

**Institut de biologie
Faculté des sciences**

- Rue Emile-Argand 11
- Case Postale 158
- CH-2009 Neuchâtel

Scientific research assistant in plant population genetics at the University of Neuchatel

A research assistant with expertise in molecular lab work and data analysis is desired in the evolutionary botany group, University of Neuchatel. We are a research team studying the evolution of phenological and morphological adaptations in *Arabidopsis lyrata*. Although the process of evolution can be described as a shift in allele frequencies, little is known about how the selection environment influences adaptation on the level of genes and phenotype simultaneously. Our group studies this process using selection experiments, tracing phenotypic shifts, and assessing gene frequency shifts at candidate loci.

The scientific assistant will participate in plant rearing and measuring, sequence and fragment analysis, transformations, laboratory management (including maintenance of the sequencer), and quantitative analysis of molecular data. The working language of the group is English, although knowledge of French may be a plus for easing administrative interactions within the University and for improving social life. Previous exposure to evolutionary biology and/or plant sciences is essential. The candidate should feel comfortable interacting with students. Intellectual flexibility and a genuine interest in biology are a must.

The candidate should possess a Masters degree or equivalent in Biology or Biotechnology and a work permit for Switzerland. The position is 80% for a maximum of 3 years. The salary will be according to SNF standards. Interested candidates should send electronic versions of

- a cover letter,
- CV,
- copies of transcripts, and
- the address of at least 2 references

by email to <yvonne.willi@unine.ch>. Applicants should mention the earliest date at which they would be able to start and are also welcome to attach PDF versions of their thesis or publications. Applications will be accepted **until March 1st 2010**.

Contact address:

Yvonne Willi, Ph.D.
SNF Professor of Evolutionary Botany
University of Neuchatel
Rue Emile-Argand 11
CH - 2009 Neuchatel

Application Email: yvonne.willi@unine.ch