



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

DEPARTMENT OF CHEMISTRY
INSTITUTE OF CHEMICAL EPIGENETICS (ICE-M)



PhD Opportunity (m/w/d)

ABOUT US:

We are a young and motivated junior research group at the Institute for Chemical Epigenetic Munich (ICE-M), located at the Campus Martinsried in Großhadern, Munich.

Our research focuses on the molecular mechanism by which DNA modifications i.e., 5mC, 5hmC, 5fC and 5caC impact on chromatin structure and gene expression. We are particularly interested in the dynamic processes that drive cellular (trans)differentiation, (re)programming and disease.

We are utilizing third-generation sequencing and develop novel tools (wet-lab and computational) to enable highly sensitive and accurate detection of DNA modifications on a long-read, single-molecule basis.

WE ARE LOOKING FOR:

A highly motivated PhD student (m/w/d) to study epigenetic gene-regulatory mechanisms using third-generation sequencing technologies at the ICE-M in Munich in the course of the CRC1309 funded by the DFG.

YOUR QUALIFICATIONS:

- You hold a master's degree in chemistry, biochemistry, biology, biotechnology or any related disciplines.
- You are highly motivated, enjoy working in a team, are self-organized and can work independently

YOUR BENEFITS:

We offer you to

- work in a young, enthusiastic and interdisciplinary team,
- learn a diverse range of laboratory- and computational techniques,
- work in a brand new, state-of-the-art research institute, in an international environment
- take part in various education courses organized by LMU and CRC1309.

CONTACT:

Please send your written application directly to Dr. Pascal Giehr. Your application should contain a brief statement of your research interest and motivation to apply for this position, CV, as well as the contact information of at least one reference. Application deadline: 24.07.2022

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