Postdoctoral position on alternative splicing, microproteins and cancer (M/F)

The hosting structure

Institut Curie Research Center
Institut Curie is a major player in the research and fight against cancer. It consists of a Hospital group and a Research Center and carries out clinical, transfer and basic research (from physics to biology). The Research Center includes more than 1000 employees with a strong international representativeness; English is the commonly used language in the institute. Institut Curie has various high-quality platforms (*e.g.*, omics, bioinformatics, CRISPR, imaging, cell screening, chemical library, *in vivo* investigation, tumor collections, etc.).

Context

Host laboratory
The host lab (Inserm U1278, *"RNA biology, signaling and cancer"*, https://institut-curie.org/popin/team-stephan-vagner) is interested in the role of RNA processes (*e.g.*, alternative splicing, polyadenylation, translation) and RNA-binding proteins in cell response/ resistance to genotoxic and other anticancer agents (Cerezo et al., *Nat Med* 2018; Shen et al., Nat Commun 2019; Tanaka et al., *Nucl Acids Res* 2020; Dutertre et al., *TIBS* 2021; Fabbri et al., *Nat Rev Cancer* 2021; Chakraborty et al., *Genome Res* 2022; Sfaxi et al., *EMBO J* 2023). The team includes 4 permanent researchers, 6 engineers, 2 postdocs and 5 PhD students, and is part of the *"Genome integrity, RNA and cancer"* Unit (UMR-3348 CNRS).

Project
The hired postdoc will work on an INCa-funded project linking alternative splicing, microproteins and cancer.

Candidate Profile

Training and Skills required
- **Training:** Candidates must hold a PhD in molecular biology or a related field and should be the first author of at least one accepted publication.
- **Scientific skills and expertise:** Expertise and skills in molecular biology are required. Expertise in RNA biology or microproteins is desirable.
- **Language skills:** English.

Abilities
- Ability to design and carry out molecular biology experiments.
- Ability to interprete, discuss and communicate scientific data.
- Ability to work in a team.

All our opportunities are open to people with disabilities.

Contract information

Type of contract: Fixed-term contract
Starting date: As soon as possible from December 2023

Duration: 1 year (renewable)
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: Orsay (Paris Saclay University campus)
Reference: 2023-10-UMR3348-POSTDOC01

Contact

Please send your CV, letter of motivation and 2 references, to Martin DUTERTRE at martin.dutertre@curie.fr.

Publication date: October 5th, 2023
Deadline for application: November 24th, 2023

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and is dedicated to the highest standards of research integrity.