



PhD student position – Genetic causes of DNA instability syndromes

The Department of Human Genetics (University of Würzburg) is looking for a highly motivated PhD student to work on a BMBF-funded project aimed to identify genes involved in cellular sensitivity toward DNA interstrand crosslinking agents.

Our lab on Genomic stability is located at the Biocenter and has a specific focus on DNA repair defects and rare chromosome instability syndromes, especially Fanconi anemia (FA). For a detailed understanding it is important to link genetic findings with cellular functions. This could be achieved by different methods like cellular sensitivities, model systems, protein interaction, etc.

Project description

The offered position aims to identify and characterize new genes involved in syndromes associated with DNA repair defects and cancer. You will be expected to prove the initial findings of a genetic screen by molecular techniques and develop new model systems with some guidance.

Whom we are looking for

We are looking for highly motivated and skilled candidates with a degree (Master) in Biology or related subjects who are interested in driving a project forward. An interest in human genetics and DNA repair mechanism together with a solid background in molecular biology proven by an excellent track-record is desirable.

Contract/ payment

The appointment will be on a two-year contract that can be renewed. Payscale will be according to Tarifvertrag für den öffentlichen Dienst der Länder (Collective Agreement for the Public Service of German Federal States, TV-L, level E13 – 50% to 65%).

JMU is an equal opportunity employer. As such, we explicitly encourage applications from qualified women. Severely handicapped applicants will be given preferential consideration when equally qualified

For further information please contact Dr. Reinhard Kalb: R.Kalb@uni-wuerzburg.de

Application

Please send your application and your CV together with your documentation (application letter, CV, diploma, a statement with research areas and topics that are of interest) to **Ruth Walther** (ruth.walther@uni-wuerzburg.de, 0931 31-84070)