Postdoc fellowship in synthetic biology of hormone signaling in plants at the Center for Plant Biotechnology and Genomics in Madrid

PlantDynamics lab is looking for an enthusiastic postdoc to apply for the competitive Juan de La Cierva fellowship 2019 (2-years appointment) with an international team of young researchers that aims to understand hormonal signaling circuits in plants. The lab combines computer simulations, synthetic biology experiments and miniature lab on chip laboratories to study and understand how plant hormone signaling circuits operate in time and space to rebuild plant architecture. A candidate will design, implement synthetic genetic circuits build from plant hormone signaling modules and study and characterize dynamics of those circuits using time lapse microscopy and microfluidics lab-on-chip techniques.

Requirements are:

- PhD in the field of Biotechnology, Microbiology or related
- At least one first author paper in Q1 journal.
- PhD obtained between 2017-2018 (young postdoc) or between 2014-2016 (experienced postdoc)
- Background in molecular biology techniques such as gene cloning/assemby, worked with yeast cells
- Experience with epi-fluorescence or confocal microscopy
- Very good command of English

To express your interest please send us your CV and describe what motivates you to do science by 20th December 2018. For any questions and applications please contact: Dr. Krzysztof Wabnik (PlantDynamicsLab@gmail.com)