



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

## Postdoc (f/m/x) Neuroinflammation in tauopathies

CECAD-CellularStress Responses in Aging-Associated Diseases



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



initially limited for 3 years  
according to WissZeitVG  
Drittmittel



Your salary will be based on  
TV-L

### Your tasks

- You will work in close collaboration with the lab head and other team members on projects related to neuroinflammation in tauopathies
- You will design, conduct and analyze experiments and communicate your results in scientific publications and presentations
- You will organize and troubleshoot your work independently
- You will be involved in writing grants with the goal of your own third-party funding acquisition
- You will be involved in supervising undergraduate, graduate and PhD students

### Your profile

- You have a PhD degree in Biology, Biochemistry, Molecular Biology, Cell Biology, Neurosciences or a related field
- You are a motivated, enthusiastic team player, who can work independently in an international team
- You have excellent oral and written communication skills in English
- You have a strong interest in neuroinflammatory/neurodegeneration research
- You have profound knowledge of common techniques in cell biology, molecular biology and neuroscience such as primary cultures, Western Blot, ELISA and immunohistochemical stainings; additional experience with omics-approaches is a

### 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

CECAD is an inclusive, equal opportunity employer that offers attractive conditions and benefits commensurate with an international research organisation with a very collegial and family-friendly work environment.

The [Ising lab](#) is located in the CECAD Research building and as Junior Research Group part of the SFB 1403 on "Cell Death in Immunity, Inflammation and Disease" at the University of Cologne. We are investigating the role of cell death and senescence as contributors to the neuroinflammatory response in Alzheimer's disease and other neurodegenerative diseases collectively termed tauopathies. Our overarching goal is to identify underlying molecular mechanisms in tauopathies to ultimately contribute to the development of new

- plus
- You have proven experience with in vivo (mouse) work including a FELASA B or C certificate

Full applications should include curriculum vitae, a letter of motivation, certificates, expected availability date, a list of publications and 2 references.

therapeutic strategies. We are combining primary cell culture work with mouse models, which we analyze with a multitude of techniques including but not limited to Western Blot, flow cytometry, ELISA, immunohistochemistry, RNAseq, proteomics and behavior tests. The main focus for this position will be the role of microglial senescence in tauopathies.

## Our offer

- A multifaceted academic position in a highly stimulating and challenging research environment
- Work within a highly motivated and collegial team
- Multiple opportunities to broaden your scientific expertise
- Extensive advanced training opportunities
- A diverse working environment with equal opportunities
- Access to core facilities offering state-of-the-art technologies (see CMMC and CECAD facilities)
- Flexible working time models to support family life

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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[Uniklinik Köln Karriere](#)

Application deadline: 09.03.2025

Job-ID: fdsbr42k

[apply now](#)

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