



<https://mrtllab.uni-mainz.de/>

PhD Position: Sensory system wiring in changing environments

The mrtllab is seeking a PhD candidate to investigate how temperature affects sensory system wiring and function in *Drosophila melanogaster*. This multidisciplinary project implements molecular, anatomical and functional approaches to understand how developmental plasticity supports robust circuit computations in changing environments (see Züfle, Batista et al. Sci. Adv. 2025)

Requirements:

- A Master's degree (or equivalent) in Biology, Neuroscience, or a related field.
- Prior experience in one or more of the following is advantageous: *Drosophila* genetics, neuroanatomy, imaging techniques, neurophysiology, programming in Python.

Application Process:

If you are interested in joining our team, please send:

1. A letter of motivation
2. Your CV
3. Contact information for two referees

In a combined pdf to smartell@uni-mainz.de. Applications will be reviewed on a rolling basis, and candidates will be considered in the order they are received.

Position Details:

Start Date: Available immediately

Duration: 3 years

Contract: TVL-E13, 65%

We look forward to receiving your application and the opportunity to welcome you to our team!

For additional information, please contact us!

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