WORKING ENVIRONMENT AND CONTEXT

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.

HOSTING STRUCTURE

The Curie Institute Research Center

The Institut Curie is a major player in 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

MAIN TASKS

The Pediatric Translational Oncology Research Team (Dr. Schleiermacher) within INSERM Unit U1330 (CONCERT, Director: Olivier Ayrault), develops innovative approaches to analyze biomarkers derived from peripheral samples (circulating tumor DNA, RNA, proteins). This research relies on large cohorts of patients with high-risk pediatric cancers to investigate mechanisms of oncogenesis, treatment resistance, and metastatic dissemination.

We are seeking a Research Engineer for a position with a strong experimental focus involving routine production of NGS libraries and standard sequencing data analysis. The candidate will contribute to data interpretation in close collaboration with the bioinformaticians in the team.

The successful candidate will contribute to the development and implementation of novel technologies based on peripheral samples (blood, bone marrow, cerebrospinal fluid) with a focus on circulating free DNA and other molecular biomarkers. The position is embedded in a multidisciplinary environment combining high-throughput sequencing, molecular and cellular biology and translational research applications.

Main responsibilities

· Preparation of NGS libraries (DNA/RNA) from peripheral samples (blood, bone marrow, CSF) including circulating free DNA (cfDNA).

· Development, implementation and optimization of biomolecule analysis methods and detection of genetic alterations using NGS approaches (WES/WGS, RNA-seq).

· Transfer, validation and application of methods to pediatric patient cohorts.

· Production and management of sample batches with rigorous traceability.

· Close collaboration with the sequencing platform (ICGex) and bioinformaticians for data monitoring and interpretation.

· Contribution to the synthesis and presentation of results.

· Contribution to continuous improvement of protocols and analytical performance

APPLICANT PROFILE

KNOWKEDGE AND QUALIFICATIONS EXPECTED

· PhD in molecular biology, biochemistry, or a related field.

· Experience in NGS library preparation and use of sequencing platforms (e.g., Illumina).

· Expertise in molecular biology techniques (DNA/RNA) and quality control.

· Experience in routine NGS data production using complex biological samples.

· Understanding of NGS data formats (FASTQ, BAM) and ability to interact effectively with bioinformaticians.

· Strong experimental rigor, organizational skills and ability to handle large sample volumes.

· Ability to work in a multidisciplinary team environment

All our opportunities are open to people with disabilities.

Contract information

Type of contract: CDD

Starting date: As soon as possible

Duration: 18 months renewable

Working time: 39 h

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: 06/05/2026

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

cixxx534ih5k@emploi.beetween.com

OTHER INFORMATION

Type de contrat / de poste : **CDD**
Durée du contrat : **18 mois**

Reference
cixxx534ih

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