

External job advertisement Reg.-Nr. 7-129/21-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 TV-L E13, pending on individual qualifications.

The position:

is part of the consortium „„Novel targets and Immunotherapies for Endocrine Neoplasm“, funded by the Medical Faculty. The candidate will work on the project “Multi-omics approaches to characterize rare and pediatric endocrine tumors and to identify biomarkers for treatment response”. This project is performed within a strong interdisciplinary network of clinical scientist and basic researchers within the consortium including partners from the Clinic for Internal Medicine IV, Clinic for Pediatrics I and the Institute for Pathology. This will enable an excellent interdisciplinary training during the doctoral thesis.

Tasks:

- planning and realization of research using patient derived samples to identify novel target structures
- performing state of the art Next Generation Sequencing methods (whole exome sequencing, RNA-seq or 10 X genomics single cell seq) using patient derived samples to identify novel therapeutic targets and biomarker
- validation of the markers by classical histological analysis, by liquid biopsy and ELISA
- communication and collaboration with other partners of the consortium
- presentation of data on national and international meetings and publication in scientific journals
- goal of the position is the doctoral thesis (PhD / Dr. rer. nat. or Dr. rer. medic.)

Requirements:

- degree (Diplom/Master) in life sciences (Biology, Biochemistry, Molecular Medicine or equivalent)
- specific knowledge in tumor biology and experience in methods of cellular and molecular biology desirable
- experience in bioinformatics is beneficial
- driven by curiosity and passion for a work in the field of tumor research
- strong communication and collaborative skills and an interest in working in an interdisciplinary environment
- proficiency in spoken and written English

We offer:

The project work and doctoral thesis are carried out in collaboration with Clinic for Internal Medicine IV, Clinics for Pediatrics I and the Institute for Pathology. We offer an exceptional research environment, including state-of-the-art equipped laboratory facilities, robust analytical pipelines, access to unique patient samples, and outstanding core facilities and scientific expertise in genomics, cancer biology, statistics, and computer science.

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 PD. Dr. Bayram Edemir, 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 7-129/21-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 PD Dr. Bayram Edemir 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.