



Job offer

17/20

The **Leibniz-Institute DSMZ-German Collection of Microorganisms and Cell Cultures GmbH, Braunschweig** offers the positions of

Two PhD students (m/f/d)

in the Department **Bioresources for Bioeconomy and Health Research**. The appointment will be for 3 years. The salary level will be TV-L E 13 (65%). Starting date will be **January, 2021**.

The goal of this project is the novel and efficient use of the aquatic hyphomycete cultures distributed in international culture collections. The main task of the PhD students will be (i) Sampling and preserving aquatic hyphomycete cultures (ii) Taxonomy and phylogeny of aquatic hyphomycetes (iii) Sequencing of genomes and (iv) Phylogenomics of aquatic hyphomycetes key taxa.

Candidates need to hold a Masters degree in Biology or a similar research field. They should have experience in mycology and working with molecular techniques. Knowledge in fungal taxonomy and genomics would be advantageous.

The Leibniz Institute DSMZ is one of the largest bioresource centers in the world. The institute is equipped with state-of-the art instruments for microbiological, chemical, and molecular work including an own next-generation sequencing, metabolomics, and bioinformatics core facility. The institutes of the Leibniz Association strive to increase the proportion of female scientists. Disabled applicants with identical qualification will be preferentially selected. The DSMZ is an equal opportunity employer, supports balanced work-life career development, and holds the certificate of the audit **berufundfamilie®**.

For further information please contact PD Dr. Christiane Baschien (christiane.baschien@dsmz.de, phone: ++49-531-2616-243).

Please send your complete application documents including a CV, motivation letter, summary of master thesis, one reference, with job number **17/20** as a single pdf file to christiane.baschien@dsmz.de.

The deadline for this application is 30th of November 2020 or until the positions are filled.