

Postdoctoral Researcher Position at the iomE Mainz, Germany: Uncovering the Evolution and Molecular Regulation of Insect Cognition

- **How do insects learn to find their way around a maze?**
- **When does it make sense for them to forget?**
- **What are the molecular bases of learning and forgetting in these social insects?**
- **How are those genes regulated on an epigenetic level?**

Join us as a postdoctoral researcher at Johannes Gutenberg University of Mainz, Germany, investigating the **molecular foundations of cognition** in *Cataglyphis* ants. Uncover the complexities of insect navigation and the equilibrium between memory formation and forgetting. Partnering with Dr. Inon Scharf (Univ Tel Aviv, Israel) and Dr. Romain Libbrecht (Univ Tours), our research, funded by the German Science Foundation (DFG), builds upon pioneering experiments investigating (epi-)genetic influences on ant cognition during spatial orientation.

With a PhD in evolutionary biology, molecular genomics, or bioinformatics and a good publication record, you possess what is needed for this position. Funding is secured over 20 months, and the position could potentially be extended. Be part of the Institute of Organismic and Molecular Evolution at Johannes Gutenberg University in Mainz and a team of researchers working on the evolution of gene regulation <https://www.genevo-rtg.de/>, combining behavioral experiments, evolutionary theory, molecular biology and bioinformatics.

Applications are accepted until October 1st, 2023. To apply, send a letter of motivation, CV with publication list, and contact details of two referees to Susanne Foitzik at foitzik@uni-mainz.de.