



Fiche proposition de stage - *Internship offers*

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 end January)

Intitulé du stage <i>Title</i>	Regulation of the SRC oncogenic signaling by the SLAP tumor suppressive adaptor protein in colon cancer cells
Laboratoire d'accueil <i>Host laboratory</i>	CRBM UMR5237 CNRS Team "Cancer Cell Signaling"
Nom du responsable <i>Name of the PI</i>	Serge ROCHE
Nom d'encadrant <i>Supervisor</i>	Audrey SIRVENT
Description (3 phrases) <i>Description</i> (3 sentences)	<p>Colorectal cancer (CRC) is one of the leading causes of cancer related deaths worldwide. We identified a new important control mechanism of SRC oncogenic activity in CRC that relies on the onco-suppressive function of the SRC-Like adaptor protein (SLAP). Our data support a model where SLAP functions by ubiquitination of key SRC signaling components in CRC cells. By various biochemical, cellular and global omics approaches, we wanted to better characterize this SLAP action mechanism.</p> <p><i>Methods: cell culture, transfections, invasion assays, western-blots, immunoprecipitations, proteomics, Q-PCR, ubiquitination assays, proximity ligation assays, immunofluorescence and immunohistochemistry.</i></p>
Durée prévue (2 à 6 mois) <i>Duration</i> (2 to 6 months)	5 to 6 months
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