

## Careers in HiFiBio

### 10 July 2017

HiFiBio ([www.hifibio.com](http://www.hifibio.com)) is an innovative biotech company created in 2013, as a spin off from ESPCI, Harvard University and the Broad Institute. We have a lab and office in Paris at the premises of ESPCI and in the US (Boston). HiFiBio has developed a fully integrated single cell antibody drug discovery engine, which has been validated by Big Pharma through multiple R&D collaborations. We combine droplet microfluidics and DNA barcode technologies with an integrated informatics workflow for high throughput antibody secreting primary cells screening, sorting and single cell antibody sequencing. HiFiBio partners with pharmaceutical companies to identify molecules against challenging targets, and has commenced building an internal drug development pipeline.

We are currently in need of an **IUT or BSc-level candidate** who is well-organized, a demonstrated team player, used to delivering quality results in a fast-paced environment, pro-active and precise in work.

The following position is open for our lab facility in Paris: Senior Technician in Molecular Biology  
The position is open for September/October 2017.

#### Job summary:

- The candidate will be part of the Molecular Biology team, working for and supporting the molecular biology teams on internal and external projects.
- This candidate must have excellent organizational skills and competence in documentation to support customer and internal R&D projects.

#### Essential duties and responsibilities:

- This individual reports to the Group Leader and must have excellent organizational and bench skills in the key areas of molecular biology with the expectation she/he will coordinate with engineers and advisors to implement micro-droplet assays developed internally or in collaboration with HiFiBio customers/collaborators.
- The candidate will contribute to either/both the nucleic acid assays development operations and/or cell based assay; participate in the formulation and execution of a technical plan to meet collaborators/customers requirements.
- The candidate must be a self-starter, be able to work collaboratively and to work to deadlines. Ability to deliver a quality result is a must.
- Learn and optimize droplet based assays, molecular and cellular biology protocols on an industrial & robust level
- Create and assist in the filing of intellectual property of value to the company.
- Identify, disclose, and propose alternatives to technical risks and problems
- The candidate will support platform users on developing best practices, routines and innovative solutions to improve execution and quality of experiments.
- The candidate will participate in project discussions with the different groups to understand their requirements and regularly present results.
- Write reports and presentations on experiments carried out.

#### Preferred experience

- Laboratory experience preferably in industry and specifically in:
  - Molecular biology bench experience with the following techniques and methods
    - PCR (incl. primer design and QC) and qPCR (Sybr Green, Taq Man)
    - Transfection, transformation, transduction and cloning
    - Reverse transcription, RNAseq

- (Single cell) NGS library preparation and QC
- Cell biology bench experience
  - Cell culture maintenance
  - Primary Cells handling, B and/or T cell purification, cytokine secretion assays
  - Flow cytometry setup, characterization and optimization
  - ELISA and Elispot
- Familiar with QC practices, Tracking of SOPs, Protocols, Labbooks.
- 'Self starter' attitude with a strong motivation to be part of innovative company with ambitious goals at global level.
- Education requirements:
  - BTS, IUT/DUT/Licence Professionnelle or BSc in Molecular Biology, 1-3 years industry experience is preferred.
  - Excellent oral, written and presentation skills in French & English

**Contact:**

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