**Postdoctoral Position in Antibody Engineering**

**The team *Functional screening and targeting in cancer* located at *Montpellier Cancer Research Institute* (France) is seeking a postdoctoral researcher to work on the development of new methods to improve antibody and bispecific developability and expression. The position is funded in the frame of French PEPR ACCREDIA for a period of 2 to 3 years.**

**Job Description**

The postdoctoral researcher will be responsible for developing new high throughput methods, based on phage and mammalian display, for the identification and characterization of mutations in antibodies and bispecifics that improve expression and folding. The generated database will be used in collaboration to train IA models to predict and improve antibodies and bispecifics. The postdoctoral researcher will use a variety of techniques, including molecular biology, cell biology, cytometry (analytic and sorting), phage and mammalian display, NGS, and bioinformatics. The ideal candidate will have a strong background in molecular biology and protein engineering, preferentially antibody engineering, as well as some experience in computational biology and NGS. The position is located in Montpellier (France) but the candidate will have to interact with other teams of the network, located in France (Paris, Nantes, Tours).

**Qualifications**

* PhD in molecular biology or a related field
* Experience in molecular biology and protein engineering
* Some experience in antibody engineering, library design, display methods, and bioinformatics will be a plus
* Excellent research skills and a strong publication record
* Ability to work independently and as part of a team
* 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 [pierre.martineau@inserm.fr](mailto:pierre.martineau@inserm.fr). Applications must be received by end of 2023.

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