

JOB

Permanent research engineer position as Head of Hub Algorithmics & AI pole



Member: Laurent Essioux

15

Apr 2025



ADD TO CALENDAR

The [Hub of Bioinformatics and Biostatistics](#) provides analytical support to research units and platforms at the Institut Pasteur. The Hub is committed to this mission through:

- Collaborating on scientific projects, submitted by research teams of our institute, to the Hub.
- Training scientific staff from the Institut Pasteur Paris or from other institutes of the international network of Instituts Pasteur.
- Developing tools and applications to be shared with the broader scientific community
- Interacting directly with scientist upon specific inquiries

As **head of the Algorithmics, AI, and Mathematical Modeling group**, the recruited engineer will focus on applying and developing innovative AI solutions for genomics projects of the Institut Pasteur. He will oversee the group management and be accountable for its project portfolio.

The recruited engineer will work with a team of computational biologists in a collaborative environment, interacting with other teams of the Hub, the Technology Department, the Computational Biology department, and the campus.

As part of the Bioinformatics and Biostatistics Hub, the group lead will:

- Manage the group's collaborative project portfolio

- Ensure the quality of work and scientific contributions of the engineers in the group
- Oversee administrative management and foster an open, collaborative work environment
- Support the professional development of team members
- Lead the methodological development in collaboration with the Computational Biology Department and the campus
- Represent the pole within the Technology Department and the campus

As a member of the hub's leadership team, the pole head will participate in the hub's operational management and contribute to its strategy and implementation.

Reporting: Reports to the Hub Leadership.

Key Activities:

- Project planning and organization
- Project coordination, tracking, and resource management
- Thematic coordination of the group (methodological developments, best practices, etc.)
- Administrative management of the division
- Development of collaborators
- Workplace quality of life improvement
- Participation in hub leadership

The group head role will represent approximately 50% of the workload. Additionally, the recruited candidate will act as a research engineer within the Hub, contributing to collaborative projects, teaching, and consulting in alignment with their leadership responsibilities.

Profile:

- PhD/Master's/Engineering degree in Computational Biology, Bioinformatics, Computer Science, Applied Mathematics, Biostatistics, or related fields
- At least 10 years of experience in a biomedical research institute and/or industry in computational biology, biostatistics, applied mathematics, or bioinformatics
- Proven expertise in deep learning, algorithmic approaches, and mathematical modeling applied to genomics
- Knowledge and experience in software development and best practices
- Strong leadership experience in group and/or project management in a complex organization; experience mentoring students
- Fluency in French and English, with experience working in multilingual environments
- Creativity and innovation
- Collaborative mindset, ability to manage complex and ambiguous situations
- Focus on professional development of team members

To apply:

Click on the following link and select the corresponding profile:

<https://hub-jobs2025.pasteur.cloud>

Please, submit your updated CV and a cover letter (motivation letter). You may indicate contact information for reference letters (3 max.). They will be automatically contacted when you validate your application.

We are a team committed to foster a fair, inclusive and diverse work environment. Diversity has been scientifically established as a key factor to improve scientific objectivity. Hence, all applicants will be evaluated solely based on qualification regardless of gender, gender identity, sexual orientation, race or disability.

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