

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

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SUJET DE MASTER PROPOSE 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) :

RESUME 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