

**Contacts:**

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**Reference:** WEBDEV

**Start date:** 1<sup>st</sup> trimester 2021

**Place of work:** Lyon (69008)

**Contract type:** fixed-term 12 months (CDD) 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 Back-end web developer attached to the R&D IT team.

Your main missions will be the following:

- Maintain an intern web application with a REST API at its core using Django framework.
- Maintain relationships and compatibility between data stored and Django databases (metadata) and data analyzed on a computing infrastructure accessible through the private network.
- Develop modules to interact with data and the computing platform.
- Develop modules to import data from public databases (both metadata and computing data).
- Guarantee a high level of security for this web application.

Of note, the maintenance of the Linux OS, packages, and the configuration of services essential for web will not be your responsibility

**Profile description:**

You have bioinformatics or biostatistics master's degree ideally with a first experience or internship in NGS data analysis or services, but beginners accepted.

**Required skills:**

- Programming language: Python/Django
- IT environnement : Linux
- Knowledge: REST API, LDAP, Network, and web app security
- Data visualization: Integration of JavaScript widget (D3)

**Bonus skills:**

- Programming language: Ansible
- IT environnement : Docker, Gitlab
- Knowledge: Data science and/or Bioinformatics

**How-to Apply:**

Email us ([julien.fouret@signiatherapeutics.com](mailto:julien.fouret@signiatherapeutics.com)) with the object "[WEBDEV] 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)