
PhD & POST-DOCTORAL POSITIONS

tRNA EPITRANSCRIPTOMICS - IMMUNITY & CANCER

We are opening two positions (1PhD & 1PostDoc) for highly motivated researchers with a strong interest in epitranscriptomic regulation and translational immunity & oncology. The aim of the project is to decipher the role of the **tRNA epitranscriptome in innate immune cell development and function in health, infection and cancer**. The project is developed as a collaborative effort between the Labs of Cancer Signaling (LCS, PI: Pierre Close) and Cellular & Molecular Immunology (LCMI, PI: Christophe J. Desmet) in the GIGA-Institute, ULIEGE, Belgium (www.giga.uliege.be).

GIGA gathers more than 500 scientists in all fields of biomedical research and offers access to top-notch technological platforms (www.giga.uliege.be/platforms). Together, LCS and LCMI host >20 international researchers who routinely master advanced cellular and molecular biology techniques such as high-parameter flow cytometry, (single-cell)RNA-seq, Ribo-seq, Polysome Profiling-sequencing, tRNA sequencing, and mass spectrometry. The candidates will benefit from a stimulating and highly competitive scientific environment with a strong international network and funded by prestigious grants.

Positions:

PostDoc: A three years (yearly reconduction +1y extension) is available.

Requirements:

- *International profile*
- *Demonstrated expertise in FACS analyses and cellular immunology*
- *European certificate for animal experiments or equivalent is a plus*
- *Experience with scRNAseq, CRISPR screens and/or bioinformatics is a plus*

PhD: A four years PhD position (yearly reconduction) is available.

Requirements:

- *Fluency in spoken and written scientific English*
- *Demonstrated expertise in lab experiments, preferably in cellular immunology*
- *A plus if the candidate has the European certificate for animal experiments*

Starting Date: from now

Application:

Please send your application (cv, motivation and two references letters) to:

Pierre.Close@uliege.be & Christophe.Desmet@uliege.be

GIGA-Institute
University of Liege

more info @: www.gigalcs.uliege.be or  [@gigacancersignaling](https://www.facebook.com/gigacancersignaling)
www.gigalcmi.uliege.be

Selected publications:

Ladang et al, J.Exp.Med. (2015)
Delaunay et al, J.Exp.Med. (2016)
Rapino et al, Trends in Cancer (2017)
Rapino et al, Nature (2018)

Lemaitre et al, J.Immunol. (2021)
Rosu et al, J.Exp.Med. (2021)
Van Hulst et al, Eur Respir J. (2021)
Rapino et al, Nature Comm. (2021)