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Feb 15, 2023

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Bioinformatics



Molecular Biology



Functional Genetics



Mathematics



Statistics



Life History Evolution



The Vienna Graduate School of Population Genetics

provides an exciting training opportunity for highly motivated, outstanding **PhD students** with a background in one of the following disciplines: *bioinformatics, mathematics, statistics, evolutionary genetics, functional genetics, theoretical or experimental population genetics.*

Available topics include:

- Adaptation from reduced genetic variation.
- Development of haplotype-based inference methods.
- Evolution from de novo mutations - influence of elevated mutation rates.
- Evolution of sex-specific neuronal signaling.
- Inference of selection signatures from time-series data.
- Long-term dynamics of local *Drosophila* populations.
- Speciation from standing genetic variation.
- Studying the evolution of gene expression with single cell RNA-Seq.
- The role of structural variation in adaptive radiation.
- Understanding how selection acts on multiple tightly linked variants.