



## POST-DOCTORAL POSITION IN IMMUNOLOGY

**Location:** Centre de Recherche en Infectiologie (CIRI, INSERM U1111, CNRS UMR 5308, ENS Lyon, UCBL1), Lyon, France

**Starting Date:** Can be flexible depending on candidate's availability. December 31<sup>st</sup> 2024 at the latest.

**Contract Duration:** 2 years, Université Claude Bernard, Lyon 1

**Fields:** Immunology, Inflammation, Sepsis

**Research team:** 'NLRP3 Inflammasome and Immune Response to Sepsis' – Dr Bénédicte PY  
[NLRP3 Team CIRI](#)

We develop a translational research program focused on the role of NLRP3 inflammasome in the immune response to sepsis defined as a life-threatening organ dysfunction caused by a dysregulated host response to infection.

We investigate whether NLRP3 inflammasome activation is central to the pathophysiology of sepsis with a dual role (i) through its hyper-activation during the initial phase of the disease leading to cytokine storm and organ failure and (ii) through its down-regulation/inhibition during sepsis-induced immunosuppression leading to immune dysfunctions, endotoxin tolerance and increased risk of secondary infections.

We are looking for a PhD-level scientist with training in immunology, cellular biology and animal models of infection.

This position is opened in the Centre de Recherche en Infectiologie (CIRI, INSERM U1111, CNRS UMR 5308, ENS Lyon, UCBL1), in Dr Bénédicte Py's team 'NLRP3 Inflammasome and Immune Response to Sepsis'. The CIRI is a highly dynamic environment fostering interactions between immunologists, bacteriologists, virologists and clinicians and providing all the necessary platforms and facilities for the project.

This position is opened starting in January 2024 for one year renewable for a total of 2 years.

### Who we are looking for :

A relevant doctor's degree e.g. in Immunology or Infectiology

High level of motivation, self-initiative and independency

Excellent team work and communication skills

Excellent language skills in English (both oral and written)

First-rate cell biology knowledge and skills with a strong background in Immunology

Previous experience in animal models of infection

Strong publication record in international journals (postdoctoral researcher) at least in one of the following areas: Immunology, Infectiology, Molecular and Cellular Biology.

For more information and to apply for this position, please contact Pr Fabienne VENET (fabienne.venet@chu-lyon.fr).

Please include a cover letter addressing your interest in the position along with your CV, full publication list, list of selected publications and contact information for three references in your application.