

**Post-doctoral Research Opportunity
in NeuroVirology
at the Institut Pasteur, Paris, France**



A post-doctoral position is available in the research team of Dr Guilherme Dias de Melo in the Lyssavirus Epidemiology and Neuropathology unit, headed by Pr Hervé Bourhy. The team develops cutting-edge research to understand the **basis and consequences of neurotropism**.

The **ANR-funded project N3CoV** is an innovative initiative that aims to unravel the neurotropic mechanisms of SARS-CoV-2. The project seeks to understand how infection can lead to the development of persistent long Covid symptoms and trigger neurodegenerative processes.

Project Overview

- Investigate neuronal activity and neural stem cell fate in both acute and persistent infection
- Construct a hamster brain atlas under infection with temporal, spatial and single cell resolution
- Utilize cutting-edge techniques including **microelectrode arrays**, **microfluidics**, **animal behavior** and **spatial transcriptomics** under infectious conditions
- **Bridge hamster and human biology** to find common molecular signatures and potential therapeutic targets

Your profile

We are looking for a highly motivated and enthusiastic candidate with interest in neurovirology. Ideal applicants hold:

- A **PhD in cell and molecular biology OR virology**
- A solid background in **virology**, **transcriptomics** and **imaging**
- Hands-on experience with **experimental animal and/or iPSCs models**
- Technical expertise in working in **BSL-3 environment**
- A collaborative and creative spirit
- Scientific writing and publishing experience
- Strong written and oral communications skills in English

We offer

The Institut Pasteur is a renowned biomedical research center located in Paris, France. We offer:

- a collaborative, dynamic, interdisciplinary, international and creative environment
- access to **state-of-the-art technology and platforms**, and centrally organized training opportunities
- a diverse postdoctoral community
- a dedicated **career development support** service within the institute
- a starting gross annual salary of €40,320, with raises based on years of experience after the PhD
- other benefits: 32 days of paid leave + public holidays, 75% reimbursement for public transportation, employer-subsidized supplemental health insurance
- a **2-year** position, with the possibility to extend the contract by applying to further funding

Application

- Start date: **October/November 2025** (negotiable). Application deadline: **September 12, 2025**.
- Interested candidates can submit their application with a detailed **CV**, a **cover letter** detailing skills and motivation, and contact information of at least **two references** to Guilherme Dias de Melo (guilherme.dias-de-melo@pasteur.fr).

We look forward to receiving your application.

Selected lab publications:

PMID: [40695836](#), [39383863](#), [38049391](#), [37648855](#), [36264829](#), [33941622](#)

