

Biology/Bio-engineer Trainee

Characterization of the bio-integration of a medical implant for reconstructive surgery

- 6-month internship
- Based in Lausanne
- Full time, 100%

Volumina Medical is a start-up, spin-off from EPFL (Ecole Polytechnique Fédérale de Lausanne), active in the field of implantable medical devices for reconstructive and plastic surgery. Since 2018, we develop cutting-edge injectable polymer-based biomaterials designed to reconstruct damaged tissues, e.g. after tumor ablation, genetic disorder or due to aging.

We are looking for a highly motivated candidate to join our team and contribute directly to the development and growth of our portfolio of products for tissue regeneration.

The Biology/Bio-engineer trainee will work on the evaluation of the *in vivo* bio-integration of the regenerative implantable device.

Your mission

- Process samples obtained from *in vivo* experiments, perform histology analyses, collect scientific data and analyse them
- Participate in biomaterial implantation in rodents (prepare experimental plan, collect and process samples)
- Develop test protocols and document all results according to the company quality system

Your background and experience

- Master / HES degree in Biology, Bio-engineering or Biotechnology
- Practical experience in biology laboratory techniques (cell culture, microscopy, histology, ...)
- Experience in animal experimentation is a plus
- Some knowledge about microbiology is a plus
- Strong interest in the Medical Device field
- Oral and written proficiency in English

Your personality

- You are proactive and able to work autonomously
- You are goal-oriented and challenges stimulate you
- You are careful and rigorous in your work
- You enjoy working in a multidisciplinary team and having interactions with others
- You care about patients and improving their life is motivating you
- You like lab work and writing technical documents

We are offering

- A dynamic and stimulating work environment, at the forefront of biomedical technology and innovation
- The opportunity to express your skills and to grow together with the company
- The integration into an interactive team, where your opinions count
- To contribute in improving quality of life for millions of patients

To apply, please send your application to Gilles Bioley, Biology Affairs Manager or Amélie Bédurier, CEO at Volumina Medical : gilles.bioley@volumina-medical.ch & amelie.beduer@volumina-medical.ch