



Master thesis available

Systems Chronobiology

Institute of Medical Psychology and BMC, LMU

Our research group studies circadian and sleep dependent molecular processes using mass spectrometry-based quantitative proteomics. We employ a wide range of molecular and biochemical approaches focused on RNA, DNA, proteins and posttranslational modifications as well as cell culture methods and mammalian 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 bioinformatic who are interested in circadian biology and proteomics. The student could work in one of our current research projects:

- **Functional validation of interactors of the core clock protein machinery at the chromatin.**
- **Role of post-translational modifications in core circadian clock proteins.**

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

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

<https://www.imp.med.uni-muenchen.de/research-groups/robleslab/index.html>