

JOB OFFER

Bioinformatics / Bioanalyst Engineer

Presentation

In the framework of a research project in partnership with the industry, the University Hospital of Brest is hiring a Bioinformatics/Bioanalyst Engineer.

You will work on the Hyperion technological platform (HYPE Research in Immunology and ONcology) which is equipped with an Imaging Mass Cytometry system. It is located in the premises of the B Lymphocytes, Autoimmunity and Immunotherapies laboratory (LBAI - UMR1227) at Morvan Hospital in Brest, and provides flow cytometry, cell sorting, and conventional and imaging mass cytometry solutions.

The platform's staff have the scientific and technical expertise for projects studying all types of cells and tissues. The platform is open to all the public and private scientific community.

Main activities

- The analysis of Imaging Mass Cytometry data (IMC, Hyperion): cell segmentation, supervised and unsupervised analysis, command of dedicated software suites (e.g. open pipelines, Visiopharm...)
- The analysis of Flow Cytometry (FACS) and Mass Cytometry (CyTOF) data: supervised and unsupervised analysis
- The integrated analysis of multi-OMICs data, in collaboration with our Bioinformatics unit working on transcriptomic data (RNAseq and scRNAseq)

Associated activities

- Supervision and training of the unit's students using these methods as part of their research project
- Participation in the team meetings involving doctors, researchers, engineers
- Participation in the drafting of procedures and analysis reports

Profile

- PhD in biology/immunology with skills in bioinformatic analyses and imaging analyses or PhD in bioinformatic analyses and imaging analyses with skills in immunology
- Good command of cytometry and imaging analysis software suites (ImageJ, Visiopharm, OMIQ, Cytobank, Kaluza, etc...)
- Skills in statistical analyses
- Willing to be involved in a large-scale research project within a multidisciplinary team

Contract

- Type: fixed-term contract, full-time position
- Salary: depending on experience
- Location: LBAI Laboratory (B Lymphocytes, Autoimmunity and Immunotherapies) - MORVAN Hospital, University Hospital of Brest

Please send your application to divi.cornec@chu-brest.fr and christophe.jamin@univ-brest.fr before 14/04/2022.