External job advertisement Reg.-Nr. 7-127/21-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)

beginning 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 entitled "Improving targeted drug therapy in ATC: In-vivo synthetic lethality screens". The project is performed within a unique and strong interdisciplinary network of clinical scientist and basic researchers within the consortium and in close cooperation with the Clinic for Pediatrics I. It 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. The project intents to perform synthetic lethality screens in anaplastic thyroid cancer cells using shRNA/CRISPR based libraries to identify new targets in order to develop new therapy approaches.
- Use of standard methods of cell, molecular biology and biochemistry (cell culture, lentiviral transduction, Western blotting, qPCR), handling with shRNA/CRISPR based libraries, bioinformatical analyses, experimental therapeutic approaches in vitro / in vivo.
- 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 celluar 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 Dr. Thomas Müller (Clinic for Internal Medicine IV) and Prof. Dirk Heckl (Clinic for Pediatrics I) 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 Dr. Thomas Müller, E-Mail: innere4@uk-halle.de, Tel.: 0345 557-2924.

Please submit your application including letter of motivation, curriculum vitae, certificates, contact details of two references and the Registration Number 7-127/21-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 Dr. Thomas Müller 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.