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

- Postdoc Position (f/m/x)

CECAD-CelluarStress Responses in Aging-Associated Diseases - AG Vilchez

TV-L: 38,5 h/week (100%)

limited until August 31, 2029 according to WissZeitVG within the framework of a third-party funded project

Your salary will be based on TV-L

Your tasks

- Plan and design quantitative proteomics experiments in close collaboration with the Project Leaders of the Research Unit. This includes studies on protein–protein interactions, expression proteomics, targeted approaches, post-translational modification detection/quantification, and subcellular proteomics
- Close collaboration with the CECAD Proteomics Facility
- Integrate data within and across projects to ensure efficient use of resources and reproducibility of experiments
- Lead an independent project focused on data integration to identify converging cell non-autonomous regulatory mechanisms
- Organize training programs on proteomics for members of the Research Unit
- Contribute to seminar series, workshops, conferences, and other scientific events organized by the Research Unit

Your profile

- PhD (or equivalent degree) in the natural sciences
- Proven expertise in proteomics is essential
- Experience in bioinformatics is an advantage
- Excellent command of English, both written and

Your future with us

Working at the University Hospital Cologne and the Medical Faculty means helping to shape the future - the future of medicine, of patients and, of course, your own future. You benefit from 60 clinics and institutes as well as numerous other departments and facilities and more than 12,000 jobs. The Faculty of Medicine of the University of Cologne and the University Hospital Cologne assume important social tasks in research, teaching and patient care. A close network with many university and non-university partners guarantees an internationally successful science and the excellent education of our students.

Your future in detail

The Research Unit 5762, coordinated by Prof. David Vilchez and Prof. Thorsten Hoppe, is dedicated to investigating the "Cell Non-Autonomous Regulation of Organismal Proteostasis." In collaboration with the University Hospital and University of Cologne, the University of Konstanz, and the Max Planck Institute for Metabolism Research, scientists from these institutions are exploring the mechanisms underlying proteostasis regulation across different tissues, both in healthy and diseased states.

The postdoctoral researcher will join Central Project Z1,

spoken
- Strong interest in the research topics of the Research Unit
- Well-developed organizational and coordination skills
- Open, approachable personality with a high level of team orientation

Our offer

- A stimulating research environment within an outstanding consortium
- A diverse and inclusive workplace that values equal opportunities
- Support for maintaining a healthy work–life balance, including flexible working hours
- Access to internal and external training and professional developmen opportunities
- The opportunity to further develop your expertise in proteomics and bioinformatics, with the potential for first-author publications and contributions to multiple co-authored papers

“Platform for Quantitative Proteomics and Data Integration,” led by Prof. David Vilchez and Prof. Marcus Krüger. This project represents a core component of the Research Unit. We are seeking a motivated candidate with a strong background in proteomics, acquired through a PhD or an equivalent degree. The role involves close collaboration with the CECAD Proteomics Facility, making strong teamwork and communication skills essential.

The postdoctoral researcher will be responsible for:
1) Planning and designing quantitative proteomics experiments in close collaboration with the Project Leaders of the Research Unit, 2) Integrating data within and across projects to ensure efficient resource use and reproducibility of experiments, 3) Leading an independent project focused on data integration to identify converging cell non-autonomous regulatory mechanisms, and 4) Organizing proteomics training programs for members of the Research Unit.

You can expect a stimulating and dynamic work environment within an experienced and dedicated consortium.

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. The position is suitable for staffing with part-time employees.

Contact

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Geschäftsbereich Personal
Kerpener Str. 62
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Uniklinik Köln Karriere

Application deadline: 15.06.2025

Job-ID: 39gbqvdz

apply now

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