



Looking for a postdoctoral candidate for Junta de Andalucía Application

We are seeking a highly motivated **postdoctoral candidate** interested in applying for a competitive fellowship to join our lab at **Department of Genetics, University of Seville**. This opportunity involves preparing a joint application for **Junta de Andalucía postdoctoral fellowships**.

Our recent established group focuses on the **post-transcriptional regulation of gene expression in stem cells and cancer biology**. We use the **germline stem cells of *Drosophila melanogaster*** as an experimental model and classical genetics, cellular biology, biochemistry, high throughput sequencing and bioinformatics.

The selected candidate will work on a project focused on the **functional role of metabolic RNA-binding enzymes in the regulation of gene expression at the mRNA level in stem cells and cancer biology**. We aim to explore novel regulatory mechanisms linking metabolism and gene expression. This project is supported by funding from the **EMERGIA Program** of the *Junta de Andalucía* and **National Research Project** from the *Agencia Estatal de Investigación* of Spain.

Requirements:

Candidates should hold a **PhD degree** and have a **maximum of five years of research experience** from the date the PhD degree was awarded. In addition, they must have at least one year of postdoctoral research experience at an institution and in a country different from where the PhD was obtained.

Application:

If you are interested, please send i) a **letter of motivation** and ii) your **CV including contact details for previous mentors** to:

projas@us.es

Deadline of the call:

End of January 2026

Selected publications:

- Claro-Linares F, Rojas-Ríos P. *PIWI Proteins and piRNAs: Key Regulators of Stem Cell Biology*. **Frontiers in Cell and Developmental Biology**, 2025.
- Sánchez-Gómez H, Garrido-Maraver J, Rojas-Ríos P. *Extended live imaging of female *Drosophila melanogaster* Germline Stem Cell niches*. **JOVE**, 2024.
- Rojas-Ríos P, Chartier A, Enjolras C, Cremaschi J, Garret C, Boughlita A, Ramat A, Simonelig M. *piRNAs are regulators of metabolic reprogramming in stem cells*. **Nature Communications**, 2024.
- Rojas-Ríos P, Chartier A, Pierson S, Simonelig M. *Aubergine and piRNAs promote germline stem cell self-renewal by repressing the proto-oncogene Cbl*. **EMBO Journal**, 2017.