

Position Title: Postdoctoral Researcher

Location: MIVEGEC, IRD, Montpellier France

Application Deadline: 01.11.2024

Position Start Date: January 2025 (flexible)

Duration: 3 years

About Us: IRD is a leading research institution dedicated to advancing scientific knowledge and improving human health. We are a multidisciplinary and diverse team within a prolific and exciting institute which includes state of the art facilities. We strive to create an environment where all individuals are valued, respected, and supported. Our team studies malaria parasites using advanced transcriptomics, cell and molecular biology, genetics, proteomics and deploys them in a variety of settings including the lab and parasites and host cells directly collected in naturally infected carriers. We are especially interested in understanding the host pathogen interface and cell fate decision which underly the pathology, persistence and transmission of parasites. The team consists of 2 research technicians, 2 postdocs and 3 PhD students.

Position Overview: We are seeking a highly motivated and talented Postdoctoral Researcher to join this ERC-funded project on host-pathogen interactions and immune evasion by malaria parasites. We aim to uncover the complex interactions between malaria parasites and the immune system *in vitro* and *in vivo*.

Key Responsibilities:

- Determine mechanisms of parasitic manipulation and counter measures from the immune system using an array of methods including biochemistry, transcriptomics, proteomics and cell biology.
- Collaborate with a multidisciplinary team of researchers, including biologists, and bioinformaticians.
- Lead the preparation of manuscripts.
- Mentor graduate students as needed.

Qualifications:

- You hold a PhD in a relevant field (immunology, molecular biology, parasitology)
- You have demonstrated your ability to lead a challenging research project
- You embrace data-driven research and are willing to collaborate with computational biologists
- Excellent problem-solving skills and the ability to work independently and as part of a team.
- Strong written and verbal communication skills in English.
- Commitment to diversity, equity, and inclusion in the research environment.

Desirable Qualifications:

- Experience in malaria research
- Experience with protein-protein interactions, single cell transcriptomics, cytometry.
- Familiarity with data analysis methods for single cell transcriptomics and proteomics.

Why Join Us:

- Opportunity to lead innovative research in a supportive and inclusive environment.
- Access to state-of-the-art facilities and resources.
- Professional development opportunities, including mentorship and training.
- Collaborative and multidisciplinary research community.
- Salary adjusted to experience level

How to Apply: Interested candidates should submit the following documents:

- A cover letter detailing your research interests and experience.
- Curriculum vitae (CV) including a list of publications.
- Contact information for two references.

Please submit your application materials to Arthur Talman arthur.talman@ird.fr

Feel free to contact me informally for more details.