

POSTDOC POSITION AVAILABLE (TV-L E13, m/f/x)
Hoppe Laboratory
Cellular Strategies of Protein Quality Control-Degradation (*CellularPQCD*)

starting 1 January 2025

CECAD-Cluster of Excellence in Aging Research, University of Cologne

The Hoppe lab (www.hoppelab.uni-koeln.de) is looking for postdoctoral fellows. We study the dynamic regulation of proteolytic pathways that integrate environmental and physiological changes to identify protein degradation networks that protect the proteome of the organism. In addition to providing new molecular insights into stress-induced adaptive mechanisms, the ERC funded research program *CellularPQCD* will lay the foundation for exploring the pathophysiology of aggregation-related neurodegeneration triggered by chronic protein damage.

Your tasks:

- Design and lead research projects to elucidate mechanisms of protein quality control and degradation of damaged proteins
- Organize and troubleshoot your work independently
- Communicate results and experiences with the team in a transparent and professional manner
- Advise and mentor undergraduate, graduate, and PhD students

Your profile:

- A Ph.D. in biology, biochemistry or a related field and experience in organismal biology are required
- Strong interest in protein quality control and aging research
- Highly intrinsically motivated, creative, dedicated, and critical thinker
- Ability to clearly communicate research results to other lab members and scientists
- Excellent oral and written communication skills in English
- Team player who can work independently in an international team
- Proactive, flexible, and problem-solving attitude

What we offer:

- A multifaceted academic position in a stimulating research environment, with multiple opportunities to broaden your expertise and where quality, professionalism and team spirit are encouraged.
- A full-time contract of up to 5 years on the recently awarded ERC Advanced project CellularPQCD
- The earliest possible start date is January 2025
- Salary will be in line with the university salary scale for postdoctoral researchers
- Opportunity to work at one of the most innovative universities and centers for aging research

How to Apply: Please send your CV, letter of intent, names, and addresses of references to Prof. Thorsten Hoppe, E-mail: thorsten.hoppe@uni-koeln.de