



FMP | ROBERT-RÖSSLE-STR. 10 | 13125 BERLIN

LEIBNIZ INSTITUT
FÜR MOLEKULARE
PHARMAKOLOGIE

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25 November 2019

Position for MSc student in Molecular Cell Biology / Biochemistry

11/2019

The Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) is a non-university research institute that conducts basic research in molecular pharmacology and is legally represented by the Forschungsverbund Berlin e.V. (FVB). As a member of the Leibniz Association the FMP is jointly funded by the Federal Republic of Germany and its States.

The research group of Prof. Volker Haucke (Department of Molecular Pharmacology & Cell Biology) offers

a position for an MSc student to conduct thesis work in molecular cell biology and/ or biochemistry

starting **1 January 2020** (or later). The group studies the role of lipid signaling in the integration of membrane dynamics and cell metabolism with a focus on the endo-lysosomal system. We use an interdisciplinary approach that combines genome engineering (e.g. via CRISPR/ Cas9) and genetics with optical imaging and cell biological, biochemical and proteomic studies in a variety of cellular and animal models (selected recent publications from the group on this topic: Posor et al (2013) Nature 499:233-237; Ketel et al (2016) Nature 529: 408-412; Marat et al. (2017) Science 356: 968-972; Wang et al (2018) Mol Cell 71: 343-351.e4; Wallroth et al (2019) Nat Cell Biol 21: 1093-1101; Ebner et al (2019) Biochem Soc Transact 47: 1173-1185 for a review on the topic). For further information: www.leibniz-fmp.de/haucke.

The project is focussed on the identification and functional analysis of novel lipid-binding effector proteins that couple lysosomal membrane dynamics with nutrient signaling and involves a multidisciplinary approach including proteomics, live imaging, cell biology, biochemistry, and genetics.

Qualification

Applicants should hold be enrolled in a master's program in biochemistry, molecular biology,

molecular medicine or alike. Candidates with a strong interest in molecular cell biology/ biochemistry and in proteomics or microscopical imaging techniques are especially encouraged to apply. A good command of the English language and a high personal motivation to excel in science are required. We offer a stimulating environment in an international research group.

Salary

MSc students will receive a limited salary during the period of their thesis work.

How to Apply

Please send your application including CV and the names and contact information of 2 referees before 15 December 2019 to Prof. Volker Haucke (haucke@fmp-berlin.de) or Dr. Michael Ebner (ebner@fmp-berlin.de).