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Qualifications	Biology, UCM 1992 PhD Biology, UCM 1999 Bioinformatics Expert Course, UCM 2001
Employment	2012- Associate Professor (PTU), Biotechnology, UPM 2005-2012 Assistant Professor, Biotechnology, UPM 2003-2005 Ramon y Cajal contract, Biotechnology, UPM
5 Selected publications	<p><b>Martinez M</b>, Diaz I (2008) The origin and evolution of plant cystatins and their target cysteine proteinases indicate a complex functional relationship. <i>BMC Evolutionary Biology</i> 8:198</p> <p><b>Martinez M</b>, Cambra I, Carrillo L, Diaz-Mendoza M, Diaz I (2009) Characterization of the entire cystatin gene family in barley and their target cathepsin L-like cysteine-proteases, partners in the hordein mobilization during seed germination. <i>Plant Physiology</i> 151:1531-1545</p> <p><b>Martinez M</b> (2011) Plant protein-coding gene families: emerging bioinformatics approaches. <i>Trends in Plant Science</i> 16:558-567</p> <p>Grbic M, Van Leeuwen T, Clark R, Rombauts S, Rouzé P, Grbić V, Osborne E, Dermauw W, Thi Ngoc PC, Ortego F, Hernandez-Crespo P, Diaz I, <b>Martinez M</b>, et al (2011) The genome of <i>Tetranychus urticae</i> reveals herbivorous pest adaptations. <i>Nature</i> 479: 487-492</p> <p>Cambra I, Hernández D, Diaz I, <b>Martinez M</b> (2012) Structural basis for specificity of propeptide-enzyme Interaction in barley C1A cysteine peptidases. <i>PLoS One</i> 7(5): e37234</p>
Peer review	ISRN (associated editor), <i>BMC Biochemistry</i> , <i>BMC Plant Biology</i> , <i>Journal of Plant Physiology</i> , <i>Life Sciences</i> , <i>Phytochemistry Reviews</i> , <i>Transgenic Research</i> , <i>Plant Cell and Environment</i> , <i>Plant Growth Regulation</i> , <i>Journal of Cereal Science</i> , <i>Agronomy</i> , <i>3Biotech</i> , <i>Molecules</i> , <i>Planta</i> , <i>Plant Science</i> , <i>Plant Molecular Biology Reports</i> , <i>Plant Physiology and Biochemistry</i> , <i>PLoS One</i> , <i>Journal of Yeast and Fungal Research</i> , <i>The Protein Journal</i> , <i>Insect Molecular Biology</i> , <i>International Journal of Molecular Sciences</i> , <i>International Journal of Biological Macromolecules</i> , <i>Annals of Botany</i>
Other appointments	Scientific referee: ANEP, España; FONCYT, Argentina; NRF, Sudáfrica; FWO, Bélgica