



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

Intitulé du stage <i>Title</i>	Investigating DNA Replication Dynamics in Genome Stability and Cancer
Laboratoire d'accueil <i>Host laboratory</i>	Institut de Génétique Moléculaire de Montpellier (IGMM)
Nom du responsable <i>Name of the PI</i>	Etienne Schwob
Nom d'encadrant <i>Supervisor</i>	Cyril Ribeyre
Description (3 phrases) <i>Description</i> (3 sentences)	DNA replication is a highly regulated process influenced by numerous constraints that affect genome stability and cellular responses to cancer therapies. Our lab investigates key aspects of this regulation, with a particular focus on replication origin control and the replication of heterochromatin. We employ a range of experimental techniques—including microscopy, DNA combing, CUT&RUN, and ChIP-seq—to explore these mechanisms at both molecular and genomic levels. The internship project will center on one of these research areas, depending on the student's interests and ongoing work in the lab.
Durée prévue (2 à 6 mois) <i>Duration</i> (2 to 6 months)	6 months
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