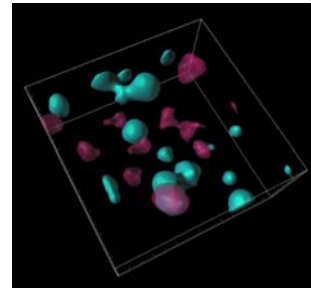


## Post-doc position in EV biology

### Study of the secretion of a novel subpopulation of extracellular vesicles

We are looking for a motivated post-doctoral scientist to join the research team "Membrane dynamics & viruses" (MDV) headed by Raphael Gaudin, part of the IRIM UMR9004 - CNRS research institute, Montpellier, France. Our lab is interested in various aspects of intracellular trafficking pathways in health and disease. In particular, we are currently studying secretion of biological entities out of the cells, including extracellular vesicles and viruses. We recently discovered a novel extracellular vesicle subtype containing Sonic Hedgehog (Shh) we called ART-EVs (Coulter, Dorobantu *et al. Cell Rep*, 2018) and we aim to better characterize these vesicles and their secretory route. The proposed project will take advantage of state-of-the-art imaging techniques, Crispr-Cas9 strategies and other innovative approaches mastered in the lab.



**Key words:** Exosomes; Extracellular vesicles; Intracellular trafficking; Membrane dynamics; Secretion

**Profile and skills of the candidate:** You are going to defend or already hold a PhD in Cell biology with experience in membrane trafficking. Previous experience with exosomes or extracellular vesicles is a plus. You are curious, motivated and have a problem-solving mindset. The successful candidate is expected to perform bench work and communicate his/her results through internal and external seminars. The project will be conducted in collaboration with two other labs with *in vivo* and proteomics expertise. The applicant is expected to speak English, while French is not a prerequisite.

**Lab:** The institute is located on the CNRS campus of Montpellier in the sunny south of France. We offer an internationally renowned research environment with direct access to modern infrastructures and advanced facilities for imaging and flow cytometry. More information is available at:

<http://www.irim.cnrs.fr/index.php/en/researchh/teams/membrane-dynamics-viruses>

**Location:** Montpellier, France

**Contact:** Raphael Gaudin ([raphael.gaudin@irim.cnrs.fr](mailto:raphael.gaudin@irim.cnrs.fr))

**Dead line / Starting dates:** Mid 2019