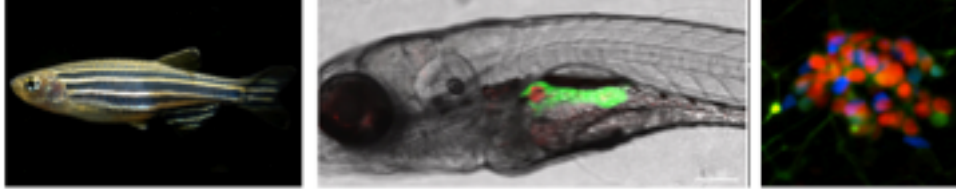


Master Thesis in Biomedical Science



Beschreibung / Description

We are searching for highly motivated candidates to contribute to an exciting project funded by the Austrian Research Foundation (FWF).

This project addresses metabolic mechanisms affecting the pancreatic islet and glucose regulation, making use of our group's established zebrafish model of diabetes. The goal of this project will be to define tissue-specific changes in the activity of important metabolic regulators during the onset and progression of diabetes, and their roles in systemic pathologies. New insights have relevance for the development of novel therapeutics for diabetes therapy.

Methods to be applied include high-resolution in vivo microscopy, quantitative image analysis, immunohistochemistry, and biochemical assays.

Anforderungen / Qualifications

Candidates should have completed their Bachelor degree in molecular biology or a related field, and be enrolled in the Masters program. Experience in one or more of the following areas: biochemistry, molecular biology, in vivo microscopy, and/or image analysis is preferred. Previous work with vertebrate model organisms is highly desirable. Candidates must have good English communication skills, be highly organized and able to work independently.

Wir bieten / We offer

We offer the opportunity for a Master Thesis project in clinically relevant basic biomedical research. This is a chance to gain experience in cutting-edge research, within a friendly and supportive environment. Students are expected to invest 10-12 months in the project. Six months (at least) will be reimbursed as "Geringfügige Beschäftigung." The project is available to start from February 2022.

Bewerbungen / Application

For more information or to apply, please contact:

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