

MASTER STUDENT POSITION

IMBA - Institute of Molecular Biotechnology is one of the leading biomedical research institutes in Europe focusing on cutting-edge functional genomics and stem cell technologies. IMBA is located at the Vienna BioCenter, the vibrant cluster of universities, research institutes and biotech companies in Austria. IMBA is a basic research institute of the Austrian Academy of Sciences, the leading national sponsor of non-university academic research. We are offering an exciting opportunity for a Master Student.

to join the IMBA Stem Cell Core Facility (ISCCF) in collaboration with the Mendjan lab. The goal of the facility is to provide expert service in cutting-edge stem cell technologies, train researchers, and implement standard workflows to support and facilitate stem cell research. The Mendjan lab studies human cardiac malformations employing recently developed stem cell-derived cardiac organoids, termed cardioids (Hofbauer et al., bioRxiv, 2020). We are recruiting a highly motivated, enthusiastic, and technically competent student to work on genome editing technology development that can be applied for studies on human heart defects and in general disease modelling using stem cells.

The ideal candidate should have ideally:

- Experience in molecular biology techniques and workflows with experience in gene editing applying CRISPR/Cas technology
- Experience in advanced cell culture techniques (e. g. primary cells/pluripotent stem cells)
- Ability to work both independently and as part of a team
- Good organizational, analytical and communication skills
- Proficiency in verbal and written English and good communication skills

Our offer:

The successful candidate will receive training in a broad range of topics including cloning, CRISPR/Cas9 genome editing, stem cell culture and organoid generation and analysis.

Closing date for applications: September 30th, however applications will be considered and reviewed on an on-going basis and therefore the post may be filled before the deadline. Applications should include a copy of CV and cover letter and addressed to:

Dr. Sofia Aligianni, Dr. Jennifer Volz, and Dr. Sasha Mendjan

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