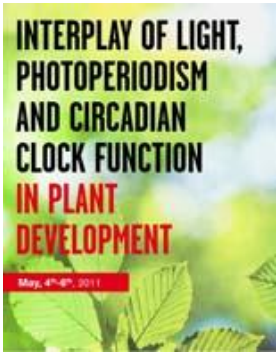
B·DEBATE International Center for Scientific Debate BARCELONA

Curriculum Vitae

Paula Suárez-López

Paula Suárez-López is a group leader at the **Centre for Research in Agricultural Genomics** (CRAG), CSIC-IRTA-UAB. She obtained her PhD in Biological Sciences at the "Severo Ochoa" Molecular Biology Centre in Madrid (Spain) in 1993 working on the variability of flu viruses. After a postdoctoral transition period working on plant viruses, she moved to her main research interest, which is plant development, at the John Innes Centre in Norwich (UK), working in the laboratory of Dr. George Coupland. She joined the Department of Molecular Genetics of the Institute of Molecular Biology of Barcelona (which later became part of CRAG) in 2002. Her research focus is the photoperiodic regulation of plant developmental processes, as well as the long-distance signaling mechanisms involved. She has made contributions to the understanding of flowering time control in the model plant *Arabidopsis*, in particular on the interaction between photoperiodic signals and the circadian clock. Her findings have also helped to understand how photoperiod leads to the production of graft-transmissible flowering signals in the leaf phloem. More recently, she has focused on the photoperiodic regulation of potato tuber induction, identifying the first microRNA involved in this process and proposing a genetic pathway for the control of tuberization.



Scientific Leader at:

INTERPLAY OF LIGHT, PHOTOPERIODISM AND CIRCADIAN CLOCK FUNCTION IN PLANT DEVELOPMENT

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