



Master thesis available

Systems Chronobiology

AG Prof. Robles at [Biomedical Center](#)

Our group studies circadian- and sleep-dependent molecular processes using mass spectrometry-based quantitative proteomics. We employ a wide range of molecular and biochemical approaches focusing on RNA, DNA, proteins and posttranslational modifications as well as cell culture methods and tissue handling. In addition, our group works with different data analysis software and bioinformatic platforms.

We are looking for highly motivated master students with skills in biochemistry, cellular biology and/or bioinformatics who are interested in **circadian biology and proteomics**. The student will work in one of our current research projects, for example:

- **Characterization of novel interactors of the core clock protein machinery on chromatin.**
- **Circadian regulation of mast cell function and allergic reactions.**
- **Circadian function and pancreatic ductal adenocarcinoma (PDAC).**

We offer direct supervision by a senior PhD student or postdoc, as well as training in experimental planning, biochemical, molecular and quantitative proteomics methods within an international group of researchers.

If you are interested, please send a cover letter, CV and, if available, references to crobles@med.lmu.de.

Visit our website for more information about our research and the members of our international team:

<https://www.med.lmu.de/imp/en/research-groups/robles-lab-sytems-chronobiology/>