

Master Position

We offer a Master position at the University's Children Hospital Zürich, Division of Hematology.

The main aim of the Master project is to investigate the autophagy- and apoptosis-induced mechanisms underlying the pathogenesis of Immune Thrombocytopenia (ITP) in platelets and, comparatively, in megakaryocytes. ITP is an autoimmune bleeding disorder characterized by a low platelet count and a generally mild but on rare occasions life threatening bleeding tendency. The long-term goal of our research is to identify diagnostic markers and therapeutic targets for the prevention of chronicity and the treatment of ITP.

Your responsibilities

The successful candidate will become a member of a young and dedicated team focusing on platelet research. The project will offer plenty of opportunities to network with other national and international research groups.

You will use various molecular pathology laboratory techniques (e.g., qRT-PCR, immunofluorescence, confocal microscopy, Western blotting, RNA interference, RNA sequencing, mRNA vectors) and *in vitro* cell culture systems.

Requirements

We are looking for a highly motivated biologist or MD master level candidate with a keen interest and basic background and hands-on experience in molecular biology techniques. The ideal candidate is fluent in English and masters the German language at least at B2 level (not mandatory).

We offer

We offer a cutting-edge research project investigating molecular mechanisms underlying the pathogenesis of ITP. You will be part of a young and dedicated research team with access to the up-to-date facilities at the University of Zürich.

This position is immediately available or as established by mutual agreement.

Application

Please send your application as a single pdf document including a motivation letter, CV and reference letters by email to Dr. Francesca Franzoso, PhD (Francesca.franzoso@kispi.uzh.ch).