



# MISSIONS

## MAIN TASKS

### 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](http://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.

## APPLICANT PROFILE

## **KNOWLEDGE AND QUALIFICATIONS EXPECTED**

- 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.***

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## 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

ftdl8hoqnh5k@emploi.beetween.com

## OTHER INFORMATION

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

Durée du contrat : **18 mois**

Reference  
**ftdl8hoqnh**

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## Université PSL (Paris Sciences & Lettres)

