



In the Research Training Group 2158 „Natural Products and Analogues against Therapy Resistant Tumors and Microorganisms: New Lead Structures and Modes of Action“ within the Faculty of Mathematics & Natural Science and the Faculty of Medicine of the Heinrich-Heine-University Düsseldorf, Germany,

12 PhD student positions

(65 % salary scale 13 TV-L)

are to be filled starting October 1st 2019. The employment is initially limited until March 31th, 2021 with an option for prolongation until September 30th, 2022 contingent approval by the funding bodies. It is a qualification position in the sense of the Act of Academic Fixed-Term Contract (Wissenschaftsvertragsgesetz - WissZeitVG), which is to promote the scientific qualification of the employee.

The RTG 2158, funded by the German Research Foundation, addresses the fundamental question how tumors or humanpathogenic microorganisms that have become resistant against currently used cytostatic drugs or against antibiotics can be controlled by new antitumor drugs or by new antibiotics that are able to overcome existing resistance mechanisms. Resistance mechanisms of tumors and microbial pathogens show functional similarities. A combined study of antitumor and of antimicrobial activities will thus lead to a scientific added value. In the Research Training Group 2158 this scientific added value is made possible by an intensive exchange of research expertise of working groups in the fields of pharmacy, chemistry, microbiology, immunology and tumor biology. Natural products and analogues from stress-exposed and barely investigated organisms such as endophytes or marine macroorganisms will serve as pool for lead structure identification and subsequent functional characterization to reveal mode-of-action and resistance mechanisms.

We are looking for talented, highly motivated applicants holding a master's degree or a state degree in pharmacy, biology, chemistry, biochemistry or in a related discipline.

For detailed information about the individual projects, the application procedure and required application documents as well as our graduate training programme, please visit <http://www.grk2158.hhu.de>.

The pay scale grouping will be, depending on the personal qualification of the applicant, up to pay grade 13 TV-L. In principle, the employment can also take place part-time, if no compelling official reasons are opposed in an individual case.

Heinrich Heine University Düsseldorf aims at increasing the percentage of employed women. Applications from women will therefore be given preference in cases of equal aptitude, ability and professional achievements unless there are exceptional reasons for choosing another applicant. Applications from suitably qualified severely disabled persons or disabled persons regarded as being of equal status according to Book IX of the German Social Code (SGB – Soziales Gesetzbuch) are encouraged.

Your contact person in case of questions is Dr. Martina Holz; E-Mail: grad2158@uni-duesseldorf.de.

Please submit your application documents (for information visit <http://www.grk2158.hhu.de>) citing **reference no. 115T19-3.1** until **28.04.2019**

preferably by email to:
grad2158@uni-duesseldorf.de

or in writing to:
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