

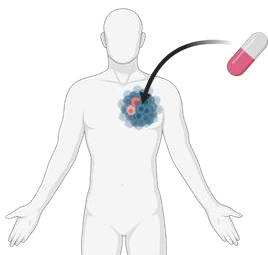
## Postgraduate research opportunity at the Drug Discovery & Medicinal Chemistry Group

The Spanish National Research Council (CSIC) offers **paid scholarships** to students finishing Bachelor's and Master's degrees, for the **introduction to research** within the call JAE-Intro 2026.

Our group offers two positions within projects "Innovative Medicinal Chemistry Approaches to Target Cancer Stem Cells" (JAEINT26\_EX\_0410) and "Design, synthesis, and biological evaluation of light-responsive molecules against cancer cells" (JAEINT26\_EX\_0331).

### The role

Are you passionate about chemistry and curious about how new small molecules are designed, synthesised, and transformed into potential drug candidates? Would you like to gain hands-on experience at the interface of organic synthesis and chemical biology, contributing to new advances in drug discovery projects? **Join us to work on a project that combines chemistry and biology to develop innovative drugs against cancer stem cells.**



Your **tasks** will include:

- ◆ Design, synthesis, purification, and characterisation (NMR, HPLC, MS) of small molecules
- ◆ For some projects, photochemical characterisation of the products
- ◆ Biological evaluation of the synthesised molecules in enzymes
- ◆ Biological evaluation on 2D and 3D cancer cell models

### Candidate requirements

- ◆ Ongoing Degree/Master's in Chemistry, Pharmacy, or a related field
- ◆ Strong knowledge of organic chemistry
- ◆ Interest to learn some biology assays

### What we offer

- ◆ Become part of a young and international group
- ◆ Contribute to an impactful and interdisciplinary project
- ◆ Possibility to apply for PhD fellowships with us

### Working conditions

- ◆ 7-month internship
- ◆ Salary: 600 € per month
- ◆ Location: IQAC-CSIC, Barcelona
- ◆ Estimated to start in October-December 2026

### How to apply?

Applications will be addressed to Caroline Gentz ([caroline.gentz@iqac.csic.es](mailto:caroline.gentz@iqac.csic.es)) and Laia Josa-Culleré ([laia.josacullere@iqac.csic.es](mailto:laia.josacullere@iqac.csic.es)), adding "JAE-Intro CSIC 2026" to the email subject and including a CV, motivation letter, and academic transcript **before April 1<sup>st</sup>**.

More info on the call here: <https://sede.csic.gob.es/tramites/programa-jae/jae-intro-2026>

Learn more about our group here: <https://www.iqac.csic.es/josaculleregroup/>

**Join us for an exciting opportunity to kick-off your research career!**