



ENVIRONNEMENT ET CONTEXTE DE TRAVAIL

Notre établissement fait partie de l'Université PSL. Située au cœur de Paris, celle-ci fait dialoguer tous les domaines du savoir, de l'innovation et de la création. Classée parmi les 50 premières universités mondiales, elle forme au plus près de la recherche des chercheurs, artistes, ingénieurs, entrepreneurs ou dirigeants conscients de leur responsabilité sociale, individuelle et collective.

STRUCTURE D'ACCUEIL

The Curie Institute Research Center

The “Institut Curie” is a major player in the research and fight against cancer. It consists of a hospital and a Research Center of more than 1000 employees with a strong international representativeness.

The objective of the Curie Institute Research Center is to develop basic research and to use the knowledge produced to improve the diagnosis, prognosis, and therapeutics of cancers as part of the continuum between basic research and innovation serving the patient.

MISSIONS

ACTIVITÉS PRINCIPALES

Laboratory

Institut Curie is one of the largest European institutions for cancer and biomedical research with strong interdisciplinary traditions. It is located in the center of Paris in France, in a both cultural and scientific rich environment. The site has active seminar program and hosts regular training sessions in molecular and cellular biology. The project will be developed in Center of Cancer Immunotherapy headed by Dr S. Amigorena and the Clinic Immunology Laboratory headed by Dr O. Lantz. The Immunology Department headed by Dr. AM Lennon includes 8 independent research teams in the fields of basic and applied immunology, working in a very collaborative and international environment. Candidate will work under the supervision of Dr. Olivier Lantz and Dr. F. Lucibello. The aim of the team is to characterize the biology of T cells, their interaction with other cells of the immune system, and their role in cancer, in both humans and through mice models. The open position is in line with recent developments at the interface between Immunology and Cancer (*Bigot et al. Cancer Discovery, 2021; Lucibello et al., JEM, 2024*). More information: www.curie.fr and <http://u932.curie.fr/>.

Missions

The research group of Dr. Olivier Lantz (Inserm U932, Paris, France) is seeking a postdoctoral fellow in immunology and oncology. The successful candidate will work on projects focused on the identification and validation of tumor-specific neoantigens shared between patients with non-small cell lung cancer NSCLC.

The project aims to characterize tumor-specific T cell responses directed against neoantigens in human cancer. In silico-predicted neoantigens will be evaluated using immunopeptidomics approaches. Following the identification of the most promising epitopes, their spontaneous immunogenicity and the T cell responses they elicit in patients will be assessed.

Immune responses induced in NSCLC patients treated with immunotherapy will be analyzed in both blood, tumor draining lymphonode and tumor samples. Tumor-specific T cells will be studied using flow cytometry, single-cell technologies (including single-cell RNA sequencing), tetramer staining, and functional assays such as in vitro T cell culture and cytotoxicity (killing) assays. Bioinformatics skills will be considered a strong asset.

The candidate will work in close collaboration with two engineers within the research team and with F. Lucibello.

PROFIL DU CANDIDAT

SAVOIRS ET COMPÉTENCES ATTENDUS

- PhD in immunology, molecular and cellular biology, or biotechnology
- Knowledge in human immunology, oncology and immunotherapy
- Expertise in flow cytometry is mandatory
- Scientific rigor and excellent analytical and synthetic capabilities
- Team spirit and dynamic personality with passion for innovation and problem-solving
- Good proficiency in English

All our opportunities are open to people with disabilities

Contract information

Type of contract: *CDD*

Starting date: *as soon as possible*

Duration: *18 months to 3 years*

Working time: *full time*

Remuneration: according to the current grids

Benefits: Collective catering, reimbursement of transportation fees up to 70%, supplementary health insurance

Location of the position: *Paris*

Contact

Please send your CV, letter of motivation and 2 references

Publication date: 11 Feb 2026

Deadline for application: until filled

***Institut Curie is an inclusive, equal opportunity employer
and is dedicated to the highest standards of research integrity.***

https://euraxess.ec.europa.eu/sites/default/files/brochures/eur_21620_en-fr.pdf

DIPLÔME ET EXPÉRIENCE PROFESSIONNELLE

Bac+6 et plus

NON DISCRIMINATION, OUVERTURE ET TRANSPARENCE

Notre établissement, comme l'ensemble de l'Université PSL, s'engage à soutenir et promouvoir l'égalité, la diversité et l'inclusion au sein de ses communautés. Nous encourageons les candidatures issues de profils variés, que nous veillerons à sélectionner via un processus de recrutement ouvert et transparent.

CONTACT

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AUTRES INFORMATIONS

Type de contrat / de poste : **CDD**

Durée du contrat : **18 mois**

Référence
ftdl8hoqnh

PUBLIÉ LE 11/02/2026

L'Université PSL (Paris Sciences & Lettres)

