

Bioinformatics Engineer

Job profile

job

- We are seeking a bioinformatics engineer to join a team of biologist working on vascular/lymphatic fields. You will make a leading contribution to develop our project and work closely with researchers and PhD students in the lab. You will develop and apply innovative approaches to analyze our data obtained from single-cell RNA sequencing experiments performed in the lab, and operate data analysis from single-cell RNA sequencing already published in the literature.

Responsibilities

- single cell transcriptome analysis using bioinformatics tools
- Analysis of public RNA-sequencing and single cell transcriptomic data

Associated activities

-
-

Knowledge

- Strong expertise in single cell RNA seq analysis
- Intermediate knowledge in biology/physiology will be an advantage
-

Requirements

- Advanced computational coding experience (Python, R,..)
- Advanced proficiency with genomics data analysis softwares (STAR, samtools, DEseq, Seurat, etc.).
- Multidimensional data analysis mathematical methods (PCA, t-SNE, etc.).

Abilities

- Good communication
- can conduct multiple projects
- keen to learn

Previous experience

Previous experience with single cell RNA-seq analysis

Education

Institute

Unit INSERM U1297

Institute Institute of cardiovascular and metabolic diseases I2MC

Website <http://www.i2mc.inserm.fr/index.php/fr/>

Adresse CHU Rangueil, 1 avenue du Pr Jean Poulhes, Toulouse

Délégation Régionale Occitanie Pyrénées

Contract

Type	CDD
Duration	1 year
Salary	Salary will depend on the candidate's diplomas and experience, according to the french government applicable salary grids.
Application opening	As soon as possible or as we agreed

Please send a CV and a motivation letter to florence.tatin@inserm.fr and the name of referees