

## Curriculum Vitae



### Elena Monte

**Elena Monte** is a CSIC (Spanish Research Council) researcher at the [Centre for Research in Agricultural Genomics](#) (CRAG), in Barcelona, Spain. She received her Ph.D. in Biochemistry from the UAB University of Barcelona in 1998 for her work on the photoperiodic control of potato tuberization in the laboratory of Salomé Prat. She continued to pursue her interest in light signaling in the laboratory of Peter H. Quail at the Plant Gene Expression Center-University of California Berkeley. In 2005, she joined the Department of Molecular Genetics at the Molecular Biology Institute (IBMB) in Barcelona as group leader. The Department recently integrated as one of the founding members of CRAG. Her research interest focuses on understanding the light signaling mechanisms that regulate plant growth and development. Her work has contributed to the field of photoperiodic regulation of tuber formation in potato, and more recently to the field of light perception and signaling by the phytochromes and the phytochrome-interacting factors PIFs in *Arabidopsis*. Her findings include identification of regulatory factors such as PHOR1 in potato or PIF7 in *Arabidopsis*, the characterization of phyC function in *Arabidopsis*, and the uncovering of the role of the PIFs in the implementation of the transcriptional network that orchestrates skoto- and early photo-morphogenesis in *Arabidopsis* seedlings. Her current research interest aims at further deciphering the function of PIF3 and its target genes in *Arabidopsis* seedling growth ([www.montelab.org](http://www.montelab.org)). Her research activity includes funding from the EU (Marie Curie Actions), the Spanish Ministry of Science and Innovation (MICINN), and the Catalan Agency for Management of University and Research Grants (AGAUR).

#### Scientific Leader at:

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