

# **TECHNICIAN FOR THE HUMAN INDUCED PLURIPOTENT STEM CELL PLATFORM (HIPS): ADMINISTRATIVE, MAINTENANCE AND LABORATORY EXPERIMENTATION**

## **Description:**

The **GIGA Institute** from the l'Université de Liège opens a post of laboratory technician for the **Human iPS Platform** for the accomplishment of administrative tasks, maintenance of the installations and for the performance of tissue culture/laboratory experiments related to various projects.

This announcement has the objective of hiring a hiPS technician to start the activities associated with the opening of a novel human iPS Platform to perform its research activities in collaboration with Researchers from the University of Liège-GIGA but also with external Researchers and Industry partners. The function of the hiPS technician will be based on a 50%: i) administrative and maintenance tasks to support the opening/running of the hiPS Platform and installations; and ii) the execution of experiments associated to various projects of the hiPS Platform.

Administrative/Maintenance tasks are related to the maintenance of the human iPS Platform installations, including all the material and equipment of the rooms; orderings of tissue culture reagents and materials and following up of the orderings; and organization of the rooms. Laboratory experimentation tasks are related to the preparation of various tissue culture media formulations, the culture/passage/maintenance of stock human stem cell lines, and the execution of experiments for various projects.

## **CONDITIONS OF ENGAGEMENT**

Fixed termed contract of **one year, renewable, full-time**. The position is **open from the 1<sup>st</sup> of September 2024**.

Based on a complete file, the ULiège Human Resources Administration can estimate gross monthly remuneration.

The remuneration will be covered by the budget of the Assoc. Prof. Ira Espuny Camacho, head of the novel hiPS Platform.

## **Tâches et missions:**

☒ Organisation and follow up the hiPS rooms/installations for the good functioning of equipment and stock of materials, on a regular basis

☒ Ordering/Follow up of orders of tissue culture reagents and materials required for the functioning of the hiPS Platform and storing/filing up necessary documents related to this task

☒ Weekly/monthly activities for the cleaning/maintenance of the equipment of the rooms (organization and execution)

☒ Follow up stocks of human stem cell lines cryopreserved and update of list of materials

☒ Participation in the generation of quotations and budget studies for the execution of projects with internal and external partners

☒ Follow up requests from clients/partners internal and external

☒ Weekly preparation of various culture media formulations and buffers/solutions for the hiPS rooms

☒ Regular maintenance of tissue culture human stem cell lines: passage, culture, freezing stock cells and inspection/analysis of cell lines

☒ Reprogramming of adult somatic human cells (fibroblasts and PBMC from blood cells) from patients and non-patient donors

☒ Validation of reprogrammed hiPS lines by quantitative PCR and Immunofluorescence of hiPS lines and embryoid bodies derived from them

☒ Bimensual analysis of genomic alterations of cultured hiPS lines by qPCR analysis

☒ Execution of specific experiments related to ongoing projects: differentiation of human iPS cells into 2D and 3D in vitro models

## Formation requisite:

A recent Bachelor degree in Biology, Biomedical Sciences, Chemistry or related, (1-2 years max)

## Critères et exigences:

- ☒ Experience in tissue culture techniques and molecular biology techniques (PCR, qPCR) through documented experience in a research lab or hospital facility
- ☒ Good use of the Microsoft Package: Word, Excel, Power Point, and Prism programs
- ☒ Good knowledge of French (read, write, oral) and capability of communicating in English
- ☒ Team spirit and good communication skills
- ☒ A highly responsible, rigorous, collegial and reliable profile

## Procédure:

### HOW TO APPLY

Full applications (motivation letter and CV), must be sent to Assoc. Prof. Ira Espuny Camacho ([im.espunycamacho@uliege.be](mailto:im.espunycamacho@uliege.be)), head of the novel hiPS Platform, **by 30<sup>th</sup> June 2024 at the latest.**

-A first selection on the basis of the received cv and letters of motivation will be done.

-Short-list of pre-selected candidates will be interviewed for the position (March-July).

*Our institutional policy is based on diversity and equal opportunities. We select candidates based on their qualities regardless of their age, sexual orientation, origin, beliefs, disability, or nationality.*

### FURTHER INFORMATION

For any practical information on the function at the hiPS platform, contact Dr. Ira Espuny Camacho ([im.espunycamacho@uliege.be](mailto:im.espunycamacho@uliege.be)).

Les candidatures (lettre de motivation et CV détaillé) précisant le numéro de référence de l'offre seront déposées via le lien <https://tools.giga.uliege.be/jobs/apply/65d47bd28a5d9652dc31dbab>