



Ente Ospedaliero Cantonale



Università
della
Svizzera
italiana

Research Laboratory Technician

The laboratory of Dr. Giandomenica Iezzi, within the Department of Surgery, Ente Ospedaliero Cantonale (EOC) and Università Svizzera italiana (USI), Lugano, Switzerland, led by Prof. Pietro Majno-Hurst, is recruiting a **research laboratory technician**.

Our group is interested in understanding dynamics of tumor-immune system interaction in human gastrointestinal cancers and their modulation by gut microbiota (Cremonesi et al, *Gut* 2018; 67:1984; Governa et al, *Clin Cancer Res* 2017, 23:3847, Amicarella et al, *Gut* 2017, 66:692).

Your tasks

The candidate will be responsible for the establishment and management of our new research laboratory, located at the Institute for Research in Biomedicine, in Bellinzona.

S/he will:

- organize laboratory reagents, material, and databases,
- be responsible for instruments maintenance,
- assist *ex vivo* and *in vitro* studies involving the use of clinical specimens,
- contribute to the set-up of innovative mouse models and to the performance of *in vivo* studies.

Your profile

You possess a degree (Professional Bachelor/Master) in Biomedical or Biological Sciences or equivalent, with significant experience as research technician/assistant in life sciences.

Required skills:

- Excellent background in cell biology
- Experience in tissue handling processing and banking, and cell isolation (biosafety level 2),
- Experience in cell culture techniques and in cell-based assays (experience with bacterial cultures is a plus);
- Experience with ELISA and flow cytometry,
- Proficiency in standard molecular biology techniques and gene expression analysis,
- Significant experience working with murine models,
- Outstanding organizational abilities and rigour,
- Ability to accurately compile and document the work (proficient in Excel, Word, PowerPoint).
- Willingness to learn new techniques, expand your knowledge, and take over responsibilities.
- Good command of English (oral and written),
- Capacity to work independently and to collaborate with other lab members in a team-oriented work environment.

We offer

A three-year minimum position with a competitive salary within a stimulating, translational, and interdisciplinary research environment with access to state-of-the-art technologies and core facilities.

Applications should be submitted per email to: giandomenica.iezzi@eoc.ch

Please include a cover letter and a CV with details of 2 referees.