Post-doctoral offer

Our laboratory uses genome data, computing, mathematical modeling, and unique cellular models to study hematological malignancies. These approaches work in tandem with technological advancements to study tumorigenesis and to understand the mechanisms of tumor progression and drug resistance to develop new diagnostic and treatment strategies.

Pr Charles Herbaux is expanding his work to decipher genomic and epitranscriptomic heterogeneity in diffuse large B-cell lymphoma (DLBCL) patients.

We expect the successful candidate to be capable of working autonomously and developing research within the framework of our goals and scientific interests.

The global aim of our project is to identify and understand the role of epitranscriptomic heterogeneity in the pathophysiology of DLBCL. To this end, we plan 3 major methodological steps. 1/ Characterize the epitranscriptomic landscape. 2/ Correlate the epitranscriptomic landscape with clinical data. 3/ Confirm targets and mechanisms in vitro on cell lines.

To achieve our aims, we invite Post-Doc applications to study the intratumoral genomic and epitranscriptomic heterogeneity in patients with lymphoma to better understand tumor evolution, drug resistance mechanisms, and reveal new potential therapeutic vulnerabilities in collaboration with other groups of the SIRIC community of Montpellier.

The appointments will be made for 12 months renewable.
At least one 1st author paper from their PhD is mandatory.
Successful candidates should be strongly motivated, highly collaborative, and have bioinformatic skills to handle single-cell and molecular analyses. We offer excellent working conditions, and an intellectually rich environment associating the Institute of Human Genetics and the CHU of Montpellier in the dynamic city of Montpellier.

Applications should be submitted to Charles Herbaux (charles.herbaux@igh.cnrs.fr) and include a cover letter describing your interest in the position, a detailed CV, a brief description of previous research (below 1 page), a publication list, plus the contact details of at least two referees.