

Two Postdoctoral scientist positions will be available in 2021 (two years renewable) at the CIML.

The scientists will be part of a multidisciplinary research program aiming at exploring new topics in **Immuno-Oncology** and **Neuroimmunology**.

- **Immuno-Oncology:** Type 1 innate lymphoid cells represent a new class of lymphocytes highly related to NK and CD8 T cells. Their recent description opened an entirely new and highly dynamic field of research. Using an integrative approach combining multi-omic technologies, database mining and bioinformatic analyses in both mouse and human experimental models, this project intends to delineate the role of ILC1 in the anti-tumoral immune response and assess their therapeutic potential. The scientist will be hosted in Eric Vivier's lab (<http://www.ciml.univ-mrs.fr/science/lab-sophie-ugolini/innate-lymphoid-cells-and-neural-regulation-immunity-1>)
- **Neuroimmunology:** Both the immune system and the nervous system are activated and cooperate to detect threats, to defend the host against infections and to maintain or restore homeostasis. The project will dissect the role of sensory neurons specializing in pain perception in modulating the host's defences against pathogens or during tumor development. Knowledge of neuroimmune interactions in the development of inflammation and anti-cancer immunity is very limited. The project will explore these questions using genetic and transcriptomic tools in both mouse and human models. These projects are based on solid and promising preliminary data. The scientist will be hosted in Sophie Ugolini's lab (<http://www.ciml.univ-mrs.fr/science/lab-sophie-ugolini/innate-lymphoid-cells-and-neural-regulation-immunity>)

Our OFFER: We are looking for, outstanding and highly motivated post-doctoral fellows with a PhD in Immunology, Onco-immunology, Neuroimmunology or Neuroscience. Experience in molecular and cellular biology techniques, microscopy and flow cytometry will be highly appreciated. Scientists will be part of a rich multidisciplinary environment with full access to state-of-the-art technologies, which should ensure the successful development of the research programs.

APPLICATION: Candidates should send a CV, a cover letter, and contact information for two referees to vivier@ciml.univ-mrs.fr; ugolini@ciml.univ-mrs.fr; feuillet@ciml.univ-mrs.fr; kerdiles@ciml.univ-mrs.fr

The deadline for applications is end of February 2021.

INFORMATION:

CIML: <http://www.ciml.univ-mrs.fr/>

Marseille-Immunopôle : <https://marseille-immunopole.org/>