



We are looking to support our rapidly growing team as soon as possible:

Two Doctoral researchers (f/m/x) in Experimental Cell Biology

The Fenech Lab - Biochemistry



TV-L: 25 h/week (64,94%)



limited for 36 months
according to WissZeitVG



Your salary will be based
on TV-L

Your tasks

- Designing, performing and analyzing proteomics experiments
- Building hypothesis-based theories and testing them using a range of different cell biology and biochemical techniques
- Handling and manipulating yeast whole-genome collections or patient-derived samples
- Preparation of figures and data for presentation at meetings and conferences, and writing reports, manuscripts and a PhD thesis dissertation

Your profile

- A Master's Degree in Cell Biology/Molecular Biology/Biochemistry or similar
- An interest in organelle biology and/or membrane protein complexes, protein homologs and using proteomics-based methods
- Experience in experimental biology methods. Molecular biology methods (cloning, PCR) and western blotting are relevant for both positions. One position will use baker's yeast as a model organism, and the other, human cells in tissue culture. Experience with either model will hence be considered an advantage. Applicants with data analysis skills will also be favoured.
- Curiosity about the unknown

Your future with us

We are one of the leading university hospitals in Germany and network research, teaching and health care at the highest level. That's why many things are a lot bigger for us: the spectrum of exciting development opportunities. The limitless openness with which specialists from all over the world work together here. Or our commitment as an employer to support all employees as best we can in reconciling their job with their goals and life situations.

This is the University Hospital of Cologne: Everything but ordinary.

Your future in detail

The University of Cologne is one of the largest and oldest universities in Germany. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world.

The **Fenech lab** is a recently established DFG-funded Emmy-Noether research group at the Center for Biochemistry Cologne, located on one of Europe's top research campuses with state-of-the-art facilities. We aim to understand why, in the eukaryotic secretory pathway, so many similar proteins function alongside

- Wanting to work as part of a team and as a collaborator
- Proficiency in English

Our offer

- Strong mentorship to promote development into independent scientists
- An excellent and international biology research environment
- A supportive, collaborative and friendly atmosphere
- Participation in further training programs
- PhD salary, available for 3 years, starting from April/May 2025, with the possibility to extend

each other. These similar machineries – called homologs – can ‘back each other up’ with *shared* functions. However, all of them also have important *unique* functions and features, and for most, we still don’t know what underlying molecular mechanisms define this specificity. To uncover these, we use a combination of high-throughput protein interactor profiling, cell biology and biochemical tools in baker’s yeast and mammalian cells to find unique regulators and/or clients of homologous machineries.

We are looking for two enthusiastic doctoral researchers that share our fascination of how the largest organelle in the cell – the endoplasmic reticulum (ER) – works.

Does this sound interesting to you and you want to join our dynamic team?

Please submit your application containing a self-written cover/motivation letter (of no more than 1 page), a short CV (containing any publications and the contact details of two referees) and relevant copies of degree certificates.

Applications from female candidates are expressly welcome and will be given priority in the event of equal suitability, competence and professional performance. People with disabilities are welcome to apply and will be treated preferentially in the event of equal suitability and qualification.

Contact

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Geschäftsbereich Personal
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Application deadline: 16.02.2025

Job-ID: ne3jeag9

[apply now](#)

We look forward to receiving your application and getting to know you!