



Postdoctoral Position

Institute of Plant Sciences, University of Bern, Switzerland Molecular Genetics of Floral Organ Morphology in *Petunia*

Position	Postdoctoral fellow
Starting date	The position is available immediately
Project duration	1 year, renewable for up to 3 years
Salary	According to the guidelines of the Swiss National Science Foundation http://www.personal.unibe.ch/unibe/verwaltungsdirektion/personal/pers/content/e10091/e10092/e10431/Nationalfondsanstze_2013_ger.pdf
Project description	<p>The genus <i>Petunia</i> comprises closely related species with different pollination syndromes. Our group is interested in the molecular-genetic basis of the evolutionary shift between pollination syndromes. <i>P. axillaris</i> has white, elongated flowers and is pollinated by long-tongued nocturnal hawkmoths; hummingbird-pollinated <i>P. exserta</i> flowers are bright red with reflexed petals and exerted reproductive organs. The successful applicant will undertake the molecular identification of the gene(s) underlying the major QTL for floral morphology. Techniques include classical and molecular genetics, high-throughput transcriptomics and bioinformatics. In addition, there is the opportunity to perform pollinator choice assays and population genetic studies.</p> <p>This is an opportunity to join a small and active research group where individually- and collaboratively-generated research questions will be developed and addressed.</p>
Requirements	PhD in molecular genetics, quantitative genetics or molecular ecology. Strong background in bioinformatics is an asset.
Application	The single pdf file should include curriculum vitae, copies of diplomas and transcripts, motivation letter and contact details of three references.
Deadline	Applications will be accepted until the position is filled.
Address of application	Prof. Cris Kuhlemeier Institute of Plant Sciences Altenbergrain 21 CH-3013 Bern tel. +41 31 631 4913 e-mail to anna.brandenburg(at)ips.unibe.ch Further inquiries about the position are welcome.
Links	http://www.botany.unibe.ch/deve/research/projects/pollinator.php http://www.youtube.com/watch?feature=player_embedded&v=o1BcisZPBqg