

Fiche proposition de stage - *Internship offers*

Offre pour / Offer for

- Master 1 IDIL, Sciences for human health
- Master 2 IDIL, Sciences for human health

Intitulé du stage <i>Title</i>	Role of proteins involved in epithelial integrity and polarity, regulated by (de)phosphorylation by Syk or PTPN13, in mammary tumour invasion
Laboratoire d'accueil <i>Host laboratory</i>	Institut de Recherche en Cancérologie de Montpellier (IRCM) INSERM U1194 Team "Signaling of tumor invasion"
Nom du responsable <i>Name of the PI</i>	Peter COOPMAN
Nom d'encadrant <i>Supervisor</i>	Marion PETER
Description (3 phrases) <i>Description</i> (3 sentences)	In the context of breast cancer, we are studying the signalling pathways controlled by the tyrosine kinase Syk and the tyrosine phosphatase PTPN13, which we have shown to be tumour suppressors. The student will characterise new effectors of Syk and PTPN13, involved in the maintenance of epithelial integrity and polarity. The function of these Syk and PTPN13 target proteins, the consequences of their (de)phosphorylation and their contributions to epithelial integrity will be studied by different approaches, including advanced imaging techniques.
Durée prévue (2 à 6 mois) <i>Duration</i> (2 to 6 months)	6 months in Master 1 6 months in Master 2
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