

Cell Biology Engineer position (M/F)

Position available on January 2021

Location : Institut Curie - Research center, Paris

16, rue Lhomond, 75005 Paris

The hosting structure

The Curie Institute Research Center

The Institut Curie is a major player in the research and fight against cancer. It consists of a hospital and a Research Center of more than 1000 employees with a strong international representativeness.

The objective of the Curie Institute Research Center is to develop basic research and to use the knowledge produced to improve the diagnosis, prognosis, and therapeutics of cancers as part of the continuum between basic research and innovation serving the patient.

Description of the project

The research project, funded by the ANR and supervised by Gaëlle Boncompain, focuses on the organisation and functions of the Golgi apparatus in induced pluripotent stem cells (iPS) undifferentiated and differentiated in many cell types. This project will be conducted in the team "Dynamics of intracellular organization" headed by Franck Perez in the "Cell biology and Cancer" unit.

The engineer will be in charge of the culture of iPS cells and their differentiation and analysis. She/he will generate molecular tools necessary to the project (plasmid construction, genome editing using CRISPR/Cas9...)

Main activities:

- cell culture: culture and differentiation human induced pluripotent stem cells (iPS)
- transfection (electroporation, lentiviral transduction)
- molecular biology (cloning, western blot, CRISPR/Cas9)
- immunofluorescence
- epifluorescence microscopy and confocal microscopy
- presentation of results
- participation to the activities of the team (journal clubs, lab meetings)
- tasks common to the team

Candidate profile

Experience level / degrees required

- Master 2 in biology (cell biology and/or molecular biology)
- prior experience in a research lab will be an asset

Candidate profile

- skills in adherent cell culture required
- good organization and good monitoring capacity (laboratory notebook, presentation of the results)
- knowledge in cell biology
- knowledge in molecular biology
- excellent capacities for team work and communication
- good English level

Contract information

Type of contrat : CDD

Duration : 18 months (with 6 month possible extension)

Working time : full time

Advantage : Collective catering, reimbursement of transportation fees up to 70%, supplementary health insurance

The remuneration will follow the rules of the Research Center and will depend on the experience of the candidates

Contact

Please send your CV, letter of motivation and 2 references, to : gaëlle.boncompain@curie.fr

Publication date : Nov. 20th, 2020

Deadline for applications : Dec. 20th, 2020

*Institut Curie is an inclusive, equal opportunity employer
and is dedicated to the highest standards of research integrity.*