

Announcement

Applications are being invited for outstanding early-career scientists (2-8 years post PhD), interested in establishing their first independent research group in an interdisciplinary field, connecting "Mathematics" with natural or social sciences. In this context, the Institute of Population Genetics at the Vetmeduni Vienna is looking for candidates linking mathematics with evolution.

We are seeking for outstanding candidates, who are interested to submit an application to the open call for young investigators of the Vienna Science and Technology Fund (WWTF): https://www.wwtf.at/upload/VRG17_web.pdf.

In the case of a successful application, the research group will be funded for 6-8 years, with up to 1.6 million EUR by the WWTF, supplemented by an additional contribution from the University. After a successful interim evaluation, the Vetmeduni Vienna will offer a tenure-track position to the group leader.

Requirements: Applicants should have an excellent track record demonstrating the innovative application of mathematical and statistical models to the analysis of complex biological data.

We particularly encourage applications from candidates who are interested in integrating different levels of high dimensional omics data (e.g.: genomic, transcriptomic, proteomic) in an evolutionary time series context. We offer privileged access to time series data from *Drosophila* populations evolving for up to 200 generations to well-controlled experimental conditions.

Other topics overlapping with the research interests of the Institute of Population Genetics include 1) the evolution of biological networks in response to adaptive processes 2) genomic footprints of adaptation driven by quantitative trait loci 3) distinguishing signatures of local adaptation from demographic patterns

Application procedure: For a first step, informal inquiries, including a short CV with publication list, list of research projects and potential topics for a WWTF grant application should be sent to Christian Schlötterer (christian.schloetterer@vetmeduni.ac.at) as soon as possible but no later than May 10th 2017. Female applicants are explicitly encouraged to apply!