

## Postdoctoral Position in cell matrix biology & antibody-drug conjugate (IRCM, INSERM U1194, Montpellier, France)

**Application deadline:** 31 January, 2024

**Anticipated start date:** ASAP 2024

The team (*Breast cancer, Microenvironment and Immunotargeting*) at *Montpellier Cancer Research Institute* (France) is looking for a postdoctoral researcher to work on the optimization of antibody-drug conjugates targeting matricellular proteins in breast cancer. This postdoctoral fellowship is part of a priority research program and equipment (PEPR) ACCREDIA, which brings together a lab network of seven academic partners funded by the French government to improve knowledge, skills and methodologies in antibody development. The position is funded in the frame of French PEPR-PIA4 Accredia ANR-22-PEBI-0009 for a period of 2 to 3 years.

**Project Description:** The postdoctoral researcher will be responsible for deciphering ADC therapeutic efficacy by cell biology approaches and integrated models of breast cancers. The postdoctoral researcher will use a variety of techniques including cell biology, flow cytometry and binding analysis, 2D and 3D experiments, and animal models. The ideal candidate should have a solid background in cell matrix biology and proteolytic pathways, with particular emphasis on solid tumors and their microenvironment, as well as some expertise in antibody-based therapy field. Expertise in immunology will be a plus. This exciting project could lead to optimized ADC targeting matricellular proteins for the treatment of breast cancers. The position is located in Montpellier (France) but the candidate will have to interact with other teams of the network, located in France (Paris, Tours).

### Qualifications

- PhD in cellular biology or a related field
- Strong expertise in cell matrix biology and cellular proteolysis
- Experience in antibody-based therapy and immunology
- Excellent research skills and a strong publication record
- Excellent communication skills

**Application Procedure :** To apply, please send your CV, a cover letter, and the names and contact information of at least two references to [thierry.chardes@inserm.fr](mailto:thierry.chardes@inserm.fr) and [emmanuelle.liaudet-coopman@inserm.fr](mailto:emmanuelle.liaudet-coopman@inserm.fr). Applications must be received by end of January 2024.

**Working environment:** The researcher will be based at the *Montpellier Cancer Research Institute* IRCM ([www.ircm.fr](http://www.ircm.fr); INSERM U1194) that hosts 19 research teams carrying basic and applied research projects in close collaboration with clinicians from the ICM Val d'Aurelle Hospital and the Montpellier University Hospitals (CHU). Synergies between basic and clinical research on the campus are fostered by the Translational Research Unit which operates at the interface between IRCM and ICM.

**Thank you for your interest in this position.**