

The Institute of Functional Epigenetics (IFE) focuses on understanding the epigenetic mechanisms whereby cells and organisms integrate metabolic signals, establish cellular memory, and regulate plasticity. We use cutting-edge methods (multi-omics, single cell, live cell imaging, modelling, chromatin biochemistry as well as various developmental, stem cell and cell biology systems) to predict, observe, and manipulate epigenetic processes. <https://www.helmholtz-muenchen.de/ife>

The **Schneider group** is recruiting a PhD student to work on the interphase between **chromatin biochemistry, epigenetics** and **cellular metabolism**. The applicant should have experience in the fields of epigenetics *or* cellular metabolism and be motivated to develop and drive the project. The successful candidate will address central questions in epigenetics: what are the mechanism underlying the **cross-talk between cellular metabolism and chromatin states** ? How does **chromatin respond to metabolic disturbances** ? How is transcriptional output controlled through metabolic enzymes?

The applicant will implement a combination of *in vitro* and *in vivo* approaches, including different “omics” techniques. He/she will benefit from a vibrant scientific environment as well as the strong epigenetics and chromatin community within the CRC , at epigenetics@HMGU and in the Munich area.

Our Offer:

- Scientifically stimulating environment with excellent facilities and vibrant chromatin community
- To work in an interdisciplinary team of motivated people from around the world
- Extensive professional development opportunities and career-building programs

Curious ?

Please submit your application including a cover letter, detailed CV, copies of your certificates, and contact details of 3 referees via the online application tool at www.sfb1064.med.uni-muenchen.de/now-hiring/

For further questions or inquiries, contact robert.schneider@helmholtz-muenchen.de