

We are currently looking for a PhD student to join us on the FlyInnovation project – deadline for applications 11 th of February 2024.

This 3 year PhD studentship is part of the DFG grant FlyInnovation awarded to Prof. Lena Wilfert (University of Ulm) and Dr Pete Csuppon (University of Münster). This evolutionary genetics project studies the evolution of genomic cooperation and conflict between transposable elements (TEs) and their host genomes via experimental and theoretical approaches. Specifically, FlyInnovation aims to understand if the TEs that inhabit the ends of Drosophila chromosomes are an evolutionary innovation or merely selfish genetic elements by combining experiments, OMICS approaches and theory.

The PhD student will work on the experimental aspects of the project, collaborating with the theoretical team at the University of Münster who are applying ecological models to this exciting evolutionary question. The advertised project also offers the opportunity to study the evolutionary trade-off between ageing and fecundity and how it is resolved in multiple species. This project is part of a multi-team program across Germany focusing on genetic innovation in insects (<http://www.g-evol.com>), offering excellent opportunities for training, collaboration and networking with leading institutes in evolutionary biology.

For more information, contact information and to apply visit <https://www.uni-ulm.de/nawi/evolutionary-ecology-and-conservation-genomics/prof-dr-lena-wilfert/research/current-projects/project-flyinnovation/>