

Postdoc position (UNIVERSITÄT BASEL)**Bewerbungsfrist: 15.12.2022****Postdoctoral position in Plant Evolutionary Ecology and Climate Adaptation**

(90%) / 1 March or negotiable

The group of *Plant Ecology and Evolution* at the University of Basel, Switzerland (<https://duw.unibas.ch/en/ecoenv/>) is looking for a postdoctoral researcher to lead the setup and analyses of studies in the field of plant adaptation to climate, including quantitative genetics experiments performed in greenhouse and climate chambers and selection experiments outdoors.

Topics of research

Our research projects focus on (i) adaptation under global warming, (ii) causes of constraints to climate-niche evolution, (iii) geographic and elevational range limits, (iv) the role of trade-offs among traits at range limits, and (v) detecting genetic variants of climate adaptation. Study systems are outcrossing *Arabidopsis lyrata* and Brassicaceae species of the Swiss Alps. We work both on the micro- and macroevolutionary scale and employ classical quantitative genetics methods combined with the analysis of genomic and transcriptomic data.

Your profile

We are looking for a highly motivated candidate interested in Evolutionary Ecology and Population Genetics, with a keen interest of working with plants. You have experience and have published in quantitative genetics and/or population ecology. You appreciate working in a team environment and have a self-organized and solution-oriented work attitude. You are willing to collaborate in ongoing research projects in the lab, as well as to support the team in teaching and advising students on all levels, from the BSc to PhD candidates. Applicants hold a PhD degree and have some postdoctoral experience.

We offer

The initial appointment is for 2 years; based on performance, the fellowship is renewable for up to four more years. The University of Basel has generous resources for analysis of quantitative genetics and genomic data (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) a 1-page research statement, (3) a 1-page teaching statement, (4) their CV with publication list, and (5) contact information of two references. We accept only online applications. Link: <https://jobs.unibas.ch/offenestellen/postdoctoral-position-in-plant-evolutionary-ecology-and-climate-adaptation/5088eefa-229b-4540-8549-a0c69eb2f259> Applications are welcome until the position is filled and will be reviewed starting **December 15, 2022**. For more information, contact Yvonne Willi (yvonne.willi@unibas.ch)