Senior Biomodeler – Bioinformatician

Company Description

Vidium solutions is a start-up incubated at ENS Lyon since 2019. It develops innovative analytical tools and models to predict cell fates. Working alongside biologists, Vidium solutions give its R&D partners the key to master cell state via diagnostics, novel drug targets and optimized experimental designs.
Vidium in silico models are at the core of its services. Based on mechanistic models of generic regulation networks, these models are built from in-depth analyses of experimental dataset.

Role Description

As a biomodeler-bioinformatician at Vidium you will:

- Lead scientific projects
- Interface with biologists
- Develop and use mathematical models and simulations
- Develop new tools for OMICS data analysis
- Analyze OMICS dataset (e.g. single cell RNA seq) using custom tools
- Work closely with bioinformaticians and software developers

Qualifications

- MSc,MEng or PhD (preferred) in statistics, physics, computational biology or system biology
- Experience with mathematical modeling and simulation (required)
- Familiarity with data analysis techniques (required)
- Experience in bioinformatics, particularly OMICS (required)
- 2 years experience in industry (preferred)
- Proficiency in Python, R or MATLAB (required)
- Proficiency in UNIX (required)
- Ability to work in cross-functional teams (required)
- Good communication skills in French and English (oral and written) (required)

Conditions:

- Some remote working allowed (1 or 2 days a week)
- CDI
- Salary based on experience

Send a CV and cover letter to: e.guillot@vidium-solutions.com

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