

**Postdoc fellowship (UNIVERSITÄT BASEL)**

**Bewerbungsfrist: 15.12.2023**

**Postdoc fellowship in Population/Conservation Genomics**

100% / 1 February 2024 or negotiable

The group of *Plant Ecology and Evolution, Department of Environmental Sciences* at the University of Basel, Switzerland <https://duw.unibas.ch/en/ecoevo/>, is looking for a postdoc to lead the analyses of population genomics data sets in the fields of Plant Evolutionary Genetics and Conservation Genetics.

**Your position**

Our new research projects generally focus on (a) genomic signatures of climate adaptation, (b) signatures of genetic drift, including mutational load, and (c) conservation genomics. Our group has recently (long-read-) sequenced the genomes of individuals of many populations of North American *Arabidopsis*, and of a handful of Brassicaceae species differing in elevational distribution in the Swiss Alps. Furthermore, we attempt to study the population genetics of threatened plants of calcareous grasslands.

**Your profile**

The fellowship is for applicants who have done a PhD or at least one postdoc in Population Genetics / Genomics and/or Conservation Genetics.

**We offer you**

The initial appointment is for one year; based on performance, the fellowship is renewable for up to four years. The University of Basel has generous resources for genomic analysis (scientific high- performance computing, data management, training and support). Furthermore, our Department of Environmental Sciences offers a stimulating environment, including a rich spectrum of research activities in life sciences (ecological genomics, population genomics, evolutionary biology, plant ecology, physiology and molecular and cell biology). Finally, Basel is a mid-sized Swiss city, well connected and offering a broad range of cultural and recreational activities.

**Application / Contact**

Motivated applicants should submit (1) a one-page letter that summarizes interests and relevant experience, (2) their CV, (3) copies of PhD and other relevant diploma transcripts, and (4) contact information of two references. We accept only online applications. Applications are welcome until the position is filled and will be reviewed starting December 15, 2023. For more information, contact Prof. Dr. Yvonne Willi ([yvonne.willi@unibas.ch](mailto:yvonne.willi@unibas.ch)).