

Chemical Engineer Trainee

Development of a manufacturing process of polymer based biomaterials

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

Volumina Medical is a start-up, spin-off from EPFL, 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 engineer trainee will work on the development and improvement of the manufacturing process.

Your mission

- Develop a manufacturing process for an polymer based injectable biomaterial
- Document all laboratory tests made
- Characterize the biomaterial (FTIR, microscopy, mechanical behavior, ...)
- Develop test protocols and document all results according to the company quality system

Your background and experience

- Chemical training
- Practical experience in polymer science and analytical techniques
- Strong interest in the Medical Device field
- Fluent in english (oral and written)

Your personality

- You are proactive and able to work autonomously
- 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
- You care about patients and improving their life is motivating you
- You enjoy 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 Laurence Rivier, Senior Validation Engineer at Volumina Medical : laurence.rivier@volumina-medical.ch