

Engineer assistant position in Cellular & Molecular Biology

Mission: Contribute to the Team research on mechanistic and functional characterization of signalling circuits in cancer. Develop novel therapeutic and diagnostic tools.

Main activities

- Generation and characterization of new cell lines.
- In vitro biological assays (cell viability, drug tests, migration/invasion, ...).
- Immunostaining on fixed cells and tissues.
- Western blot analysis to establish expression/phosphorylation levels of signals.

Required skills

- Molecular biology (RT-qPCR, cloning), biochemistry, western blot, and cell biology.
- Expertise in mammalian cell culture (cell maintenance, transfection, selection, ...).
- Expertise in immunostaining is desirable.
- Self- organization, flexibility and multitasks (ability to independently perform experiments and to handle a wide variety of techniques under the supervision of laboratory researchers).
- Communication, teamwork, autonomy, knowledge of English (working language of the lab).
- Capability to present outcomes to supervisors and during Team reports.
- Autonomous management of a laboratory notebook.
- Competence on histology and mouse colony handling will be also appreciated.

Work environment

Institute: Institute of Developmental Biology of Marseille (IBDM), CNRS, Aix-Marseille Univ – Marseille (France).

Maina Team: Signalling networks for stemness and tumorigenesis

<https://www.ibdm.univ-amu.fr/fr/team/reseaux-de-signalisation-pour-la-stemness-et-la-tumorigenese/>

Contract

Type: Fixed-term contract (CDD)

Duration: 12 months (can be extended)

Expected date of hiring: 1st march 2023

A motivation letter, a CV and the name of two referees, should be sent by email to Flavio Maina (flavio.maina@univ-amu.fr) and Aurélie Dobric (aurelie.dobric@univ-amu.fr).