

Long-Term Postdoc Position in Structural Biology and Biochemistry

We are looking for an experienced structural biologist or biochemist to join [our lab](#) at the [Centre for Organismal Studies](#), Heidelberg University. This is a research-focused position, initially funded for 3 years, with strong potential for long-term extension. We're looking for a colleague who wants to continue doing cutting-edge science and help us establishing an interdisciplinary research program on evolutionary cell biology. So, the role is ideal for someone who enjoys research rather than the administrative responsibilities that often come with being a PI.

Heidelberg offers an exceptional environment for structural biologists, with a vibrant and collaborative community across institutions such as EMBL, the Centre for Molecular Biology (ZMBH), and the Biochemistry Centre (BZH). These institutes host cutting-edge infrastructure and a broad range of experts in biochemistry and structural biology. So, you'll be embedded in a supportive and intellectually stimulating environment and have access to infrastructure.

What We Research:

The Big Biological Question (BBQ) that is driving our lab is how eukaryotic cells safeguard proteostasis and organelle function under stress. We are particularly excited about uncovering autophagy-driven cellular quality control mechanisms in plants and other diverse eukaryotes. To tackle this, we take a comparative cell biology approach, exploring the remarkable evolutionary diversity across the eukaryotic tree of life to discover new and unexpected pathways. Our lab combines this exploratory framework with state-of-the-art imaging, cell biology, and biochemical tools to dissect how these pathways function and contribute to cellular and organismal homeostasis.

What We Offer:

We are committed to fostering a supportive, inclusive, and intellectually vibrant research environment. Our lab embraces diversity—both in cultural background and scientific expertise—as a key driver of creativity and innovation (e.g., you don't need to be an autophagy expert; we'll help you get there). We encourage every team member to bring their unique perspective, take initiative, and actively shape our research direction (e.g., if you propose an exciting question that aligns broadly with our research theme, we're all in). Open communication, mutual respect, and shared ownership of the lab's goals are central to how we operate (e.g., we work collaboratively within the lab and across our broader research network). Whether you're eager to push technical boundaries or explore new biological questions, you'll find a space here where your ideas are valued, and your contributions truly matter.

Who We Are Looking For:

We are seeking a curious, motivated colleague with demonstrated experience in structural biology and/or biochemistry (evidenced by publications or preprints). Expertise in protein biochemistry, in vitro reconstitution, and structural methods such as cryo-EM or cryo-ET is highly desirable. Just as important as technical skills is a genuine enthusiasm for learning new concepts and a willingness to contribute to the supervision of other team members. If you're excited by the idea of contributing your structural insights to a collaborative team exploring cellular quality control, we'd love to hear from you.

If you are interested in joining our team, please send your CV, a motivation letter, and the contact details of three referees to yasin.dagdascos.uni-heidelberg.de by **June 1st, 2025**. The start date is flexible, with a preference for early 2026. For informal inquiries or questions about the position, feel free to get in touch anytime — we'd be happy to hear from you.



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