

Contacts:

Julien Fouret julien.fouret@signiatherapeutics.com
Andres Pizzorno



Reference: BIOINFO_JUN

Start date: 1st trimester 2021

Place of work: Lyon (69008)

Contract type: fixed-term 16 months (CDD 8+8) with 1 month of probation time (renewable)

Company presentation

Signia Therapeutics is an innovative French start-up proposing a breakthrough strategy to identify and repurpose rapidly, efficiently and at low cost already marketed drugs or to recycle unused drugs for new antiviral indication against several human respiratory viruses.

The repurposing strategy is based on the comparison of transcriptomic signatures of clinical samples from infected patients or relevant *ex vivo* model of infections against a proprietary data bank drug specific signature on the same relevant model for thousands of drugs.

Signia Therapeutic's drug discovery platform has already demonstrated its significant potential with proofs-of-concept already established for several market-approved drugs that were validated for new anti-influenza and anti-MERS-CoV indications. Signia Therapeutics's most advanced product is under a Phase II multicentric clinical evaluation (FLUNEXT trial) for the evaluation of one very promising antiviral candidate, with final results expected in 2021.

Job description:

Signia Therapeutics is looking for a new junior bioinformatic engineer attached to the R&D bioinformatics team.

Your main missions will be the following:

- Data mining of expression data from external database.
- Analysis, pipeline development and data mining for non-expression Omics (e.g. Proteomics, Interactomics).
- Analysis and pipeline development for multi-Omics data integration and subsequent functional analysis.

Profile description:

You have bioinformatics or biostatistics master's degree ideally with a first experience or internship in NGS data analysis or services, however beginners are welcome to apply.

Required skills:

- Programming language: Python, R (and REST API)
- IT environnement : Linux
- Knowledge: Systems Biology and network-based functional analyses

Bonus skills:

- IT environnement : Docker, Gitlab
- Pipeline framework: At least one and preferably CWL
- Data visualization Shiny (rstudio) project development

How-to Apply:

Email us (julien.fouret@signiatherapeutics.com) with the object "[BIOINFO_JUN] LAST_NAME First_name" with

- a 1-page CV with eventually an annex with achievements (publication, software, conference and so on).
- A message with ideally ~250 words but feel free to express yourself
- **Optional:** a document you produced, and you are proud of (publication, report, master or PhD thesis or some code)
- **Optional:** a list of referees (at least one would be great)