POST-DOCTORAL POSITION AVAILABLE
AT THE MOLECULAR MEDICINE LABORATORY OF THE INTERNATIONAL CENTRE FOR GENETIC ENGINEERING AND BIOTECHNOLOGY (ICGEB)

Job description

Key objectives of the post
The incumbent will establish iPS cells from patients, apply methods for their differentiation into cardiomyocytes, develop technologies for the generation of engineered myocardial tissue in vitro and study the properties of the cells and structures that will be obtained. A specific goal of the project is to use the established iPS cell platform to develop innovative technologies for CRISPR/Cas9 genetic editing of inherited cardiac mutations.

This post will be offered on a fixed-term contract until 3 years

Skill, knowledge and experience
PhD or equivalent degree in Medicine, Biophysics, Biological Science or other related fields.
Previous research experience in molecular and cellular biology.
Experience in the generation of iPS cells, electrophysiology, work in animal models of cardiac disease an asset.

Contact details
Candidates should send their CV together with a cover letter and contact details to matteo.dalferro@asugi.sanita.fvg.it and francesca.bortolotti@icgeb.org. Evaluation of the applications will begin as they are received and will continue until the position is filled.