senckenberg ID card for free entry in museums in Frankfurt – a holiday of 30 days/year

Place of employment:	Frankfurt am Main
Working hours:	Full time (40 hours/week)
Type of contract:	initially limited for 3 years
Salary:	according to the German collective agreement TV-H (pay grade E 13)

Salary and benefits are according to a full time public service position in Germany (TV-H E13). The position is available as of **August 15th 2018** and is initially **limited for three years**. The Senckenberg Gesellschaft für Naturforschung supports equal opportunity of men and women and therefore strongly invites women to apply. Equally qualified handicapped applicants will be given preference. The place of employment is in Frankfurt am Main, Germany. The employer is the Senckenberg Gesellschaft für Naturforschung.

How to apply

Please send your application, mentioning the reference of this job offer (**ref. #12-18013**) until **July 24th, 2018** by e-mail (attachment in a single pdf document) and include a cover letter detailing your research interests and experience, a detailed CV, copies of your certificates (PhD, Master's, Bachelor degree), transcripts and grades, and a list of publications to:

Senckenberg Gesellschaft für Naturforschung
Senckenberganlage 25
60325 Frankfurt am Main

E-Mail: recruiting@senckenberg.de



For scientific information please contact Prof. Dr. Imke Schmitt (imke.schmitt@senckenberg.de). For more project details please see also "Natural Products Genomics" at <https://tbq.senckenberg.de>.