Recrutement M2 - Edition 2021
Recensement des Projets des Equipes et Plateformes

**EQUIPE/PLATEFORME**
Intitulé : Pancreatic cancer

Chef(s) d’équipe ou responsable(s) scientifique(s) de plateforme
Nom, Prénom : Iovanna, Juan
Mail : juan.iovanna@inserm.fr

**SUJET DE MASTER PROPOSÉ et PI DU SUJET**
Titre : Cadhérines et agressivité des cancer pancréatiques

PI du sujet (Nom, Prénom) : ANDRE, Frédéric/Rigot Véronique
HDR ☒ Oui ☐ Non
Etudiants en thèse ☐ Oui ☒ Non
(si oui, préciser le nb) :

**RESUMÉ DU PROJET**
Résumé (10 lignes)
The low survival rates associated with pancreatic ductal adenocarcinoma (PDAC) is due to a diagnosis on the later stage of the disease when local invasion and metastasis to other organs are already developed. Therefore, it is essential to characterize new molecular signatures to classify patients not only to predict clinical outcomes but also to propose individual treatment.
Our preliminary results suggest that cadherins expression levels impressively correlate with a poor survival suggesting that a cadherin signature may represent a signature of PDAC aggressiveness.
In this project, we will evaluate cadherins expression and localization in the tumor tissues from a large cohort of PDAC. To determine whether cadherins expression represents a signature of PDAC aggressiveness, we will conduct, by using various cell models, an invadomic analysis including 3D and 2D *in vitro* invasion assays and invadopodia assay.

**FLECHAGE MASTER**

Immunologie ☐
BIP ☒
Biologie Santé ☒
Bio informatique ☐