



● What CRAG seeks

The Centre for Research in Agricultural Genomics (CRAG) is currently seeking a **Junior Group Leader in the area of synthetic biology**. We look for **Junior** applicants to start an independent Research Group at CRAG.

Areas of particular interest include, but are not limited to: the development of **practical tool kits** to predictably manipulate gene expression in *Arabidopsis thaliana* and/or economically relevant crops; the use of high-throughput network analyses and computational modeling to improve the efficiency of **metabolic pathways** or to generate relevant **bioproducts**; and the modeling and **rewiring of plant gene networks** to enhance plant growth, development and resilience to biotic and abiotic stressful conditions.

A track record in synthetic biology approaches and their application to model plant and crop biology (developmental processes, stress responses, metabolism, etc.) is preferred. **It is expected that the new research line will create synergies with the current Research Programs at CRAG** (www.cragenomica.es/research-programs). Our main criterion is scientific excellence and we favor projects with a potential for high impact. Candidates are expected to develop an independent research line at the highest standards.

● What CRAG offers

CRAG offers a tenure-track position at the **Junior** level. CRAG is committed to provide new group leaders with the best possible support to successfully develop their careers. The successful candidate will receive office and equipped laboratory space, personnel grants to build her/his research team (a PhD student and a postdoctoral fellow) and financial aid.

Employed in compliance with Spanish legislation and regulations under a full-time contract. Employees receive the benefits of the Spanish Social Security system covering sickness, maternity/paternity leaves and injuries at work.

● Position requirements, application procedure and deadline

Applications should include CV, letter of intent, brief research plan (4-pages maximum) and contact details for at least three referees. Application materials should be submitted through CRAG website: <https://recruitment.cragenomica.es>. Reference: **JGL CRAG 19/2020**

Informal inquiries are welcome and may be addressed to the Director, Prof. José Luis Riechmann (joseluis.riemann@cragenomica.es). **Review of applications will begin on November 16th, 2020, but the position will remain open until filled.**

● About CRAG

CRAG is an independent research institution established as a Consortium that includes the Spanish National Research Council (CSIC), the Catalan Institute of Agrifood Research and Technology (IRTA), the Autonomous University of Barcelona (UAB), and the University of Barcelona (UB). CRAG facilities, located at the UAB campus, were inaugurated in 2011: an ample and well-equipped building designed for modern plant biology and genomics research. CRAG brings together -under a unified management and operational structure- basic research groups in plant development, physiology, metabolism and genetics; groups in bioinformatics and genomics working on plants and animals; and applied projects developed together with Agbio, Biotech, and Breeding companies.

CRAG has been recognized since 2016 with the "Severo Ochoa Center of Excellence" award. The "Severo Ochoa" Program, from the Spanish Government, recognizes Centers that perform cutting-edge research and are among the world's best in their respective areas. CRAG is also a holder of the "Human Resources Excellence in Research" award from the European Commission. The award reflects CRAG's commitment to conduct transparent and merit-based recruitment and appraisal procedures and to provide attractive working conditions in alignment with the European Charter and Code. CRAG is an equal opportunity / affirmative action employer and encourages women and underrepresented minorities to apply.

The position will be initially funded by the Severo Ochoa award.

For more information about CRAG, visit: <http://www.cragenomica.es> and <https://biennialreport2018-2019.cragenomica.es>