



Post-doctoral position in Epigenetics

A postdoctoral position is available in our research group “ Genetic instabilities and control by the host genome ” ([team-Genetic-instabilities-and-control-by-the-host-genome](#)). We are looking for an enthusiastic and highly motivated post-doc to investigate the relationship between transposable elements and their host genome.

Funded for 30 months

Who we are

Our team has a long-standing expertise in Transposable Element Biology and focuses on the mechanisms allowing a balance between repression and mobilization of these mobile genetic elements. We combine molecular and cellular biology, genetics, genomics and NGS technologies (RNA-Seq, small-RNA-Seq, ChIP-Seq) to identify the importance of small non-coding RNAs in the control of transposable elements to preserve genome integrity. We study these questions using drosophila and mosquito models (e.g. see Jensen et al, *Cells*, 2020, Duc, Yoth et al., *Genome Biology*, 2019; Dennis et al., *Nature Comm.*, 2016).

Our lab is located at the Genetics, Reproduction and Development Institute ([iGReD](#)) in Clermont-Ferrand, France. The candidate will benefit from the highly collaborative and inclusive environment of the iGReD, our state-of-the-art platforms (single cell facilities, microscopy, histology) and the support from our regional partners.

We provide 30 months contract with full benefits in line with the University Clermont Auvergne employment policies.

Candidate profile

- The candidate must have a solid background in Genetics, Molecular Biology and Transposable Element Biology
- Bioinformatics expertise and knowledge of *Drosophila melanogaster* genetics will be an asset

Application details:

- Reviewing applications until **November 2021** for a start date as early as possible.
- Please contact Dr. Emilie Brasset – emilie.brasset@uca.fr - with the following:
 - o CV including contact details of 2-3 referees
 - o Cover letter/e-mail