

A Post-doctoral position in Tumor Immunology is available in the Molecular Radiotherapy INSERM U1030 unit at Gustave Roussy Cancer Campus, Paris.

Radiation therapy is one of the cornerstones of anticancer treatment. Our laboratory is deciphering immune resistance mechanisms that impede the efficacy of radiotherapy. We are currently characterizing the relationship between different types of cellular stress (such as cytosolic DNA, DNA damage and aneuploidy), cancer cell death and senescence modalities and the modulation of immune checkpoints occurring in the context of radiation therapy strategies.

One post-doctoral position will be available to study combination of radiotherapy with novel immunotherapy strategies.

The goal of our research program is to identify and decipher molecular, metabolic and immunologic mechanisms involved in the response to radiation therapy. This program should generate numerous future candidate druggable targets and will help us to transfer our findings from the laboratory to the clinic.

Our internationally recognized laboratory is equipped with state-of-the-art technical facilities for high-throughput flow imaging, cytometry and video-microscopy.

We are looking for highly motivated Postdoctoral Fellow with a track record of publications. The candidates should have strong academic and scientific backgrounds in immunology and animal experimentation, excellent oral and written communications skills, and evidence of scientific productivity. Preference will also be given to candidates with a background in multicolor flow cytometry and CyTOF.

The position will remain open until filled and is available in February 2020 for a minimum of 1 year (up to 2 years).

Applicants should send an application letter, a synopsis of research interests, a Curriculum Vitae, a list of publications, and contact information for three references to Dr. Jean-Luc PERFETTINI ([perfettini@orange.fr](mailto:perfettini@orange.fr)).