



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

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

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

**X Master 1 (from mid January)**

<b>Intitulé du stage</b> <i>Title</i>	PFAS and intestinal tumorigenesis: effect through the regulation of the tumor immune microenvironment
<b>Laboratoire d'accueil</b> <i>Host laboratory</i>	IRCM INSERM U1194 Team Nuclear Signaling in Cancer
<b>Nom du responsable</b> <i>Name of the PI</i>	Vincent CAVAILLES
<b>Nom d'encadrant</b> <i>Supervisor</i>	Vincent CAVAILLES
<b>Description</b> (3 phrases) <i>Description</i> (3 sentences)	The main scientific question is to define how persistent pollutants (PFAS) influence the immune microenvironment of colorectal cancers (CRC), and what are the underlying molecular mechanisms in particular the role of tumor metabolites. We will employ a cocktail of different PFAS in order to provide a comprehensive understanding of their effects on the immune contexture of intestinal tumors using CRC cell lines, a genetically engineered mouse model and patient-derived tumor explants (PDTE).
<b>Durée prévue (2 à 6 mois)</b> <i>Duration</i> (2 to 6 months)	6 months
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