The Institute of Toxicology of the University Medical Center Mainz at the Johannes Gutenberg University Mainz

seeks to appoint a

Postdoctoral Researcher (E13, 50%)

The Institute of Toxicology at the Medical Center of the University Mainz invites applications for a 50% postdoctoral position. Motivated scientists with a PhD degree in biology, molecular biology, biochemistry, genetics, cell biology or toxicology are encouraged to apply.

The successful applicant will work on the project “DNA damage & repair assays” within the SFB 1361, a research consortium on the topic of "Regulation of DNA Repair and Genome Stability". Funding is currently available until the end of 2022, with the potential to be extended for an additional 4+ years.

Tasks will include both practical and administrative aspects of this project, including:

- overseeing the practical work of a technical assistant on a day-to-day basis
- collaborating with the researchers of the consortium by performing experiments based on immunohistochemistry and immunofluorescence microscopy as well as various DNA repair activity assays (e.g. the traffic light reporter assay and an oligonucleotide based BER assay), South-Western analyses, comet assays and quantification of DNA methylation
- establishing and maintaining the SFB-wide knowledge and reagents databases and liaise with the other members of the consortium to gather the information required to fill these databases.

Candidates with experience in DNA repair assays are preferred but applicants lacking this experience will not be excluded from consideration. The candidate has to have a good working knowledge of English.

The deadline for the submission of applications is 28 February 2019. The candidate will start the position at the earliest possible time. Interested
candidates should submit their full application documents including two letters of recommendation to the secretary office of the Institute of Toxicology (pvinhais@uni-mainz.de).