



## **Position Opening**

### **PhD student or postdoc position (m/f/d) in the field of Reproductive Epigenetics**

at the Institute of Human Genetics, University of Würzburg. The position is to be filled as soon as possible on a fixed-term basis in accordance with the WissZeitVG for two years with the possibility of an extension. PhD students get 65 % and postdocs 100 % based on the collective agreement for the public service of German federal states (Tarifvertrag für den öffentlichen Dienst der Länder TV-L).

In mammals, the paternal and maternal genomes undergo parent-specific methylation reprogramming in the germ line and early embryogenesis. Stochastic and/or environmentally induced epigenetic changes in germ cells and early embryos may form a main source of phenotypic variation between individuals and between species. Moreover, epigenetic changes induced by adverse exposures during development provide a link between early life conditions and health outcomes later in life. The group of Prof. Haaf analyzes the effects of parental factors (in particular age), periconceptional and intrauterine factors on the epigenome of germ cells and the resulting offspring. Moreover, we are interested in the role for rDNA copy number and methylation in aging and age-related pathologies.

A background in epigenetics, experience with next generation sequencing techniques and data analyses, as well as bioinformatic knowledge are of advantage.

The JMU aims to reduce the underrepresentation of women and therefore explicitly encourages qualified women to apply.

Severely handicapped applicants will be given preferential consideration in the case of broadly equal suitability, ability and professional achievements.

Please send your convincing application and supporting documents (CV and publication list) – preferably by email – to: [sekretariat-humangenetik@uni-wuerzburg.de](mailto:sekretariat-humangenetik@uni-wuerzburg.de)

The closing date for applications is November, 12th 2023.



Please send copies of documents only. For cost reasons, application documents cannot be returned. Documents will be destroyed as soon as the selection procedure has been completed. If you enclose a postage-paid envelope, the application documents will be returned to you by three months after the end of the selection procedure.