

The Research Training Group **2578 “Impact of genotoxins on the differentiation of murine and human stem and progenitor cells and functional competence of thereof derived differentiated progeny”** located at the Heinrich-Heine-University Düsseldorf, Germany, and funded by the German Research Foundation (DFG) has a call for

11 positions for doctoral researchers / PhD students (m/w/d)
(65% salary scale 13 Tv-L)

to be filled starting January, 1st 2021. The employment is initially limited for a period of 3 years. The positions are qualification positions according to the Act of Academic Fixed-Term Contract (Wissenschaftszeitvertragsgesetz – WissZeitVG), which is to promote the scientific qualification of employees.

The RTG 2578, funded by the DFG, addresses fundamental aspects regarding the stability of genetic information of stem and progenitor cells, which is essential for their correct differentiation and function. Metabolites, environmental mutagens or anticancer drugs cause DNA damage and thereby promote genetic instability which is the cause of numerous diseases. Within the frame of the RTG 2578, stress responses of stem and progenitor cells following exposure to toxic substances, which cause permanent alterations in the genetic information, will be investigated. The subject of analyses will be both early stress responses of stem/progenitor cells to DNA damaging substances as well as the impact of genotoxins on the development and the function of progeny cells.

We are looking for talented and highly motivated applicants with a master degree (MSc) or a state examination in a natural science discipline such as biology, biochemistry, toxicology, molecular medicine, pharmacy or a related discipline. The PhD students will participate in a centrally organised study program and will perform individual research under the guidance of their supervisors.

For detailed information about the RTG 2578, the research projects, application procedure and the required documents, please visit the following website: www.grk2578.hhu.de.

The pay scale grouping will be, depending on the personal qualification of the applicant, up to salary scale 13 TV-L.

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.

Contact person in case of questions: grk2578@uni-duesseldorf.de.

Please submit your application documents to our [online application portal](#) (reference no 344E/20) within 2 weeks after publication of this job advertisement. Please do not send applications by post or e-mail. These are generally not accepted.

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