



Interfaculty Bioinformatics Unit, Baltzerstrasse 6, CH-3012 Bern

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**UNIVERSITÄT  
BERN**

Faculty of Science  
Department of Biology  
**Interfaculty Bioinformatics Unit**

Bern, 02.11.2021

### **PostDoc position in theoretical evolutionary biology**

A fully funded PostDoc position is available at the University of Bern. The initial contract will be for 1 year, but renewal is possible. The position is shared between the labs of Prof. Laurent Excoffier and Dr. Stephan Peischl. The exact subject of the PhD will depend on the qualifications and interests of the candidate and applicants are encouraged to develop their own projects. Current research topics in our labs include: theory of range expansions, molecular signatures of demographic and selective processes, theory of evolutionary rescue and evolutionary dynamics in regions of low recombinations.

We are looking for a highly motivated individual with a good background in theoretical population genetics, mathematics or physics, and good written and oral communication skills. Programming (R, Python, C, C++), statistical skills and experience with machine learning are a plus for the position. The PostDoc will be co-supervised by Stephan Peischl and Laurent Excoffier.

The Peischl lab is hosted by the Interfaculty Bioinformatics Unit at the University of Berne. The CMPG lab is hosted by the Institute of Ecology and Evolution of the University of Berne and is also affiliated to the Swiss Institute of Bioinformatics (SIB). The University of Bern and the SIB offer a very international and stimulating research environment. The successful candidate will also have the opportunity to interact and collaborate with other groups at the Interfaculty Bioinformatics Unit and the Institute of

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Ecology and Evolution, in particular the labs of Profs. Claudia Bank, Katie Peichel, and Ole Seehausen. Bern is ideally located in the middle of Switzerland and Europe, and provides rich cultural and outdoor activities.

The successful candidate is also expected to be involved in light teaching and administrative duties. The gross salary starts at around 80,000 CHF per year and will follow the University of Berne progression scale.

Please send, **before November 30<sup>th</sup> 2021**, an application letter stating your motivation for the position, a CV, and contact information of two references to [stephan.peischl@bioinformatics.unibe.ch](mailto:stephan.peischl@bioinformatics.unibe.ch) or [laurent.excoffier@iee.unibe.ch](mailto:laurent.excoffier@iee.unibe.ch). Further information can be requested at the same email addresses. The successful candidate could start as early as January 15<sup>th</sup> 2022.

Dr. Stephan Peischl and Prof. Laurent Excoffier