Master program in Cancer Biology

Internship proposal form 2024

☐ **MASTER 1**

☒ **MASTER 2**

Title	Liquid Biopsy and pancreas cancer: AXL(+) circulating tumor cells and immune system status
Host laboratory	Laboratory for rare human circulant cells and Liquid Biopsy
Name of the PI	Catherine Alix-Panabières
Supervisor	Catherine Alix-Pannabières
E-mail- Contact	c-panabieres@chu-montpellier.fr
Description (10 lines)	Detecting circulating tumor cells (CTCs, cells actively break away from the primary tumour and travel in the circulating compartment to distant organs) are highly relevant for assessing tumor progression, but is also promising in terms of cancer prognosis. In another hand, AXL has frequently been identified in patients with pancreatic adenocarcinoma and is associated with metastasis and epithelial-mesenchymal transition. We aim to detect CTC-AXL(+) and evaluate the immune system status. At the end, we will assess the overall survival of patients with metastatic pancreatic cancer according to their number of CTC-AXL(+/-) combined with immune cells.
Duration (2 to 6 months)	4-6 months