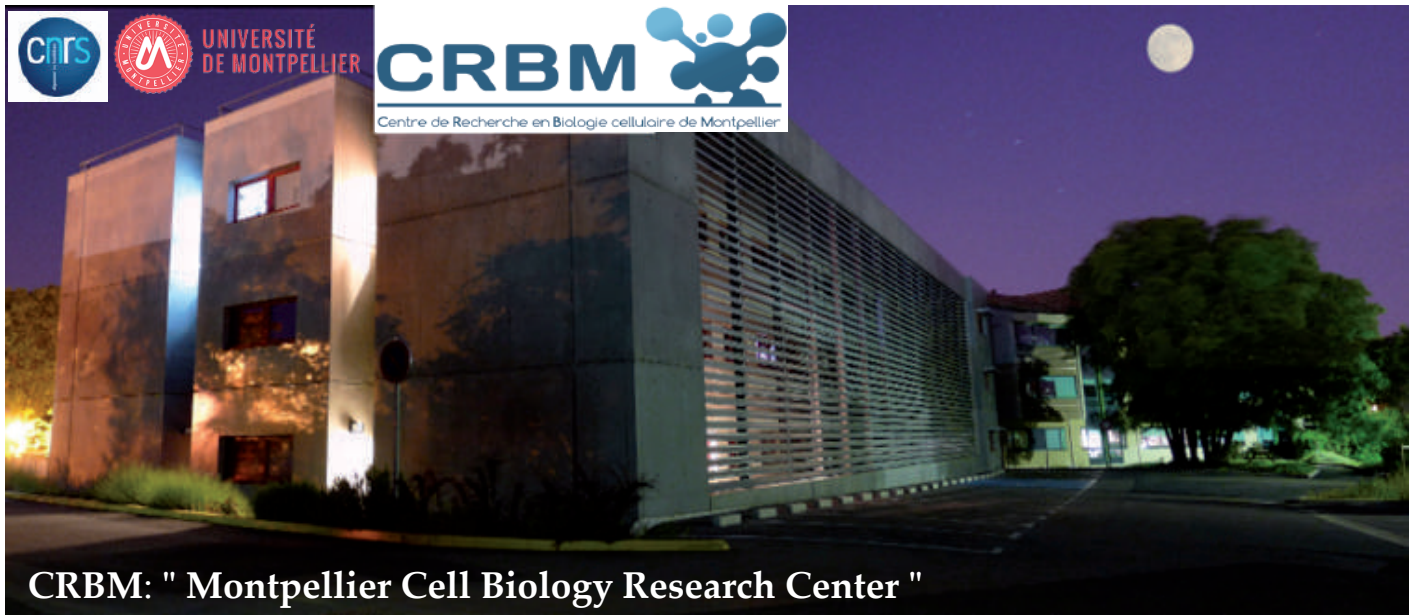


Post-doctoral position on membrane remodelling, exosome generation and disruption of cadherin-mediated intercellular adhesion in cancer cells. CRBM (Montpellier, France)



A 36 months postdoctoral position is available starting from November/December 2020 in our group «Adhesion and vesicular trafficking in tumoral invasion», based at the CRBM, Montpellier, France).

Current work in the lab analyzes how the upregulation of flotillins, new metastatic markers, deregulate intravesicular trafficking to favor cellular invasive behavior.

Combining cutting edge cell biology and microscopy techniques such as optogenetic, super resolution, the project goal is to understand how in cancer cells, the upregulation of flotillins influence membrane remodelling to promote exosome secretion and deregulates cadherin-mediated cell-cell adhesion.

The project is funded by INCa and includes a collaboration with Guillaume VAN NIEL (INSERM1266 Paris) and Jessica GOBBO (INSERM U1231 Dijon). The recruited candidate will be involved in the whole project by interacting with all partners.

We seek highly motivated, self-driven and creative Ph.D.

The candidate must be able to work independently, as well as demonstrate a strong commitment to team based work with strong organization skills.

PhD in cell biology or biochemistry is required, with a strong background in cell biology of vesicular trafficking, lipids and/or cellular adhesion.

Skills on developing imaging techniques to study membrane remodelling processes and protein distribution in membranes at super-resolution level would be highly appreciated.

How to apply:

Applicant should submit a CV, a motivation letter, outlining research experiences and interests and two reference letters to Cécile Gauthier-Rouvière at cecile.gauthier@crbm.cnrs.fr

Lab web site : <http://www.crbm.cnrs.fr/en/team/adhesion-and-vesicular-trafficking-in-tumoral-invasion/>