

Permanent / Based in Epalinges (Vaud), Switzerland / 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 or due to aging.

The start-up 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 highly motivated candidate to be responsible for the product and process development.

Your mission

- Analyze the technical properties of polymer based biomaterials being developed and related manufacturing processes, develop and implement technical studies to improve them.
- Develop quality control criteria.
- Identify and develop relevant new analytical techniques for improving the control of the quality of the products.
- Participate to the improvement and (re-)validation of quality control methods such as pH, mechanical properties measurement, microscopy, HPLC, GPC...
- Lead process development projects according to Change Control process
- Participate to product validation projects
- Support manufacturing team
- Manage non-conformities related to his/her activities
- Manage all documents related to his/her activities following the quality system of the Company

Your background and experience

- A Master's degree or PhD in Chemistry, Polymer Chemistry, Chemical Engineering with 1-3 years experience.
- Previous experience in materials/medical devices characterization and in the development of physico-chemical processes.
- Good knowledge of Implantable Medical Device field (GMP, ISO13485).
- Strong communication and teamwork skills.
- Excellent creativity, and problem-solving skills.
- Oral and written proficiency in English is a plus

Your personality

- You enjoy laboratory work and care about the quality of your results and their documentation
- You are organized and rigorous in your work
- You are proactive, polyvalent and able to work autonomously
- You are objective oriented and challenges stimulate you
- You enjoy working in a multidisciplinary team and having interactions with others

We are offering

- 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

To apply, please send your application (CV, motivation letter, reference letters and work certificates if available) to
Laurence Rivier, Senior Validation Engineer, laurence.rivier@volumina-medical.ch

