

PhD position

studying the role of mitochondrial cristae membrane dynamics and metabolic regulation

We are looking for a highly motivated PhD student studying the link between mitochondrial cristae membrane dynamics and regulation of metabolic fluxes in mammalian cells. We aim to decipher the role of the MICOS complex in this context further. The work will be done at the Institute of Biochemistry and Molecular Biology I, Medical School, Heinrich Heine University Düsseldorf, Germany under supervision of Prof. Andreas Reichert. We are an international team with a highly motivating working environment.

The successful candidate must bring:

- a master degree (or equivalent) in biochemistry, biophysics, biology, chemistry, or other closely related fields of natural sciences.
- experience in laboratory work using a broad spectrum of methods in biochemistry, molecular biology, and cell biology.
- very good proficiency in writing and speaking English.
- strong interest to work in an international team
- a deep scientific interest in a challenging unresolved question
- general passion and high motivation to work in science

Job Position

A PhD position (E13, 65%, DFG-funded) starting 1.5.2026 for the period of three years is offered.

The Heinrich-Heine University is committed to equal opportunity in employment and gender equality in its working environment. Handicapped applicants with equal qualifications will be preferred.

Application procedure:

Please send your full application until 15.3.2026 which includes a brief cover letter, your CV, relevant transcripts, and an essay (½ to 1 page) demonstrating your motivation to study this topic in our team. Only complete applications sent as one pdf-file to “reichert at hhu.de” will be considered.

Web:

<https://www.uniklinik-duesseldorf.de/patienten-besucher/klinikeninstitutezentren/institut-fuer-biochemie-und-molekularbiologie-i>

<https://orcid.org/0000-0001-9340-3113>