



CENTRE DE
RECHERCHE
EN MYOLOGIE



**SORBONNE
UNIVERSITÉ**
CRÉATEURS DE FUTURS
DEPUIS 1257



Institut national
de la santé et de la recherche médicale



**INSTITUT DE
MYOLOGIE**
INNOVER POUR GUERIR

CENTRE de RECHERCHE en MYOLOGIE - CENTER of RESEARCH in MYOLOGY
Director : Bertrand Fontaine

a) Ingénieur en informatique biologie/bioinformatique H/F pour le Centre de Recherche en Myologie (Paris)

CDD Ingénieur

Niveau de recrutement : Doctorate (or Master + experience)

Durée du contrat: 12 months, renewable

Date de prise de fonction: 01/03/2019

The bioinformatician will provide support to the Myology research Center in the area of data management and processing of “omics” analyses in a multidisciplinary environment.

The candidate must have knowledge in molecular biology and possess good presentation and communication skills. A PhD in bioinformatic and strong statistical knowledge would be an asset but more generally, biologists with a strong background in bioinformatics or bioinformaticians with a strong background in biology are encouraged to apply. Candidates must have first experience in omic data analysis (RNA-seq in particular) and have strong programming skills, especially in R's. They should also be interested in developing new methodologies. Candidates must be motivated by biological issues and flexible in order to interact with different team members. Leadership and autonomy are encouraged. Good interpersonal and communication skills are essential in order to transmit and share knowledge in an environment essentially composed of biologists.

Main mission: the candidate will use bioinformatics technology (sequence analysis, gene and protein expression) to analyze and integrate omic datasets. He/she will work in close collaboration with biologists as well as with high-throughput genomic facilities:

- experimental design of omics analyses (gene, exon, transcripts..)
- implementation/validation of existing packages
- data analysis
- development of novel packages
- technical watch
- training
- communication (reporting, publications, presentation)

Expertise

- Bioinformatics tools to analyze omics data,
- Classical omics-data format (fastq, bam, etc),
- Good understanding of biological concepts.
- Programming skills in R, Python and Perl
- Knowledge in statistics
- Project management, including dedicated tools,
- Good communication skills in French and English

Please send CV and references by email to capucine.trollet@upmc.fr