

Postdoctoral fellowship in tumor immunology

Research project Objectives The lab of Dr. Pierre Cordelier at the Comprehensive Cancer Research Centre of Toulouse (INSERM, CRCT, <https://www.crct-inserm.fr/en/>) is seeking a highly motivated postdoctoral candidate to undertake research in tumor immunology to understand molecular and cellular mechanisms of response to oncolytic virus and translate to novel immunotherapeutic strategies utilizing mouse models and patient-derived samples of pancreatic cancer. This work will be carried out under the scientific direction of Dr. Pierre Cordelier, in collaboration with a postdoctoral fellow expert in virology, and two study engineers who will provide technological support.

- Responsibilities**
- Investigate molecular mechanisms of key cellular players
 - Apply cutting-edge transcriptomic and phenomics tools to generate data, interpret results, create hypotheses, and generate novel insights in cancer immunology
 - Implement humanized mouse model for pancreatic cancer
 - Test novel immunotherapy targets
 - Present and discuss work internally and at remote conference
 - Publish in high-impact peer-reviewed journals

- Requirements**
- PhD or MD/PhD in tumor immunology
 - Previous experience with humanized mouse model is highly appreciated
 - Previous experience with (i) human samples, (ii) murine work and in vivo experiments using mouse models and (iii) animal experimentation certification are required
 - Ability to independently drive the project

- How to apply**
- Interested applicants should submit a CV, a statement of research interests and contact information of 2-3 references to Pierre Cordelier (pierre.cordelier@inserm.fr)
 - The candidate's work location will be the CRCT (<https://www.crct-inserm.fr/en/>) and employment will be through Inserm.

- Position details**
- Two years, renewable one year. Starting October 2020, with a gross monthly salary starting 2544.51 € monthly (first experience)