

- Full time, 100%
- Based in Lausanne
- 9-12 months, possibly renewable

Volumina Medical is a start-up, spin-off of the Swiss Federal Institute of Technology (EPFL), active in the field of medical devices. The company develops breakthrough innovations for plastic and reconstructive surgery. The first product is an implantable biomaterial and targets the regeneration of soft parts of the human body which are damaged due to ageing, tumor excision, genetic malformation, or trauma. In the framework of a collaborative project together with the CIBM (Center for Biomedical Imaging) at EPFL, we are looking for a highly motivated candidate to join our biology team and contribute directly to the development of our products for tissue regeneration. The main responsibilities will be to provide technical support in Research and Development (R&D) studies in close collaboration with EPFL facilities.

**The Biologist/R&D Engineer will work on the *in vivo* validation of the regenerative implantable device.**

**Your key missions:**

- Perform experiments to understand the *in vivo* biological process taking place in the device (including participation in animal experiments, sample collection and processing, collection and analysis of technical and scientific data)
- Manage interaction with EPFL facilities for sample processing and analysis
- Perform image acquisition of histological slides and document results
- Participate to quality control activities (environmental monitoring, microscopy)
- Document all results according to guidelines
- Present results to the team on a regular basis and as required by the manager

**Your formation and experience :**

- Master's / HES degree in Bioengineering, Biology or Biotechnology
- Practical experience with biology laboratory techniques (microscope imaging, histology, (immuno)histochemistry, fluorescence, ImageJ...)
- Laboratory Animal Science certification LTK1 or corresponding FELASA EU (ACD) and experience with animal experimentation (rodents) is a strong plus
- Oral and written proficiency in English is a plus

**Your mindset and personality :**

- You are proactive and able to work autonomously
- You enjoy lab work
- You are objective-oriented and challenges stimulate you
- You are disciplined and care about details
- You enjoy working in a multidisciplinary team and having interactions with others

**We offer :**

- A dynamic and stimulating work environment, at the cutting edge of innovation and biomedical technology
- The opportunity to express your talents and grow with the team
- The integration into an interactive team, where you can propose ideas
- To contribute to improve the life of millions of patients

**Contact:** Please send your full application (CV, Motivation Letter, work certificates, references) to Dr. Thomas Di Mattia ([thomas.dimattia@volumina-medical.ch](mailto:thomas.dimattia@volumina-medical.ch)) or Dr. Gilles Bioley ([gilles.bioley@volumina-medical.ch](mailto:gilles.bioley@volumina-medical.ch))

**Deadline for application: December 15<sup>th</sup>, 2022**