

MISSIONS

MAIN TASKS

At the Paris campus of the Institute Curie, the Translational Research in Pediatric Oncology (RTOP; Head: Dr. G. Schleiermacher) team of INSERM Unit 1330 (CONCERT; Director: Olivier Ayrault) develops methods for analyzing molecules isolated from peripheral samples (circulating cell-free DNA, cell-free RNAs, proteins) in large cohorts of patients with high-risk pediatric cancers (neuroblastoma, other high-risk cancers) in order to study mechanisms of oncogenesis and treatment resistance.

We are currently recruiting a postdoctoral researcher whose mission will be to develop approaches for studying methylation in patients with neuroblastoma, to contribute to improving the diagnosis and management of these patients, as well as our understanding of tumor development and metastatic dissemination. The candidate will work in an interdisciplinary environment involving next-generation sequencing methods, molecular tool development, and cell biology/screening applications, using both commercial and in-house solutions.

Essential duties and responsibilities

- Analysis of methylome dysregulation at the tumor level and in circulating DNA in neuroblastoma, to identify tumor subgroups and to analyze the role of divergent profiles in treatment resistance.
- Promoting the study of genetic and epigenetic alterations, and DNA-protein interactions, based on the development of new approaches to liquid biopsy analysis (NGS, WES, ChipSeq, exosomes, and other techniques) in neuroblastoma.
- Interface with the team's bioinformaticians for data analysis and interpretation.

APPLICANT PROFILE

KNOWLEDGE AND QUALIFICATIONS EXPECTED

- Ph.D. in Molecular Biology, Chemistry, Biochemistry, or Biomedical Engineering with experience in technology development supported either by publications or patents (1-3 years).
- Hands-on experience with genomics technologies essential (i.e. qPCR, digital PCR, etc).
- Experience with NGS and data management a definite plus.
- Broad-knowledge of standard cell biology, DNA and RNA molecular biology techniques required.
- Desire to not only answer biological questions, but to innovate technology.
- Ability to work in a matrix environment sharing many tasks with the team and to rapidly evolve to meet changing needs.
- Ability to conduct research independently, work in a multidisciplinary environment, and collaborate nationally and internationally.

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: 29/01/2026

Deadline for application: until filled

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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

txxdf2jh0j5k@emploi.beetween.com

OTHER INFORMATION

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

Durée du contrat : **18 mois**

Reference
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