

2 years Postdoctoral Position - Besançon - France



- **24-months postdoctoral position (Full-Time)**
- **Location :** Besançon, France
- **Institution :** INSERM UMR1098 RIGHT (<https://umr-right.com/linstitut/>), French Blood Center (EFS, <https://www.efs.sante.fr/lefs-en-bourgogne-franche-comte>), Université Marie et Louis Pasteur (UMLP, <https://www.umlp.fr/>)
- **Start date :** 2026 (after summer time)

Overview, Host Laboratory

UMR 1098 RIGHT is a research unit hosted at EFS in Besançon, France, co-supervised by INSERM. and UMLP. This research unit '**Host-Graft-Tumor Interactions & Cellular and Gene Engineering**' is interested in the immunological relationships between a patient and their graft (Team #1) or tumor (Team #2). A better understanding of these interactions allows the development of new treatments based on cell and gene therapy approaches to modulate the immune system in order to prevent it from rejecting a graft or, on the contrary, make it more capable of eliminating a tumor. Its main mission is to design and translate innovative therapeutic strategies from fundamental research to personalized clinical applications.



Position Summary

The postdoc position will belong to the team "T cell-based anti-cancer immunotherapies" (TICI) focuses its research on the development of anti-tumor immunotherapies based on different approaches: vaccines, CAR-T, transgenic TCR, TIL....

The present required position will consist of making the proof of concept of CART-cell immunotherapies in the context of T-cell malignancies at in vitro, but also at in-vivo level.

Main Responsibilities

- Design, write, and validate experimental protocols.
- Set up and validate protocols for cellular and molecular analyses on biological samples
- Interpret scientific data and ensure data quality and traceability (use and report on electronic laboratory software Labguru)
- Supervise and carry out in vivo studies
- Analyze biological samples using cellular and molecular biology techniques
- Contribute to the dissemination of results (research papers, poster, oral communication.)

Candidate Profile

The candidate must have a PhD in life sciences, and have proven expertise in cell immunotherapy, hematology, murine in vivo models, and more ideally in oncology. Experience in cell culture, flow cytometry (FACS), western blotting, confocal microscopy, ELISA, and q- or d-PCR required. The candidate must also clear a **Level 1 animal experimentation certification** ("experiment designer level" useable in France) with up-to-date training records. The candidate should be autonomous, rigorous, and well-organized, capable of managing their research project independently, while also actively participating in the supervision of M2 students et also work closely with the other members of the group working in the same topic.

Application Process

To apply, please send your CV, by email, **by end of August, 2026** to christophe.ferrand@efs.sante.fr. References and recommendations are welcome

