



Post-doctoral Position in Plant Chromatin Biology at the Interdisciplinary Research Institute of Grenoble (IRIG), France



Read offer and **apply** at:

<https://emploi.cnrs.fr/Offres/CDD/UMR5168-CHRCAR-006/Default.aspx?lang=EN>

Application:

Your application should consist in a **cover letter** and a **CV** with **contact names** for recommendation (pdf format). Please submit the application file by the 31st May 2024 on the dedicated CNRS website. Any question concerning the position or application can be sent to:

Christel.carles@univ-grenoble-alpes.fr

Starting date: September 2024

Hosting team:

ChromDev

<http://www.lpcv.fr/en/ChromDev>

<https://christelcarles.wixsite.com/chromdev-group>



@Cristel_Carles

Selected publications :

Fal *et al.* *New Phytol* 2023

[doi: 10.1111/nph.18666](https://doi.org/10.1111/nph.18666)

Yan *et al.* *Nature Commun* 2019

[doi: 10.1038/s41467-019-09513-2](https://doi.org/10.1038/s41467-019-09513-2)

Yan *et al.* *Nature Plants* 2018

[doi: 10.1038/s41477-018-0219-5](https://doi.org/10.1038/s41477-018-0219-5)

Engelhorn *et al.* *Epigenomes* 2017

[doi:10.3390/epigenomes1020008](https://doi.org/10.3390/epigenomes1020008)

Carles & Fletcher *Genes Dev* 2009

[doi:10.1101/gad.1812609](https://doi.org/10.1101/gad.1812609)

A 2-year post-doctoral position is available to work on an integrative developmental and molecular biology project in the team of Christel CARLES (Chromatin Dynamics and Developmental Transitions, [ChromDev at LPCV](#)). Motivated individuals interested into **studying a function that modulates Polycomb PRC2-mediated chromatin repression in plants** are invited to apply. The successful candidate will **develop molecular and genetic approaches and tools for epigenomics/epigenetics and interactomics analyses**.

Working Environment

The ChromDev team is part of the IRIG Institute, located on the Polygone Campus in Grenoble, a rich environment for research in biology, with several leading laboratories and infrastructures possessing state-of-the-art equipment for molecular biology, biochemistry, structural biology and imaging (IBS, EMBL, ESRF).

The **hosting team** combines **expertise in developmental genetics, molecular epigenetics and chromatin biology**. The hired post-doc will evolve in an **international context** and benefit from the team's **network of collaborations in Grenoble**, within the ChromSwitch ANR consortium. In particular, the researcher will work in **close interaction with our partner at the Institute of Structural Biology (IBS)**.

Located in a beautiful scenery within the Alps, Grenoble is a vibrant city with a large population of students and researchers, and offers many cultural, sportive and outdoor activities (hiking, biking, skiing, climbing, arboretum and alpine botanical visits...).

Candidate Profile

We are seeking **highly motivated candidates** with a strong will to get involved into their research project, to develop new tools and methods, and to interact scientifically in a dynamic research group. The candidate should have prior experience in some of the following disciplines: molecular biology, developmental genetics, functional epigenetics, chromatin biology. Experience in plant biology is a plus but not mandatory.

Effective oral and communication skills and strong ability to report and present data, as well as good skills in English (written and oral communication) are expected.

Excellent collaboration skills, high capacity to take initiatives and to gain in autonomy are required.