



Fiche proposition de stage - *Internship offers* 2025-26

Offre pour / Offer for (you can make offers for both level, if the subjects are different, please use a new form)

- **Master 2 (from end January)**

Intitulé du stage <i>Title</i>	Exploration of PTK7-expressing fibroblasts in colon pathologies
Laboratoire d'accueil <i>Host laboratory</i>	Inflammation and cancer Lab IGMM
Nom du responsable <i>Name of the PI</i>	Michael Hahne
Nom d'encadrant <i>Supervisor</i>	Bénédicte Lemmers
Description (3 phrases) <i>Description (3 sentences)</i>	Protein Tyrosine Kinase 7 (PTK7) receptor expression is associated with bad prognosis in colorectal cancer (CRC) and has been accordingly suggested as a drug target. Our immunohistological analysis of mouse colons displayed PTK7 expression in both colonic epithelial cells (CEC) and fibroblasts and we therefore have generated cell type specific knock-out mice, deleting PTK7 in either CEC or different colonic fibroblast subsets. During his or her internship, the student will explore these mouse models using up to date approaches
Durée prévue (2 à 6 mois) <i>Duration (2 to 6 months)</i>	6 mois
E-mail	Benedicte.lemmersgmm.cnrs.fr