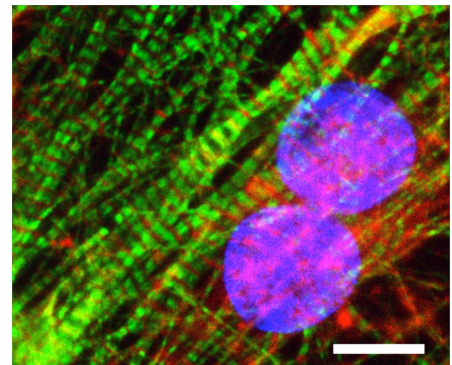


Topic: Studying ageing in human iPSC-derived cardiomyocytes and organoids

The research centre VASCage / University of Innsbruck is looking for master students to join the project “Modelling vascular ageing”. VASCage is unique in its focus on vascular ageing and stroke. We develop innovative intervention strategies for early prevention, diagnosis, therapy, and rehabilitation. The project “Modelling vascular ageing” aims to develop iPSC-based ageing systems for functional analysis of age-related mechanisms with subsequent phenotyping and drug screening.



What you can expect

The successful candidate will gain deeper insights into state-of-the-art stem cell culture (iPSCs, organoids, etc.), work on studying cell biological aspects of vascular ageing, and/or characterization of cardiomyocytes including genome-wide analyses. The thesis project can be completed within 6 months if required.

Who we are looking for

Applicants should hold a BSc degree and be enrolled in a master’s programme (molecular medicine, molecular biology or equivalent in biological or medical science). We value motivation and inner drive, and specifically encourage applicants with previous experiences in human tissue culture/stem cell biology to apply. Start of the Thesis is expected between July – September 2020.

How to apply

If you are interested, please send your application to frank.edenhofer@uibk.ac.at including a CV, transcript of records and a few sentences about your main scientific interests.