

## Postdoctoral fellowship in oncolytic therapy

**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 the field of oncolytic virus to understand molecular and cellular determinants of tumor cell specificity to oncolytic virus, to 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 tumor immunology, 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 oncolytic virus mechanism of action
  - Test novel immunotherapy combos using oncolytic virus
  - Present and discuss work internally and at remote conference
  - Publish in high-impact peer-reviewed journals

- Requirements**
- PhD or MD/PhD in virology, oncolytic virus
  - Previous experience with oncolytic virus is required
  - 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](mailto: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 at 2544.51 € monthly (first experience)