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

France’s leading cancer research and treatment centre, Institut Curie unites a renowned research centre and a specialist hospital, fostering close collaboration between scientists, clinicians and healthcare professionals. It offers an environment of excellence where expertise comes together around shared values: care, humanity, openness, collaboration, efficiency, innovation, solidarity and commitment.

MISSIONS

MAIN TASKS

Laboratory

The research engineer will join the Chemical Biology of Cancer unit (Inserm U1339 / CNRS UMR3666), directed by Dr Fatima Mechta-Grigoriou (deputy directors: Ludger Johannes, Raphaël Rodriguez). Under the joint supervision of Institut Curie, Inserm and CNRS, the unit hosts 9 teams with complementary expertise in Biology, Chemistry and Medicine, aiming to dissect the heterogeneity and dynamics of tumours and their micro-environment and to develop innovative therapeutics. The research engineer will join the Biomedicine team led by Dr Raphaël Rodriguez, CNRS Research Director and deputy director of the unit.

Recruitment context: the CADENCE project (CADmium Enrichment during Cancer initiation and Evolution) aims to demonstrate the role of cadmium, a major environmental contaminant, in cancer initiation and evolution. Building on a cohort of more than 3,000 human tumours, metallomics analyses, multi-omics approaches and experimental models, the project seeks to understand how cadmium disrupts the homeostasis of essential metals and promotes tumour plasticity and cancer progression. The recruited research engineer will play a central role in the implementation, coordination and scientific monitoring of the project.

Link of the unit: https://curie.fr/unite/u1339-umr3666 – Link of the team: https://curie.fr/equipe/rodriguez

Missions

Scientific coordination and project management: organisation of experimental work packages, coordination between researchers, clinicians, biobanks and platforms, milestone monitoring, data quality and traceability, scientific reports and funder deliverables.

Biobank management: integration and monitoring of tumour samples and clinical data from partner centres, sample flows to the metallomics, transcriptomics and proteomics platforms, analysis of several thousand samples.

Experimental development: cell culture, trace-metal treatments, flow cytometry, immunofluorescence, Western blot, cell plasticity and EMT, validation of candidate metal transporters (RNAi, CRISPR).

Multi-omics integration: interface with the RNA-seq, proteomics and metallomics platforms, quality control, integration of biological and clinical data, identification of cadmium's molecular mechanisms.

Scientific valorisation: consortium meetings, presentation of results to partners, contribution to publications and grant applications.

APPLICANT PROFILE

KNOWKEDGE AND QUALIFICATIONS EXPECTED

Training and experience required

- Training and level requested: engineering degree or Master's degree (M2) with significant experience in biomedical research; a PhD will be considered an asset.

- Professional experience desirable: experience in cell and molecular biology; experience in collaborative project management; familiarity with omics approaches or translational programmes; experience in cancer research highly appreciated.

- Knowledge of the techniques applied in the field: cell culture, flow cytometry, immunofluorescence and microscopy, Western blot, DNA/RNA molecular analyses, biological database management. Assets: knowledge of metallomics, metal metabolism or environmental toxicology; experience working with human sample collections; knowledge of transcriptomics or proteomics approaches.

Skills required

- *Language skills: fluent English.*

- *IT skills: data analysis with R, Python or equivalent statistical software; biological database management.*

- *Ability to work independently, strong organisational and prioritisation skills, scientific rigour, aptitude for multidisciplinary projects with high societal impact.*

- *Ability to communicate: capacity to interact with researchers, good interpersonal skills.*

Contract information

Type of contract: Fixed-term contract (CDD)

Starting date: as soon as possible

Duration: 24 months

Working time: full time

Gross annual salary: from 29240€ to 39808€ according to the current grids

Benefits: Collective catering, reimbursement of transportation fees up to 75%, supplementary health insurance

Location of the position: Paris

Contact

Please send your CV, letter of motivation and 2 references

Publication date: 20/11/2026

Deadline for application: Once filled

Faithful to the legacy of its founder, the Institut Curie is deeply committed to promoting equal opportunities, diversity, and inclusion. Convinced that diversity of backgrounds and experiences contributes to collective performance, we strive to provide everyone with a respectful and equitable working environment and encourage all candidates to apply for our job opportunities.All our opportunities are open to people with disabilities.

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

DIPLÔME ET EXPÉRIENCE PROFESSIONNELLE

Bac+5, 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

xuzjqeose25k@emploi.beetween.com

OTHER INFORMATION

Wage : **De 29240.0 à 39808.0 € (Euros) par an**
Type de contrat / de poste : **CDD**
Durée du contrat : **24 mois**

Reference
xuzjqeose2

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