



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

at the Institute of Human Genetics, Biocenter, University of Würzburg. The position is to be filled on a fixed-term basis in accordance with the WissZeitVG for two years with the possibility of an extension.

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.

For online application, please send your letter of intention including CV, publication list and references to [thomas.haaf@uni-wuerzburg.de](mailto:thomas.haaf@uni-wuerzburg.de)