Bioimages analyst | Minos Biosciences

Minos Biosciences is on the path to bridge molecular and cell biology in a manner never achieved before that will, in turn, allow scientists to uncover the full understanding of cell diversity and dynamics. By combining multi-omics analysis with functional analysis at cell resolution and at high throughput, Minos' solution represents a paradigm shift in single-cell analysis, opening new frontiers in life science research, precision medicine and diagnostics.

Spin-off from ESPCI Paris PSL, Minos Biosciences technology combines state-of-the-art microfluidics, molecular biology, image analysis and bioinformatics to operate an innovative microfluidic platform coupling fluorescent imaging with barcoded NGS.

Minos Biosciences is a challenging environment to learn and grow within an unprecedented technological framework.

Bioimage analyst

We are seeking a talented and experienced individual to conduct bioimage analyses in our dynamic team. You will play a pivotal role in extracting valuable insights from a substantial volume of single-cell multi-channel fluorescence-based microscopy images across various projects.

The successful candidate will be able to conciliate challenging on demand quick and dirty analyses with more robust developments in the perspective of a software creation. Overall, he/she will contribute to R&D progress but also extend our groundbreaking technology adoption potential.

Essential Duties

- Conduct varied bioimage analysis tasks and enhance data acquisition strategy
- Develop, implement, and optimise robust data processing infrastructures and workflows to provide comprehensive understanding of in-house R&D data
- (Collaborate on shaping Minos Biosciences' software proposal)
- Communicate results and collaborate in a pluridisciplinary team as well as with academic and industrial collaborators

Qualifications

- MS/PhD in bioimage analysis or 3+ years in a similar role
- Strong expertise in computer vision for processing microscopy/fluorescence imaging (segmentation, object detection, etc.)
- Proficiency in machine learning model training, framework setup and deployment
- Exposure to software development is a plus
- Familiarity with sequencing data projects, especially single-cell, is a plus
- Excellent verbal and written communication skills to facilitate effective teamwork and convey technical information
- Ability for multitasking and capability to prioritize tasks in a fast-paced environment
- Flexible, strong problem-solving skills and a detail-oriented mindset to provide innovative solutions in a highly pluridisciplinary environment

Location: Paris (5th), France
Starting date: Immediate
Employment type: Permanent (CDI)
Package: competitive salary (according to professional experience) + Tickets Restaurant

Address your application (CV & cover letter) to jobs@minos.bio

minosbiosciences.com

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