

## Job opportunities for Young Scientists in Spain "Ramón y Cajal" Program

The Spanish "Ministerio de Economía, Industria y Competitividad" has just published the "Ramon and Cajal (RyC)" call (5 years tenure track contract) for the incorporation of senior doctors to research centers in Spain. The Centro de Biotecnología y Genómica de Plantas (CBGP, UPM-INIA) offers RyC research positions for young motivated scientists in the following areas:

### CBGP Institutional RyC positions:

- **Genomics Assisted Breeding and Edition of Plant Genomes**  
*Experience in Genomics applied to crop breeding and expertise in the novel technologies of gene editing*
- **Computational and Systems Biology**  
*Development and application of novel computational biology methods for the analyses, integration and visualization of genomics data from plants, especially crops, and their associated microorganisms.*

### RyC positions associated to CBGP research lines:

- **Evolutionary ecology of infectious diseases**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/plant-virus>*
- **Plant innate immunity mediated by cell wall glycans**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/plant-innate>*
- **Plant-Bacteria interaction: Bacterial adaptation and control of disease**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/phytopathogenic-bacteria>*
- **Plant-Pest molecular Interactions**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/plant-defence>*
- **Metal Homeostasis in Plant-Microbe Interactions**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/plant-metal>*
- **Synthetic Biology for Nitrogen Fixation**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/interaccion-de-las-plantas-con-el-medio-ipm/nitrogen-fixation>*
- **Plant Virus Biotechnology**  
*For more info visit <http://www.cbqp.upm.es/index.php/es/informacion-cientifica/biotecnologia-y-bioinformatica-bb/plant-virusbio>*
- **Towards a sustainable agriculture: improving plant nutrition**  
*For more info visit <http://www.cbqp.upm.es/index.php/en/scientific-information/plant-development-dp/lateral-root>*
- **Intelligent Systems applied to Biological Computation**  
*For more info visit <http://www.cbgp.upm.es/index.php/es/informacion-cientifica/biotecnologia-y-bioinformatica-bb/biological-informatics>*



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Researchers hired under the frame of the RyC Program will have a great **opportunity to initiate its independent research activities at the CBGP**. RyC researchers can be promoted, after external evaluation, to long-term contract positions (e.g. Assistant Professor) at the CBGP founder institutions (UPM: [www.upm.es](http://www.upm.es); and INIA: [www.inia.es](http://www.inia.es)).

CBGP offers modern and fully equipped facilities to carry out state of the art research in plant molecular biology and agronomic science, and a fantastic environment to work ([www.cbgp.upm.es](http://www.cbgp.upm.es)).

**Interested person** might **contact** us at the following address: [direccion.cbgp@upm.es](mailto:direccion.cbgp@upm.es)

More information **about the Ramon y Cajal** call visit:

<http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnnextoid=2f48fc4a1003f510VgnVCM1000001d04140aRCRD&vgnnextchannel=67a04939e6b42410VgnVCM1000001d04140aRCRD>

Specific conditions of UPM Ramón y Cajal program visit:

[http://www.upm.es/sfs/Rectorado/Vicerrectorado%20de%20Investigacion/Servicio%20de%20Investigacion/Ayudas\\_y\\_Convocatorias/Programa\\_Ramon\\_y\\_Cajal/ActuacionesRyCyJC2017\\_en.pdf](http://www.upm.es/sfs/Rectorado/Vicerrectorado%20de%20Investigacion/Servicio%20de%20Investigacion/Ayudas_y_Convocatorias/Programa_Ramon_y_Cajal/ActuacionesRyCyJC2017_en.pdf)

