



Ente Ospedaliero Cantonale



Università  
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## 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](mailto:giandomenica.iezzi@eoc.ch)

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