

The Institute of Anatomy, TU Dresden, Germany is currently accepting applications for a:

Research Assistant (PhD student position)

Summary

Cancer Neuroscience is a new emerging research field aiming to identify new therapeutic targets for cancer treatment. In this line, the SFB 1292 funded project "Modulation of glioma-neuron networks by immune cells in malignant brain tumors" investigates molecular and cellular mechanisms driving neuron-cancer interaction and cancer progression. By using state of the art imaging and "omics" approaches, you would study progression of glioblastoma in different genetic mouse models and how tumor progression dynamically acts on the surrounding microenvironment composed of neuronal and non-neuronal cells.

We offer :

- a >3-year structured PhD program with interdisciplinary thesis research,
- a vibrant, collaborative scientific environment,
- supervision and mentorship by a team of internationally renowned experts,
- State-of-the-art research facilities and
- advanced training opportunities (scientific, skills, career) in English.

Who we are looking for :

- highly motivated and curious applicants that want to connect basic research with translational perspectives in an encouraging international and interdisciplinary scientific environment
- candidates should have a strong interest in neuroscience and glioblastoma research
- experiences with in vivo imaging, RNA-seq and/or mouse surgery is advantageous but not mandatory

How to apply :

Please use the application system: digs-bb.de/schmidt

Start date: *as soon as possible* or upon agreement

contact information:

Prof. Mirko HH Schmidt, MD, PhD
Director
Institute of Anatomy
Faculty of Medicine Carl Gustav Carus
Technische Universität Dresden
Fetscherstr. 74
D-01307 Dresden
GERMANY

Tel.: 0049 351-458-6110
Fax: 0049 351-458-6303
<https://tu-dresden.de/med/mf/ana>