



Postdoc Position in Proteomics of Sleep Ludwig Maximilian University, Munich

A postdoc position is currently available in the research group of Maria Robles, Systems Chronobiology, at the LMU Munich, Germany. The position is associated to a SNSF funded [SINERGIA](#) collaborative project together with [Adamantidis laboratory](#). This multidisciplinary project aims to identify **molecular markers of brain activity during sleep** using a range of neurophysiological techniques (Adamantidis) and mass spectrometry (MS)- based quantitative proteomics (Robles) (see [doi:10.1126/science.aav2642](https://doi.org/10.1126/science.aav2642); [doi:10.1126/science.aav3617](https://doi.org/10.1126/science.aav3617)).

The Robles group employs a range of MS-based proteomics approaches to study molecular mechanism at the bases of circadian and sleep driven processes ([click here to learn more about the group](#)).

We seek a motivated, enthusiastic, and talented postdoctoral researcher with the following qualifications:

- Recent doctoral degree (biochemistry, bioinformatics or similar).
- Experience with high-throughput quantitative proteomics approaches; single cell proteomics and DIA methods skills are a plus.
- Expertise operating nanoLC-HPLC and Thermo Orbitrap instruments.
- Ability to perform large scale multi-omics data analysis and programming skills (such as R, Python).
- Excellent written and oral communications skills in English; proficiency in German is a plus.
- Able to work independently, interact with co-members of the research team as well as collaborators and aptitude to mentor graduate and undergraduate students.

We offer:

- Full 3-year postdoctoral position within the German public service scale (TV-L).
- Cutting edge instrumentations, excellent infrastructure, and core facilities.
- Close mentorship and opportunity to manage an international collaborative project.
- International and European networking with multidisciplinary academic and industry researchers.
- Excellent scientific environment in one of the top-ranked universities in Germany located in an international, vibrant and beautiful city.
- Support with family and work compatibility.

To apply:

Please send your application by **30.09.2023** (letter highlighting your fit to this position and a detailed CV with 2-3 references) to Maria Robles: crobles@med.lmu.de. Screening of applications will begin immediately, only selected applicants will be contacted for interview.