



Stilla is hiring a Chemical Engineer

Who we are

Stilla Technologies is a Paris-based “tools for Life Sciences” company that helps scientists to build the future of medicine.

Since 2016, [Stilla Technologies](#) has been providing research organizations specialized in molecular biology and genetic analysis with its Naica™ System, a ground-breaking digital PCR solution that enables scientists to detect and quantify DNA mutations with unrivalled precision.

With the Naica System, researchers worldwide are developing a new generation of high-precision genetic tests, in various fields of applications such as liquid biopsy tests for cancer diagnostics, non-invasive prenatal testing or GMO detection.



After closing a 16 M€ Series A funding round in November 2018, Stilla is **scaling its operations** worldwide, with a focus on maintaining a **strong R&D pipeline of innovative products** for precision genetic analysis (instrumentation, consumables and assays) and scaling and de-risking the company's operations.

Stilla's talented and multidisciplinary team shares a passion for building successful Life Science products based on deep technological innovations. We are pursuing a huge potential market and aim become the new leader in the exciting field of precision genetic analysis. Join us!

Stilla is hiring a Chemical Engineer to improve and scale up and to develop alternative compounds.

Our ideal candidate:

- Has one or more successful experiences in organic chemistry (PhD, postdoc, jobs...), especially in the synthesis of surfactant and/or fluorinated compounds
- Has excellent analytical and synthesis skills
- Enjoys experimental work
- Is autonomous in the identification, understanding and solving of scientific and practical issues
- Likes team work and collaboration
- Must speak French and English fluently



Missions for the Chemical Engineer

The Chemical Engineer is a team member of the Hardware R&D group at Stilla and reports directly to the Director of Hardware R&D. At the interface between production, quality and R&D, the Chemical Engineer will:

1. Provide the highest quality compounds for production

- Synthesize or purchase all the chemicals involved in the production process
- Perform and oversee validation tests of all chemicals (raw materials and products)
- Develop and implement novel and relevant quality tests on the chemicals
- Put in place OEM and procurement agreements with key providers

2. Set up a chemistry lab

- Design and build a chemistry lab from scratch
- Choose and order equipment items
- Be responsible for lab management and safety

3. Scale up chemical production and supply

- Understand and solve the failure modes of the current chemical processes
- Develop optimal synthesis routes for key compounds while increasing batch size
- Grow a pool of expert subcontractors for advanced synthesis and analysis

4. Develop alternative chemicals and processes

- Understand the physical and chemical mechanisms involved in droplet digital PCR
- Design and synthesize alternative compounds for droplet digital PCR
- Test and validate alternative candidate on Stilla's digital PCR platform

Why join us?

- Contribute to a ground-breaking innovation in human diagnostics
- Collaborate with a multidisciplinary expert team
- Join a young and dynamic Life Science company growing at a 3-digit pace!
- Work with a team who shares a passion for building successful Life Science Product.

Location:

Main office: Villejuif (Paris metropolitan area)

How to apply?

Send your resumé and cover letter to : jobs@stilla.fr with the keyword [\[RD-Chem\]](#)

All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, sexual orientation, gender identity, national origin, protected veteran status, or on the basis of disability.