



Stilla is hiring a Microfluidics Engineer

Who we are

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

Since 2016, [Stilla Technologies](https://www.stilla.fr) 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 and non-invasive prenatal testing as well as 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, softwares and assays).

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 to become a leader in the exciting field of precision genetic analysis. Join us!

Stilla is hiring a Microfluidics Engineer to optimize existing protocols for digital PCR and design the next generation of Stilla’s microfluidics chips.

Our ideal candidate:

- Has a PhD degree in Microfluidics, Physics, Fluid Mechanics, Material Sciences or similar fields
- Has one or more successful experiences in microfluidics (PhD, postdoc, ...), especially in droplet microfluidics or microfluidics for biological applications
- 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 Microfluidics Engineer

The Microfluidics Engineer is a member of the Hardware R&D group at Stilla and reports directly to the Director of Hardware R&D. In the heart of Microfluidics R&D team, the Microfluidics Engineer will:

1. Optimize existing products & protocols (Sapphire chip)

- Design new protocols to improve the performance of existing microfluidic chips
- Identify failure modes of existing protocols and trouble shoot them
- Transfer improvements to the Production team and help implement

2. Optimize protocols for new products (Opal chip, June 2019)

- Simplify and robustify protocols for the production of the Opal chip
- Make existing protocols for digital PCR simpler and faster
- Characterize performances of the Opal chip
- Develop new protocols for specific applications (droplet recovery, low dead volume ...)

3. Design and validate future microfluidic chips

- Define the specs of the chip along with Marketing
- Prototype microfluidic designs to reach specs
- Outsource manufacturing of final design to a microfluidic foundry
- Characterize specs of the final parts

Why join us?

- Contribute to a ground-breaking innovation in human diagnostics
- Collaborate with a multidisciplinary team of experts
- 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
- More info here (www.welcometothejungle.co/companies/stilla-technologies)

Location:

Main office: Villejuif (Paris metropolitan area)

How to apply?

Send your resumé and cover letter to : jobs@stilla.fr with the keyword [RD-MiFlu]

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.