

**Research Assistant Position  
German Centre for Diabetes Research  
Dresden**

A Research Assistant position is available in the research group of Professor Anthony Gavalas. The group investigates the role of signaling pathways and cellular metabolism in the late stages of endocrine pancreas development, their application in the conversion of human pluripotent stem cells (hPSCs) into mature pancreatic pancreatic islet cells (SC-islet cells) and the function of adult pancreas progenitor cells (<https://www.digs-bb.de/research/research-groups/anthony-gavalas/>).

The successful candidate will have a M.Sc. degree in Biology or related disciplines, extensive experience in human pluripotent stem cell culture and differentiation, strong molecular and cell biology background and very good organizational skills.

The Research Assistant will be a central person in a collaboration project with several labs in the TU-Dresden campus that investigate the molecular mechanisms implicated in human islet development, maturation, physiology and clinical transplantation. The long-term goal is to develop procedures suitable for diabetes cell therapy. Besides hPSC culture and differentiation the Research Assistant will be involved in the molecular analyses (RT-qPCR and flow cytometry) of differentiated cells as well as functional analyses of SC-islet cells (static and dynamic GSIS assays and Ca<sup>2+</sup> imaging).

The salary will be according to the TV-L scale 9/10 commensurate with experience and qualifications. The contract will be initially for one year with renewal upon mutual agreement. Applicants are requested to submit their application in <https://www.uniklinikum-dresden.de/de/jobs-und-karriere/stellenangebote/wissenschaft/research-assistant-f-m-x-1>

The application should include their CVs along with names and emails of at least two referees before June 11, 2023.