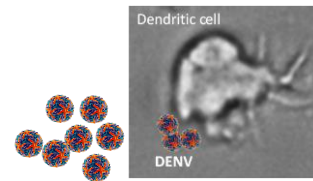
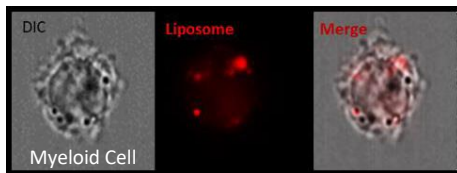


Montpellier 30th November 2023



2-years post-doctoral position to explore host lipid metabolism and Dendritic Cells immune responses in the context of Dengue Virus infection

The team Quantitative Biology of Membrane Traffic and Pathogenesis (<https://www.irim.cnrs.fr/en/quantitative-biology-of-membrane-traffic-and-pathogenesis/>) is seeking to hire a highly motivated and enthusiastic post-doctoral researcher to develop a project in close collaboration within an international consortium established between **the MIVEGEC (IRD)**, **the IRIM (CNRS)** and **the Pasteur Institute of Cambodia**. The goal of this Collaborative Research Project, recently funded by the ANR (**-METABODEN-ANR AAP2023**), is to better understand the impact of dengue virus (DENV)-induced host lipid metabolism reprogramming on Dengue pathogenesis severity. The successful candidate will specifically investigate the role of lipid metabolism and lipidic organelles in myeloid immune cells functions and responses upon DENV infection while also contributing in deciphering the consequences on vascular integrity.

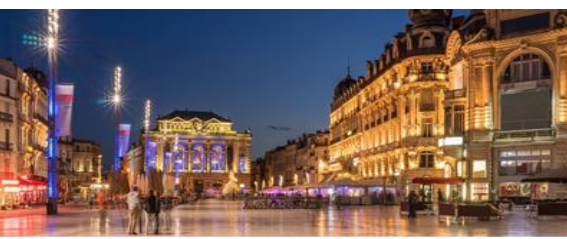
The post-doctoral project will be developed at the Institute of Research in Infectiology of Montpellier (IRIM), a scientific center of CNRS and Montpellier University supporting innovative and cutting-edge academic research covering broad aspects of human and animal infectious diseases in order to foster our current knowledge on host-pathogen interactions (<https://www.irim.cnrs.fr/>).

This project will be developed within the axis “DC antiviral immunity” of the team and will benefit from our strong expertise in handling and working with human primary immune cell subsets, biochemistry, immunology, virology and cell biology. The post-doctoral researcher will also benefit from access to outstanding facilities located in the laboratory and research campus (Category 3 laboratories, the MRI imaging and flow cytometry facilities, etc.) or close to it (the genomiX and proteomic facilities in Montpellier).

Publications related to the project and expertise of the team

Bournazos, S. et al., 2021, Science
Diop, F. et al., 2018, PLoS ONE
Zhang, J. et al., 2018, C.H&M.
Beatty, R. et al., 2015, Science Transl. Med.
Heaton, N.S. et al., 2010, C.H&M.
Luplerdlop, N. et al., 2006, EMBO Rep.

Papin, L. et al., 2023, Int.J.Mol.Sci.
El Alaoui, F. et al., 2022, ELife
Maarifi, G. et al., 2021, EMBO J.
Maarifi, G. et al., 2020, CMI.
Picas, L. et al., 2013, Nat. Comm
Blanchet, F.P. et al., 2010, Immunity



Eligibility criteria:

Required education level:

The candidate should have obtained or will soon complete a PhD in Virology or Immunology or Cell Biology.

Required competencies and skills:

The candidate should have or demonstrate the following,

- skills in handling and/or engineering mammalian cells and human primary cells
- ability or willingness to work in a BSL-3 area
- past experience with BSL-3-restricted pathogens (and specifically Flaviviruses) will be positively considered
- Past experience in lipid metabolism and/or omics approaches might be an asset.
- Excellent communication skills: strong reading, oral and writing skills in English At least basic notions of French.
- Excellent team-spirit and social nature

Based on the application files received and criteria requested, candidates might be called for an interview.

Application information

The candidate can apply online via the CNRS Job website

- In French: <https://emploi.cnrs.fr/Offres/CDD/UMR9004-FABBLA-003/Default.aspx>

- In English: <https://emploi.cnrs.fr/Offres/CDD/UMR9004-FABBLA-003/Default.aspx?lang=EN>

The interested applicant can also send an email to Fabien.blanchet@irim.cnrs.fr with the following information:

- An updated curriculum vitae.
- A motivation letter.
- The contact information of at least 2 references.

The deadline for application is set to 29th February 2024 and the position is expected to start in March - April 2024.

