



RESEARCH ASSISTANT IN BIOLOGY Montpellier



Contract information : 6-month renewable CDD, full time, funded by FRM
Available from 15th of March 2021

Context

The team “Epigenetic Reprogramming and Mammalian Development”, led by Maud Borensztein, has recently opened at the Institute of Molecular Genetics of Montpellier (IGMM). The group works on X-chromosome reactivation during mouse development, with a specific focus in the female germline.

We are looking for a Research assistant (Ingénieur.e d'étude), with a strong knowledge in Molecular Biology, Genetics and/or Cell culture to help with ongoing experiments in cell culture and genome engineering.

More information here: <http://www.igmm.cnrs.fr/>

Job description

The research assistant will set up techniques to study X-chromosome activity in an *in vitro* model of primordial germ cell-like cells. S/He will be in charge of the experimental part of this project and will also work on collaboration with students and researchers of the lab.

- Culture and differentiation of mouse embryonic stem cells.
- Test and development of new protocols, tools and reagents for the lab.
- Creation and characterization of novel mESC lines using CRISPR/Cas9 technology.
- Analysis and presentation of acquired data with adequate quality control.
- Help in lab organization.

Candidate profile

Bac +2 to Masters 2

- Expertise in Biology and Genetics, additional knowledge in Epigenetics and stem cell Biology is appreciated.
- Work experience in routine molecular biology including DNA and RNA extraction, PCR, RT-qPCR and cloning, experience in mouse ESC culture appreciated but not required.
- Good English
- Excellent organization and team work skills.

Contact

Please send your CV, letter of motivation and names of referees, to maud.borensztein@igmm.cnrs.fr