

## Job posting

### Type of position

  

scientific  
administrative

### Target group

  
  

graduates  
post docs  
other

### Title

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”

### Institution

Institute of Toxicology, Universitätsklinikum Düsseldorf,  
Moorenstr. 5 D-40225 Düsseldorf

### Position

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

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.

### Responsibilities

The PhD students will participate in a centrally organised study program and will perform individual research under the guidance of their supervisors.

### Requirements

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.

**Application  
procedure  
(deadline etc.)**

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](http://www.grk2578.hhu.de).

**Contact**

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