



Postdoctoral position

Epigenetics and Cell Fate Centre
CNRS / Université Paris Cité
Paris, France

Applications are invited for a 3-year postdoctoral position in the laboratory of Dr. Sophie Polo (<https://epigenetics.u-paris.fr/polo-group/>) at the Epigenetics and Cell Fate Centre in Paris. The position is available from **January 2025** (open until filled).

Project description

Our research work combines cutting-edge imaging technologies with proteomics and next-generation sequencing to decipher how genome and epigenome maintenance are coordinated in mammalian cells challenged by genotoxic stress. The proposed postdoctoral work aims at targeting the DNA repair defect that we identified in histone H3 mutant pediatric high-grade glioma (Giacomini et al., *Nucleic Acids Res* 2024), as part of a collaborative project with the teams of David Castel, Beatrice Rondinelli (Institut Gustave Roussy, Villejuif), Cynthia Hawkins (Sick Children Hospital, Toronto) and Françoise Ochsenbein (I2BC, Saclay).

Place of work

The successful applicant will join a dynamic research group within a network of six teams working on epigenetics and cell differentiation at the Epigenetics and Cell Fate Centre. This highly vibrant research center is attached to the University Paris Cité, an international and multidisciplinary research environment in central Paris, and offers access to state-of-the-art facilities.

How to apply?

We invite applications from highly self-motivated individuals with a strong interest in chromatin organization, cancer and/or the DNA damage response. Candidates holding, or shortly expecting to be awarded, a PhD degree in related fields are encouraged to apply. Applicants should have at least one publication as first author.

Interested candidates should send a CV including publication record, a brief description of their research interests and contacts details for two referees to Dr. Sophie Polo (sophie.polo@u-paris.fr).

