



## **Prodrug Scientist (Permanent contract)**

IMESCIA is a deeptech start-up in the field of oncology. We are a spin-off from the Institut Galien Paris-Sud (IGPS), a joint research unit of the CNRS and the Faculty of Pharmacy of Paris-Sud University (Châtenay-Malabry). We are developing a technology for subcutaneous (SC) delivery of anticancer drugs currently administered only intravenously (IV). Our technology relies on a novel prodrug polymer approach that effectively inhibits local toxicities and enhances the treatment's efficacy. You will be joining a team of young and motivated entrepreneurs and scientists to develop our cutting-edge technology.

### **Your responsibilities:**

- Derivatization of anticancer small molecules and synthesis of prodrug polymers
- Purification and characterization of all synthesized compounds
- Synthesis planning and delivery of compounds up to gram quantities according to timelines
- Adaptation of our technology to biological compounds (peptides, DNA strands) to support the growth of our technology platform
- Take part in the technology transfer and scale-up for future GLP studies
- Writing of scientific reports and patent related documents
- You prepare presentations and communicate results to external partners and scientific congresses

### **Requirements:**

- Doctoral degree in organic or polymer chemistry, experience in working with polymer prodrugs appreciated
- Solid understanding of general analytical methods (NMR, HPLC, MS, etc.) and polymer analytical methods (SE-HPLC, MALDI-TOF, etc.)
- High level of creativity and independence in designing synthetic routes and solving complex problems
- High motivation and flexibility to expand existing skills and knowledge
- Strive to bring Imescia's technology to the clinic
- Excellent command of written and spoken English, good working knowledge of French

### **Benefits:**

Work in a young start-up lead by a team of highly motivated entrepreneurs and scientists working towards bringing new therapeutic solutions to cancer patients. The position is a full-time permanent contract.

### **Contact and details:**

Alexandre Bordat co-founder and CTO: [alexandre.bordat@imescia.com](mailto:alexandre.bordat@imescia.com)

Imescia is in Châtenay-Malabry, near Paris.

Position opened for September 2020.