

- Internship, minimum 6 months, up to 1 year, 100%
- Based in Lausanne (Biopôle in Epalinges)

Volumina Medical is a start-up, spin-off of the Swiss Federal Institute of Technology (EPFL), active in the field of medical devices. Since 2015, 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 after tumor excision, genetic malformation or trauma.

The company is preparing for a growth phase, involving clinical activities as well as for market launch of its highly innovative lead product. In order to accompany this growth, we are looking for a trainee to participate to analytical characterizations of products (class 3 medical devices) and in parallel for a project on process improvement or characterization method improvement.

Your missions

Your time will be divided in two types of activities:

- 1) you will participate to the analysis of manufactured products, using a variety of analytical techniques
- 2) you will be in charge of your own development project, to improve either a process step of the manufacturing of our first product or a characterization method to analyze the product. The project will be defined when the internship starts.

Development project

- Improve and upscale a step of the manufacturing process, in collaboration with the development and production team. OR, develop and optimize a method to characterize the product.
- The developed solution, for a process improvement, will have to be clean room and Good Manufacturing Practice (GMP) compliant.
- Interact closely with Development Team.

Characterization techniques

- Perform characterization tests in accordance with procedures and GMPs.
- Document each test in appropriate records at the time of execution.
- Operate equipment in accordance with applicable procedures.
- Work cross-functionally with different departments, including R&D, Process Development and Quality.

Your background and experience

- Student doing a gap or wishing to do an internship during her/his studies in Chemistry, Polymer Chemistry, Chemical Engineering such as HES degree or equivalent, French IUT, EPFL or equivalent...
- Experience in the biomedical field through a previous project or internship is a plus.
- English: oral: understanding; writing: can write protocols and reports.

Your mindset and personality

- You enjoy laboratory work and care about the quality of your results and their documentation.
- You are organised and rigorous in your work.
- You are proactive, polyvalent and able to work autonomously.
- You enjoy working in a multidisciplinary team and having interactions with others.
- You are an energetic, motivated and dynamic person.

We offer

- A dynamic and stimulating work environment, at the forefront of biomedical technology and innovation and on a dynamic life-science campus
- The opportunity to express your skills and to grow together with the team
- The integration into a multidisciplinary team, where your opinions count
- To contribute in improving quality of life for millions of patients in the long term

Contact: Please send your full application (CV, Motivation Letter, work certificates, references) to Laurence Rivier: laurence.rivier@volumina-medical.ch

