

We are Mobidiag, team of roughly 100 people in 4 countries driven by creating something meaningful and helping the world to be a better place by offering solutions to detect infectious diseases and antibiotic resistance. By using our tests patients get targeted treatment faster, more efficiently and more reliably.

We take our jobs seriously because we're doing something important for the world. We can't do it alone and we need the best people. Are you one of them?

We are now looking for a talented **MASTER'S STUDENT** (intern) to join our growing team in Paris, France. During your internship you will be in charge of further developing the microarray imaging technology, SMART™ solution, on the Novodiag® disposable microfluidic cartridge. The Novodiag® cartridge performs a diagnostic test in a miniaturized system: sample preparation, DNA amplification and biomolecules detection by the microarray are done fully automatically. The ambition of the internship is to create a new patentable technology for the probe's fluorescence excitation on the microarray. This innovative method will enhance the current performance of the assay and ease the production process.

**Your key responsibilities are the following:**

- Feasibility study of the new SMART™ solution manufacturing technology
- Design and fabrication of the prototypes
- Planning and execution of the tests
- Data processing

**Ideally, you should have:**

- Majority of your Master's degree studies accomplished, majoring either in Physics or Engineering
- Good knowledge of optics, fluorescence phenomena, waveguides and microfabrication processes
- Ability to process and analyze raw data
- Knowledge of PCR and qPCR reactions and microarray technology is a plus
- Excellent communication and organizational skills coupled with analytical and critical thinking
- Capability to multitask in a multi-disciplinary and rapid paced environment
- Good team work skills

**We offer you:**

- Possibility to grow and expand your expertise – when working in a growing company you will get involved in full spectrum of challenges.
- Be part of an amazing team – you will work among enthusiastic, talented and energetic team members.
- Possibility to learn continuously – we believe in investing to our employees and ensuring their know-how is topnotch.
- Ongoing company meetings and events – we believe that having all the staff together for couple of days outside the office brings added value for both the company and the employees.

**You love it here if you:**

- Are excited to be one of the key players in building meaningful and important solutions
- Like everything about taking new challenges and have an open mindset
- Like to collaborate and work in teams but also can fly solo
- Want to work in an environment adapted to employee's needs
- Want to grow and brush up your development skills among experienced and fun colleagues

If you have any questions or doubts, please contact R&D Manager Ivan Ferrante by email [ivan.ferrante@mobidiag.com](mailto:ivan.ferrante@mobidiag.com). If you already made your decision, please send your CV and application to Ivan by January 11<sup>th</sup>. Use "Internship" in the subject line.

We'd love to meet you and hopefully have you on board!