



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)

Master 1

Master 2

Parcours concerné(s) : tous

Intitulé du stage <i>Title</i>	Targeting SUMOylation to identify new therapeutic strategies for AML
Laboratoire d'accueil <i>Host laboratory</i>	IGMM, UMR5535 CNRS Team « The Ubiquitin Family in Hematologic Malignancies »
Nom du responsable <i>Name of the PI</i>	Guillaume Bossis
Nom d'encadrant <i>Supervisor</i>	Thibault Houles
Description (3 phrases) <i>Description</i> (3 sentences)	<p>Acute Myeloid Leukemias (AML) are severe hematological malignancies with dismal prognosis (5-year survival <20%). Our recent work has shown that targeting SUMOylation, a post-translational modification related to Ubiquitylation, sensitizes AML to conventional therapies. The objectives of the project will consist in exploring the role of SUMOylation in AML to characterize the therapeutic benefit of its inhibition in particular in the induction of an anti-AML immune response.</p> <p>This project will rely on the use of cell lines and patient samples (ongoing collaboration with the clinical hematology department of the Montpellier hospital).</p>
Durée prévue (2 à 6 mois) <i>Duration</i> (2 to 6 months)	5 to 6 months
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