



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) : Epigenetics, Genetics and Cell Biology (EpiGenBio)

Intitulé du stage <i>Title</i>	Role of microtubules post-translational modifications in <i>Drosophila</i> germline
Laboratoire d'accueil <i>Host laboratory</i>	Institut de Génétique Humaine, CNRS UMR9002 141 rue de la Cardonille, 34396 Montpellier
Nom du responsable <i>Name of the PI</i>	Krzysztof ROGOWSKI
Nom d'encadrant <i>Supervisor</i>	François JUGE
Description (3 phrases) <i>Description (3 sentences)</i>	Our group investigates the functions of the "Tubulin Code", which combines different α/β -tubulin isotypes with several post-translational modifications (PTMs) to generate microtubule diversity in cells. We recently identified new enzymes catalysing microtubule PTMs in humans (Nicot et al., Science Advances 2023) and in <i>Drosophila</i> (unpublished). The intern will participate in the functional characterization of several tubulin PTMs in the male and female germlines of <i>Drosophila</i> using biochemistry, genetic approaches and super-resolution microscopy.
Durée prévue (2 à 6 mois) <i>Duration (2 to 6 months)</i>	6 months
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