

The **Center for Regenerative Therapies Dresden (CRTD)**, an institute of the **Center for Molecular and Cellular Bioengineering**, is one of the leading centers for Regenerative Medicine in the world. It is the interface between fundamental research and clinical application. The target of the CRTD is to explore the self-healing potential of the body and to develop completely new regenerative therapies for previously incurable diseases. The research focuses are Haematology and Immunology, Diabetes, Neurodegenerative Diseases, Osteochondral replacement, Cardiovascular Diseases. Thereby, one of the core tasks is the technology transfer that is realized through a complex technology platform. Here you can find more information about the technology platforms <http://biotp.tu-dresden.de/biotechnology-platform/>.

The junior research group of Dr Maximina Yun, **Regeneration of complex structures in adult vertebrates** is offering a position, start date **01.10.2017** as

#### **Biological-Technical Assistant**

(Subject to personal qualification, employees are remunerated according to salary group E 7 TV-L)

The employment contract is offered initially until 31.12.2018 with a possibility of extension (time limitation pursuant to TzBfG). Balancing family and career is an important issue. The post is basically suitable for candidates seeking part-time employment.

The major aim of the group's research programme is to understand the molecular and cellular mechanisms underlying regeneration of complex structures in adult vertebrates, using salamanders (newts and axolotls) as model systems. The group uses a broad range of molecular, genetic, biochemical and imaging techniques to investigate regenerative processes. The new assistant will be responsible for general lab organisation and management while actively contributing to research projects, including projects of his/her own.

**Tasks:** day-to-day lab management and organisation; generation of constructs for expression/transgenesis/CRISPR; basic salamander husbandry and procedures; tissue culture of salamander cells; development and optimization of new protocols and techniques; training other group members in lab technologies and protocols.

**Requirements:** qualification as Biological-Technical Assistant or adequate; expertise in molecular biology and cell culture; excellent knowledge and experience in experimental laboratory work; working knowledge of English (written & oral); strong background in experimental design; capacity for working independently; excellent interpersonal and organisational skills; will to work in an international team within a highly collaborative environment. Experience in transgenesis and/or amphibian research would be an asset.

Applications from women are particularly welcome. The same applies to people with disabilities.

We kindly ask you to send your application documents until **08.09.2017** (stamped arrival date applies) preferably via Email in one single PDF file to [jana.fischer2@tu-dresden.de](mailto:jana.fischer2@tu-dresden.de) (Please note: We are currently not able to receive electronically signed and encrypted data) or to: **TU Dresden, CRTD, Frau Jana Fischer, Fetscherstraße 105, 01307 Dresden**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.