3-year postdoctoral position in cancer biology at the Bordeaux Institute of Oncology

**Recruiting Team:** « Liver cancers and Tumor invasion », at the Inserm/University of Bordeaux Unit 1312-BRIC


**Project:**
Our project is focused on Hepatoblastoma (HB), the most common malignant liver tumor in children. Our recent data identified the FSCN1 gene, encoding Fascin-1, a new potential target in HB. We found that FSCN1 expression is significantly higher in the poorly differentiated HB subtype. Moreover, our *in vitro* approach revealed that Fascin-1 silencing is able to favor cellular differentiation of HB cells. Thus, based on these results, the project will address i) how Fascin-1 may sustain its effects in HB tumor cells and ii) whether Fascin-1 is an actionable β-catenin target in HB.

**Techniques:** molecular and cellular biology, proteomics, mouse and 3D culture models

**Recent publications of the team:**

**Candidate profile:**
• PhD or MD/PhD with at least one first author publication
• Enthusiastic and highly motivated researcher with strong interest in cancer cell biology
• Ability to work with a good team spirit
• Candidates with competence in mouse handling, cellular and molecular biology or 3D cultures will be prioritized.

**Work environment:**
The candidate will benefit from the high-level scientific environment of the newly created BRIC Unit and of state-of-the-art technological platforms. The lab is located in Bordeaux, Southwestern France, an international tourist destination for its architectural and cultural heritage and a world wine capital.

**How to apply:**
Interested candidates should send a CV, cover letter summarizing research interests, professional experience, and career goals and the names of two referees to violaine.moreau@inserm.fr

**Deadline for applications:** December 9th, 2022