Severo Ochoa Postdoctoral Contract
Centro Nacional de Biotecnología
UAM, Madrid

The Laboratory of Pilar Cubas, in the Department of Plant Molecular Genetics at the Centro Nacional de Biotecnología (Madrid, Spain) is looking for an excellent post-doctoral scientist to apply for a Severo Ochoa 2-year postdoctoral contract, starting date February-July 2016.

The candidate will apply for one of the 11 postdoctoral two-year contracts, financed by a Severo Ochoa Centres of Excellence grant. Contracts include social security coverage and a competitive salary according to qualification and experience. Applicants with a strong background in molecular biology, developmental biology, plant genetics, and/or Bioinformatics and publications as first author in top international journals are encouraged to apply.

We are studying the genetic control of shoot branching, a major determinant of plant architecture and the role of strigolactones in this process. We have also characterized, in Arabidopsis and Solanaceae, the function of BRANCED1, a TCP transcription factor that plays a key role in the promotion of axillary bud dormancy, downstream strigolactone signalling. The successful candidate will characterize the gene regulatory networks upstream and downstream of BRC1 using Systems Biology and molecular genetic approaches, for which we are generating a collection of genetic and molecular tools.

Related publications:
- Nicolas et al. (2015). Current Biology 25, 1–11
- Chevalier et al. (2014) Plant Cell 26: 1134-1150
- Martin-Trillo et al. (2011) Plant Journal 67, 701–71

Please send CV, brief description of previous research and names of two references to:
Pilar Cubas, Department of Plant Molecular Genetics, Centro Nacional de Biotecnología.
E-mail: pcubas@cnb.csic.es

Applications will be accepted until December 7th.