

MSCA Postdoctoral Fellowship - Expression of Interest

(Call 2026 - Start 2027)

We are seeking a highly motivated postdoctoral researcher to jointly apply for a Marie Skłodowska-Curie Postdoctoral Fellowship (MSCA PF) to be submitted in 2026, with an expected start date at the beginning of 2027.

Project description

The proposed project is conceived as a flexible and collaborative research framework aiming to advance the molecular, cellular, and immunological understanding of human parainfluenza viruses (HPIV-1 to HPIV-4) through an integrated translational approach. The fellow will contribute to the investigation of HPIV infections using clinical viral strains and advanced human respiratory organoid models to explore viral replication dynamics, cell tropism, and host responses, while also examining innate and adaptive immune responses in hospitalized pediatric patients for antibody characterization and translational applications. Innovative ideas and complementary approaches proposed by the candidate to generate a high-impact project for the MSCA PF call are strongly encouraged.

Laboratory and research environment

The postdoctoral fellow will be conducted within the DYNAMICURE lab (<https://dynamicure.normandie-univ.fr/presentation-de-lequipe/qui-sommes-nous/>), an interdisciplinary research group with strong expertise in clinical virology, infectious diseases and viral genomics. The host environment provides access to cell culture facilities, a state-of-the-art genomic platform (ASGARD), clinical cohorts through the hospitals (retrospective and prospective), advanced imaging facilities, and developing access to proteomics platforms, offering an exceptional multidisciplinary research ecosystem. DYNAMICURE offers a highly stimulating scientific environment, strong collaborative networks, and solid experience in student supervision and training. In addition, Rouen city offers an exceptional quality of life, combining a rich historical heritage, a vibrant cultural scene, and a dynamic academic and biomedical research environment

Candidate profile

Applicants must hold a PhD by the MSCA PF application deadline or have less than 8 years of experience since obtaining their PhD. The candidate must demonstrate strong research experience in virology, viral genomics, immunology, or related fields. Precisely, the ideal candidate will have solid experience in sequencing, organoid or advanced *in vitro* models in virology, and neutralization assays, with at least one peer-reviewed publication in these areas. Excellent English communication skills, strong scientific autonomy, and motivation for an international and competitive MSCA application are essential. Eligibility for MSCA PF mobility rules is required (not having stayed in France for more than 12 months in the last 3 years) (<https://marie-sklodowska-curie-actions.ec.europa.eu/calls/msca-postdoctoral-fellowships-2026>).

Application

Interested candidates should send their motivation letter, CV (with at least two references), and research statement (maximum 2 pages) describing their experience and research interests to the Project Manager, Dr. Nancy León-Janampa (nancy.leon-janampa@univ-rouen.fr) and the Unit Director, Dr. Jean-Christophe Plantier (Jc.Plantier@chu-rouen.fr) until March 1st, 2026.