



## **Postdoctoral Research Position (24 months): Assessment of radio-induced immune response to optimize Radiotherapy / Immunotherapy combination**

The Preclinical Radiotherapy and Radiobiology Research Team of the Centre Georges François Leclerc (Dr Céline MIRJOLET) develops research projects about radio-induced immune response, RT / Immunotherapy combinations and RT / Nanoparticles combinations.

Recently, we have published some publications in renowned international journals (JITC, OncoImmunology, Cancers, Cells...) on these topics.

This laboratory is integrated to INSERM 1231 unit managed by the Pr F Ghiringhelli.

Our Team is specialized in the analysis of the tumor microenvironment after ionizing radiations using photons (SARRP), establishment and application of radiotherapy protocols (2D, 3D, Stereo RT), in cultured cells and tumor mice.

In the framework of this project the candidate will investigate irradiated mice tumor-grafted and tumor cells in a comprehensive manner by using flow cytometry, tissue staining, transcriptomic analysis and blood biomarkers development.

**We offer:** access to animal radiotherapy facilities, expertise in radiobiology, technical personal a high-level interdisciplinary platforms of preclinical imaging and immunomonitoring evaluation (flow cytometry, Nanostring, SingleCell...).

**We are looking for :** a highly motivated postdoctoral candidate with an interest in radiobiology and immunology. Also, with training in tumor biology, murine tumor models, immunology and cell culture, flow cytometry, molecular biology. In order to ensure good integration and a pleasant and productive working atmosphere, a high team spirit is necessary. Experience in R programming to develop multivariate biomarker analyzes would be appreciated. Good communication skills in English are also required.

For any further information contact: **Céline MIRJOLET** ([cmirjolet@cgfl.fr](mailto:cmirjolet@cgfl.fr)).

Interested candidates are invited to send their CV together with a covering letter and the names of 1-2 reference(s) to [servicedrh@cgfl.fr](mailto:servicedrh@cgfl.fr)

The salary will follow UNICANCER guidelines.

**Application deadline: 30 oct 2021**