

# POSTDOC POSITION IN MONTPELLIER

## Gene regulation/ DNA low complexity regions-DNA binding proteins

### Research interests

The goal of our research is to understand molecular mechanisms of gene expression in *Plasmodium falciparum*, the causative agent of malaria, using cutting edge technologies.

### The Lopez-Rubio lab (<http://lopeZRubiolab.eu/>)

Our group is based within the LPHI unit, in the University of Montpellier, France. Our team investigates *Plasmodium falciparum* nuclear biology. We are part of the [LabEx\\_ParaFrap](#), a national consortium that integrates leading groups of the French parasitology community.

<https://lphi.umontpellier.fr/en/lphi-teams/plasmodium-genome-plasticity>  
<http://www.labex-parafrap.fr/en/>

### Prerequisites

- A PhD
- Expertise in one of the following areas will be very appreciated:
  - molecular biology
  - molecular parasitology
  - gene regulation, chromatin biology and biochemistry;
- Ability to work self-motivated and as a team player in an international environment;
- Good verbal and written English skills;

### Position

The post-doc project aims to investigate the role of Low Complexity Regions in regulation of gene expression in *P. falciparum* (Menichelli et al., 2021) and the identification of proteins regulating this process.

The position is funded by an ANR grant and the salary based on the CNRS remuneration grade table. The contract will be for 2 years starting spring/summer 2023.

Menichelli C, Guitard V, Martins RM, Lèbre S, Lopez-Rubio JJ, Lecellier CH, Bréhélin L. Identification of long regulatory elements in the genome of *Plasmodium falciparum* and other eukaryotes. *PLoS Comput Biol.* 2021 Apr 16;17(4):e1008909.

### How to apply

Please send your application (motivation letter, CV, name of two referees and transcripts in one PDF) by email to [jose-juan.lopez-rubio@inserm.fr](mailto:jose-juan.lopez-rubio@inserm.fr).