ENVIRONNEMENT ET CONTEXTE DE TRAVAIL

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.

STRUCTURE D'ACCUEIL

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.

MISSIONS

ACTIVITÉS PRINCIPALES

Mission

The position is available within the Experimental Radiotherapy Platform, led by Frédéric Pouzoulet.

The mission of the Experimental Radiotherapy Platform is to provide users with various types of ionizing radiation sources for treating both cells and animals.

This position is open as part of new activities in microPET/CT imaging and targeted radionuclide therapy. PET (Positron Emission Tomography) is a non-invasive functional imaging technique requiring the injection of a positron-emitting radioactive tracer. The installed equipment is coupled with a CT scanner for anatomical imaging.

The development of these activities will be carried out in collaboration with the Laboratory of Translational Imaging in Oncology, led by Irène Buvat.

In this context, the main duties of the engineer will include:

Participating in the management of imaging equipment on the platform, including quality control and usage.

Participating in the management of radiation protection for both sealed and unsealed sources, handling activities in hot zones and the use of sealed sources.

Detailed Missions Under the authority of the Platform Manager, the engineer will be responsible for:

Conducting imaging acquisitions (microPET/ microCT);

Monitoring radiation protection;

Organizing orders and transport of unsealed radioactive sources ;

Assisting in the implementation and execution of quality controls for the imaging systems on the platform;

Participating in imaging acquisitions and/or protocol setup for multimodal imaging;

Developing technological enhancements for the imaging systems' usage;

Analyzing and presenting measurement results to produce experiment reports and technical notes;

Developing consulting and training activities for users and scientific partners;

Staying updated on technical advances and implementing them within the platform;

Overseeing maintenance, operational monitoring, training, and management of the platform's equipment;

Managing animals (including rodents) involved in the projects (monitoring (cage changes, socialization (rats), weight tracking), animal transfers, anesthesia, and setup on imaging devices).

PROFIL DU CANDIDAT

SAVOIRS ET COMPÉTENCES ATTENDUS

Profile

Education and Experience

Master’s degree (Bac+5) to PhD level (Bac+8) in Physics, Medical Physics, Biology, or Imaging;

Open to hospital staff such as radiology technologists, medical physics assistants, etc.;

Expected professional experience: 2 to 5 years;

Expected certifications: Level I Animal Experimentation (Designer);

Strong knowledge of PET imaging is highly appreciated.

Skills and Required Qualities

Dosimetry;

Acquisition and interpretation of CT and PET images;

Image analysis;

Management of radioactive tracers;

Proficiency in office IT tools;

Experience with small animals (rats, mice): handling, anesthesia, injection;

Language skills: good command of English, command of French appreciated but not compulsory;

All our opportunities are open to candidates with disabilities.

Contract type: Fixed-term contract (COD)

Start date: As soon as possible

Contract duration: 36 months

Work time: Full time – 39 hours per week

Salary: According to current salary scales

Benefits: Staff catering, 70% coverage of the annual public transport pass, company health insurance

Location: Orsay

The Institut Curie is an inclusive equal opportunities employer. It is also committed to high standards of research integrity.

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

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AUTRES INFORMATIONS

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

Référence
u5m80xr79p

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L'Université PSL (Paris Sciences & Lettres)