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

"Chemical Biology of Cancer" Unit - Director: Fatima Mechta-Grigoriou

Institut Curie - U1339 Inserm - UMR3666 CNRS

“Stress and Cancer” Laboratory - Director: Fatima Mechta-Grigoriou

https://curie.fr/equipe/mechta-grigoriou

This position is associated with the ARTURO project, funded by the European Commission under the Horizon Europe programme (Cancer Mission 2023).

International collaboration between Institut Curie and Assistance Publique Hôpitaux de Paris - Bichat hospital (France), Universidade Catolica Portugueasa and Fundação Gaspar Frutuoso (Portugal), University of Rome TorVergata and Humanitas University in Milan (Italy).

Coordinated by Dr Maria Carla Parrini.

https://www.arturoproject.eu

Therapy resistance remains a major challenge in oncology. Recent studies suggest that the intratumoral microbiome influences responses to anticancer treatments, particularly immunotherapy. The ARTURO project aims to better understand the role of bacteria and their metabolites in the tumor microenvironment and in drug response through an innovative 3D tumor-on-chip model integrating clinical data, multi-omics analyses, and state-of-the-art technologies. The research focuses on non-small cell lung cancer and invasive lobular breast cancer.

Missions

- Perform bioinformatics analyses of transcriptomics data (bulk RNA-seq, deconvolution, scRNA-seq, and Visium HD spatial transcriptomics).

- Interact on a daily basis with experimental scientists generating the data.

- Conduct scientific and technological monitoring relevant to the project.

- Communicate analysis results through meetings, written reports, and scientific publications.

APPLICANT PROFILE

KNOWKEDGE AND QUALIFICATIONS EXPECTED

Training and experience required

- Master's degree or PhD in a field related to bioinformatics (the development of a PhD project on the topic is an available opportunity).

- Previous experience in the analysis of sequencing data (bulk RNA-seq, single-cell RNA-seq, and/or spatial transcriptomics).

Skills required

- Fluent in English.

- Analysis of high-dimensional omics data.

- Proficiency in high-level programming languages such as Python and/or R, and familiarity with good coding practices.

- Strong interest in the analysis of complex and heterogeneous biological datasets.

- Desired personal qualities: autonomy, organizational skills, teamwork, and the ability to work effectively in a multidisciplinary environment.

Contract information

Type of contract: Fixed-term contract

Starting date: January 2026

Duration: 18 months

Working time: full time

Gross annual salary: 29240 € to 36219 € 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: 15/10/2026

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

9jg1pw26y35k@emploi.beetween.com

OTHER INFORMATION

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

Reference
9jg1pw26y3

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Université PSL (Paris Sciences & Lettres)