

POST-DOC position in EV molecular/cellular biology at the Cancer Research Center Marseille (France) – Lab Pascale ZIMMERMANN

The Cancer Research Center Marseille (CRCM) common goal is to advance our understanding of the biology of cancer and to improve treatment. CRCM combines access to high education in immunology and oncology, state-of-the-art technological support (platforms & resources) and a collegial set of teams offering a fertile and outstanding environment to develop fundamental, translational or clinical project. Our multidisciplinary teams of about 400 researchers are housed on the campus of the Institut Paoli-Calmettes, one of the largest university-affiliated cancer centers in France with 1,500 staff-members (<http://www.institutpaolicalmettes.fr/en/research/>).

Description

At CRCM, the team of Pascale Zimmermann is investigating novel pathways controlling cell signaling and cell-cell communication and exploring their potential benefit for the cancer field. The team provided major contributions to our understanding of the importance of membrane trafficking for the biology of heparan sulfate proteoglycans, the role of phospholipids in the function of PDZ proteins and more recently the molecular mechanisms of exosome biogenesis (e.g. Baietti et al., Nat Cell Biol 2012; Ghossoub et al., Nat Commun 2014; Imjeti et al., PNAS 2017).

Job description

We are recruiting a young post-doc interested in understanding the mechanisms controlling the molecular and functional diversity of extracellular vesicles and in particular at investigating the crosstalk between membrane scaffolds tetraspanins, syndecans and PDZ proteins. Financial support is foreseen for up to 3 years and candidate are encouraged to apply for competitive fellowships (EMBO, Marie-Curie or French agencies). This work is supported by the ANR project SynTEV which is a joined effort with the group of Clotilde Théry and Eric Rubinstein.

Profile

PhD in Biochemistry, Molecular Biology, Cell Biology or equivalent

Strong background in imaging methods (microscopy and/or FACS) and protein/membrane work

Proficient in written and spoken English

Strong organizational and interpersonal skills

How to apply?

Motivated candidates are asked to apply by email to pascale.zimmermann@inserm.fr (subject Post-Doc SynTEV) and to send applications including CV, research experience, and at least two names and contact information for references.

For more information, you can contact Pascale Zimmermann (by email).