

Postdoctoral Position: Exploring the role of an oncomiR in blood vessel integrity

at INSERM, U1045, Cardiovascular diseases, University of Bordeaux

Keywords: miRs, blood vessels, basement membrane, exosomes, podosomes

The laboratory offers a postdoctoral position with experience in vascular biology and exosomal microRNAs (exomiRs). Combining the latest advances in basic research in vascular biology and an innovative therapeutic approach, the project aims *i)* to highlight and characterize the alterations of the subendothelial layer of blood vessels in pathological contexts associated with the overproduction of an oncomiR, *ii)* to show that this deterioration can be prevented or contained. The results could lead to the development of a new therapeutic tool. More information about the lab can be found at: <https://genot-lab.org>

Candidates should have a PhD or first post-doc with some experience in micro-RNA biology, *in vitro* exosome production and/or *in vivo* exosome delivery. The project requires the ability to develop new contacts and new techniques. Knowledge in vascular biology will be appreciated. S/he should be interested in working in a highly interdisciplinary, international and collaborative environment. The position is funded for one year (with the possibility of extension based upon satisfactory professional performance) on a three-year grant from INSERM – ITMO Aviesan. The position will be available starting in November 2021 onward. The salary will be determined based on years of experience post-degree according to established institution guidelines.

The University of Bordeaux, the Sciences and technology department and the European Institute for Cell biology and Chemistry (IECB) all have excellent scientific records, with a multitude of collaborations world-wide.

Candidates should send their CV, publication list and contact information for three referees

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