



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 : yes

Master 2 : yes

Parcours concerné(s) : Genetics-Epigenetics and Cancer bio

Intitulé du stage <i>Title</i>	How cells manage Transcription-Replication Conflicts ?
Laboratoire d'accueil <i>Host laboratory</i>	IGH – Maintenance of genome integrity during DNA replication
Nom du responsable <i>Name of the PI</i>	Philippe Pasero
Nom d'encadrant <i>Supervisor</i>	Jérôme Poli
Description (3 phrases) <i>Description (3 sentences)</i>	<i>Transcription is the most common obstacle for DNA replication. We will study how the checkpoint kinases coordinate both processes to maintain genome stability.</i> <i><u>Methods:</u> yeast genetics, DNA molecular combing, fixed and live microscopy, molecular biology (ChIP),...</i> <i><u>Model organism</u> : <i>Saccharomyces cerevisiae</i>.</i>
Durée prévue (2 à 6 mois) <i>Duration (2 to 6 months)</i>	4 to 6 months
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