

Postdoc position in growth control in *Drosophila*

A two-year postdoctoral position funded by the ATIP-Avenir programme is available in our newly established team to work on growth control during development. Located at the CRBM in Montpellier, the Boulan lab aims to unravel the mechanisms controlling final organ size during normal development and in the face of developmental perturbations (more information [here](#)). Using the *Drosophila melanogaster* model, the postdoctoral researcher will combine genetic, microscopic, and transcriptomic approaches to investigate how organs and organisms compensate for abnormal tissue growth. The project will shed light on fundamental mechanisms ensuring the robustness of organ size and may have an impact on our understanding of certain pathological conditions.

Environment

The post-doc will benefit from the dynamic context of a young team established at the Centre de Recherche en Biologie cellulaire de Montpellier (CRBM), which counts 19 research teams with a wide range of topics and model organisms (<https://www.crbm.cnrs.fr/>). Located on the historic CNRS "Route de Mende" campus in Montpellier, the CRBM benefits from the geographical proximity of several institutes, creating a stimulating and international environment. CRBM laboratories have access to state-of-the-art platforms, notably in imaging, through BioCampus.

Qualifications

Candidates must hold a PhD in developmental biology, cell biology, genetics or a related field. Motivation, creativity, independence and good ability to interact with colleagues and collaborators are the most important criteria.

Experience in one of the following fields is highly desirable:

- *Drosophila* genetics
- Fluorescence microscopy and image analysis
- Transcriptomics (single-cell RNA sequencing)
- Molecular biology/cloning for transgenic line generation

A good level of spoken and written English is required, French is not mandatory.

How to apply

Applicants should send a cover letter and a CV with contact information of at least 2 referees to Laura Boulan (laura.boulan@crbm.cnrs.fr), or access the official job offer: <https://emploi.cnrs.fr/Offres/CDD/UMR5237-LAUBOU-001/Default.aspx>.

Starting date: November-December 2024.

Salary: Between 3021 € and 4208 € gross (CNRS standards), according to experience.