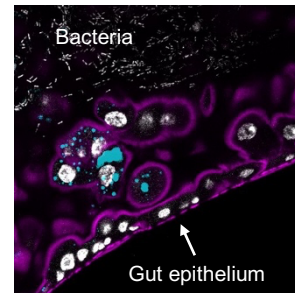




Heidelberg



COS



Our Research Interests

PhD Student in Host-Microbiome Interactions

Storelli Lab - Centre for Organismal Studies (COS), Heidelberg University, Germany

We are interested in how animals interact with their microbiome, the diverse communities of symbiotic microbes that can be either beneficial, or harmful. We use the powerful genetic tools available in *Drosophila* and model gut bacteria to understand how symbiosis supports essential aspects of animal physiology. We are also interested in the basic mechanisms that support gut function, and how perturbations in these processes contribute to intestinal and systemic diseases. Our lab is currently relocating from Cologne to Heidelberg, Germany. We are looking for a highly motivated PhD student to join our new lab at COS/Heidelberg University.

What we offer:

- A PhD position starting in **September 2025**, initially for 1.5 year, with the possibility of extension.
- Competitive salary based on 13 TV-L (65%) of German pay scale.
- Extensive research opportunities in a dynamic and collaborative environment at the Centre for Organismal Studies (COS), Heidelberg University.

Your profile:

- A Master's degree in life sciences, microbiology or related fields
- Experience in ***Drosophila* genetics, microbiology** or **-omics/bioinformatics**
- Wet lab experience is required for applicants trained in bioinformatics
- Excellent written and spoken English (English is the working language in the lab and at COS)
- Excellent communication, team work, and problem-solving skills
- Creativity, motivation and curiosity!

The research environment:

COS is an interdisciplinary research center founded in 2010 that studies diverse areas of biology, from molecular mechanisms to evolutionary processes. COS is home to cutting-edge research in both plant and animal systems, with access to world-class facilities, such as the Nikon Imaging Center, the Deep Sequencing Core and the Metabolomics core technology platform.

Please send the following materials to apply:

- Your Master's degree and transcripts.
- A detailed CV (no photo required) including publications (if applicable) and contact details of two academic referees.
- A summary of your research expertise (max. 2 pages).
- A one-page cover letter.

Please ensure that your application documents are in English. Send your application (or any questions) to Gilles Storelli (storelliapplication@gmail.com) with the subject line: **Storelli lab application**. Emails without this subject line will not be considered.

Applications will be evaluated on a rolling basis, until the position is filled.

Applications sent after August 31st, 2025 will not be considered.



CENTRE FOR
ORGANISMAL STUDIES



UNIVERSITÄT
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