



Computational Biology Internship W/M

Boulogne-Billancourt, Île-de-France

Reference Number:

Aixial Group is an international Clinical Research Organization providing clinical trial services to its clients in the pharmaceutical, medical devices, biotechnology, nutritional and cosmetics industries. With a strong reputation for our expertise and flexibility, Aixial Group offers end-to-end clinical trial services, functional service provider models, business process outsourcing models, as well as expert consulting and advice.

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Context

Are you passionate about predictive modeling and applying advanced computational approaches to unravel complex biological and medical problems? If yes, this internship opportunity is for you!

We are seeking a motivated and talented intern to join our research and innovation team for a 6-month period.

Goals & tasks

Working closely with our scientific experts, you will contribute to the design, implementation, and testing of novel computational approaches, with a particular emphasis on building static networks, developing predictive models for clinical and biological applications, exploring dynamic inference methods to capture evolving processes, and applying hybrid modeling strategies that integrate data-driven and mechanistic approaches to complex biological systems

During your internship you will be actively involved in the full research cycle: literature review, model design, data integration and analysis, validation, interpretation, and dissemination of results.

- Master's student in computational biology, bioinformatics, or a related field – (Master 1 not accepted)
- Experience in programming using Python, R, or other languages.
- Ability to work independently and collaboratively in a multidisciplinary team.
- Experience or strong interest in predictive modelling.
- Interest in complex biological systems (genetics, epigenetics, molecular biology, physiopathology).
- Strong analytical and critical thinking skills, ability to generate and test novel hypotheses.
- Excellent communication and pitching capacity
- Fluent in french is mandatory
- A good level in english is recommended

Please note that this job offer is for a 6-months internship. Is not open for an apprenticeship.

Please note that an agreement internship with a french university is mandatory.

Your contact person

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