Postdoctoral Position: *In vitro* Reconstitution of Exosome Membrane Fusion

The laboratory is looking for a biochemist/biophysicist to investigate fusion of extracellular vesicles with target membranes. The main project consists of developing an *in vitro* assay aiming at imaging the fusion event in real time.
The candidate is expected to have expertise in fluorescence microscopy, biological and artificial membranes manipulation, and should be familiar with cloning, protein purification and cell culture.
The laboratory is located at Université de Paris (Campus Saint-Germain-des-Prés), France, and is focusing on the extracellular vesicle delivery process using multidisciplinary approaches (https://u-paris.fr/en/the-lavieu-lab/)

Motivated individuals interested in this work are encouraged to contact Drs. Mangenot and Lavieu (stephanie.mangenot@u-paris.fr, gregory.lavieu@inserm.fr). Please include your c.v. and a brief research summary, and have three letters of recommendation emailed to Drs. Mangenot and Lavieu.

Relevant References:
. Bonsergent É, Bui S, Lavieu G. Quantitative Measurement of Extracellular Vesicle Content Delivery Within Acceptor Cells. Methods Mol Biol. 2022.
. Sahr T, Escoll P, Rusniok C, Bui S, Pehau-Arnaudet G, Lavieu G, Buchrieser C. Translocated Legionella pneumophila small RNAs mimic eukaryotic microRNAs to dampen the host immune respons. Nat Comm. 2022.
. Bonsergent E, Grisard E, Buchrieser J, Schwartz O, Théry C, Lavieu G. Quantitative characterization of extracellular vesicle uptake and content delivery within mammalian cells. Nat Commun. 2021.
. Bonsergent, E. & Lavieu, G. Content release of extracellular vesicles in a cell-free extract. FEBS Lett. 2019.