

External job advertisement Reg.-Nr. 7-126/21-H

The Medical Faculty of the Martin-Luther-University Halle-Wittenberg, Clinic for Internal Medicine IV (Universitätsklinik und Poliklinik für Innere Medizin IV) offers the position of a

Graduate student (PhD) (m-f-d)

From 01.09.2021 for a period of 3 years in a part-time appointment (65%).

The salary will be in accordance with salary class 13 TV-L, pending classification based on individual qualifications.

The position is part of the consortium „Novel targets and Immunotherapies for Endocrine Neoplasms“, a newly established research unit funded by the Medical Faculty. The candidate will work on a project on tumor biology in the group of Prof. Dr. Mascha Binder, Clinic for Internal Medicine IV. The unique and strong interdisciplinary network of clinical scientist and basic researchers within the consortium and the close cooperation with the group of apl. Prof. Dr. Lutz Müller (KIM IV) for the specific project will enable excellent training during the doctoral thesis.

Tasks:

- Participation in a research project funded by the Wilhelm Roux program of the MLU with the aim of obtaining a doctoral degree. As part of the project, immunological therapeutic approaches (including CAR T cell therapy) for thyroid carcinomas are to be developed.
- Use of standard methods of cell, molecular biology and biochemistry (cell culture, Western blotting, qPCR, recombinant expression) as well as next generation sequencing, random peptide and antibody phage display and in-vitro testing of CAR T cells.
- Presentation of the results at national and international congresses and participation in the preparation of scientific manuscripts.

Requirements:

- degree (Diplom/Master) in life sciences (Biology, Biochemistry, Molecular Medicine or equivalent)
- specific knowledge in tumor biology und experience in methods of cellular and molecular biology desirable
- experience in bioinformatics beneficial
- curiosity and passion for cancer research
- ability to learn new methods as well as to independently plan and carry out experiments using established methods
- ability to work in a team with diverse backgrounds
- high degree of responsibility for the progress and quality of the project
- solid language skills both in written and spoken English

We offer:

The project work and doctoral thesis are carried out in a young team of the closely collaborating groups of Prof. Binder and Prof. Müller in an atmosphere driven by scientific curiosity and quality. It is embedded in a setting of high scientific competency, structured teaching, short lines of communication and flat hierarchy. For all planned work, the necessary equipment and methods are available and established.

Seminars, lab meetings und journal clubs are regularly performed. Participation in Graduate programs of the Medical Faculty are encouraged and supported.

The Martin-Luther-University Halle-Wittenberg gives priority to applications from severely disabled candidates with equivalent qualifications. Women are particularly encouraged to apply.

For further information, please contact Prof. Dr. Mascha Binder, E-Mail: innere4@uk-halle.de, Tel.: 0345 55 7-2924.

Please submit your application including letter of motivation, curriculum vitae, certificates, contact details of two references and the Registration Number 7-126/21-H until 31/07/2021 to the Medical Faculty of the Martin-Luther-University Halle-Wittenberg, Clinic for Internal Medicine IV (Universitätsklinik und Poliklinik für Innere Medizin IV), Ernst-Grube-Str. 40, 06120 Halle (Saale).

An electronic application (in a single PDF file) to Prof. Dr. Mascha Binder innere4@uk-halle.de is welcome.

This job vacancy may be subject to budgetary restrictions.

The Martin-Luther-University Halle-Wittenberg will not reimburse application expenses. Written documents will only be returned if the applicant provides a self-addressed and stamped envelope.