The Institute for Evolution and Biodiversity at the University of Münster, Germany, is seeking to fill the position of a

**Postdoctoral Research Associate**

*Wissenschaftliche\*r Mitarbeiter\*in*

**(salary level TV-L E 13, 100%)**

The preferred **starting date is February 2022 or at the earliest possible date.** We offer a fixed-term full-time position for four years.

The project aims to investigate how niche choice affects the evolutionary process of insecticide resistance and gut microbiota in Colorado potato beetles (*Leptinotarsa decemlineata*, CPB), using an integrative approach that involves experimental evolution, trait manipulation, metagenomics and individual-based modelling. As a part of the Collaborative Research Centre SFB/TRR 212 (https://www.uni-bielefeld.de/fakultaeten/biologie/forschung/verbuende/sfb\_nc3/), the project will involve intensive collaboration with consortium partners at the Universities of Münster and Bielefeld. The project will be mainly carried out at the University of Mainz.

**Requirements:** We are looking for a highly motivated researcher with a doctoral degree, or equivalent thereof, in biology, evolutionary ecology and evolutionary genomics. The candidate is expected to design, conduct and organize a large experimental evolution experiment and analyse large amount of genomic data with high degree of independence. Thus, a background in evolutionary genetics is required. Applicants must demonstrate experience in statistics and experimental evolution. Experience with plant-insect interactions, insect evolutionary ecology and molecular genetics is a plus. Our group consists of people of various nationalities and teamwork is essential for all projects in the group. Therefore, excellent communication skills, as well as proficiency in spoken and written English are expected. Good knowledge in German is a plus.

The University of Münster is an equal opportunity employer and is committed to increasing the proportion of women academics. Consequently, we actively encourage applications by women. Female candidates with equivalent qualifications and academic achievements will be preferentially considered within the framework of the legal possibilities. The University of Münster is committed to employing more staff with disabilities. Candidates with recognized severe disabilities who have equivalent qualifications are given preference in hiring decisions, although some restrictions related to specific project-related tasks may apply.

Applications must be in English and include:

(1) a motivation letter stating the research interests with reference to the stated requirements in *no more* than 2 pages,

(2) a detailed CV including academic and extracurricular achievements, as well as details of all research experience,

(3) an abstract of the PhD thesis, and

(4) contact details of at least two referees.

Applicants should send their documents in ***one single PDF file*** to Prof Shuqing Xu (shuqing.xu@uni-muenster.de) with a subject line “NC3 Postdoc Position - Your Name”*.*The application review will commence on ***31st December 2021***.The position will remain open until filled.