



**Isabel DIAZ**  
[i.diaz@upm.es](mailto:i.diaz@upm.es)  
0034 913364541

Dept. of Biotechnology (ETSIA, UPM)  
Plant Genomics and Biotechnology Center-UPM-INIA

Qualifications	1981- B.S. in Biology. Universidad Complutense de Madrid (UCM), Spain 1982- Master's in Biology. UCM, Spain P1986- PhD Biology. UCM, Spain
Professional experience in Spain	1982-86- PhD Student. CIB-CSIC. Madrid 1987-89- Postdoc Contract. Biotechnology Dpt. CEPSA. Madrid 1981-92- Postdoc Contract. CNB-CSIC/UPM. Madrid 1993-2012- Associated Professor. ETSIA-UPM, Madrid 2008-present- Scientific Researcher. CBGP-UPM-INIA, Madrid 2012-present-Full Professor. ETSIA-UPM, Madrid
Professional experience in other countries	1984- Research Fellow, Max-Planck-Institut, Cologne, Germany 1985-86- Research Fellow. University of Nottingham, UK 1995- Visitant Professor. University of Florida, USA
5 recent selected publications	Martinez M, Cambra I, Carrillo L, Diaz-Mendoza M, <b>Diaz I</b> (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 Grbic M, Van Leeuwen T, ... Grbić V, Osborne E, ... Ortego F, <b>Diaz I</b> , Martinez M, Navajas M, ..., Van de Peer YM (2011) The genome of <i>Tetranychus urticae</i> reveals herbivorous pest adaptations. <i>Nature</i> 479: 487-492 Cambra I, Martinez M, Dáder B, González-Melendi P, Gandullo J, Santamaría ME, <b>Diaz I</b> (2012) A cathepsin F-like peptidase involved in barley grain protein mobilization, HvPap-1, is modulated by its own propeptide and by cystatins. <i>Journal of Experimental Botany</i> 63: 4615-462 Smagge G, <b>Diaz I</b> -editors (2012) <i>Arthropod-plant interactions, novel insights and approaches for IPM</i> - Springer, Germany (ISBN:9-789400-738720) Zhurov V, Navarro M, Bruinsma KA, Arbona V, Santamaria ME, Cazauxa M, Wybouw N, Osborneg EJ, Ensa C, Rioja C, Vermeirssen V, Rubio-Somoza I, Krishnaa P, <b>Diaz I</b> , Schmid M, Gómez-Cadenas A, Van de Peer Y, Grbic M, Clark RM, Van Leeuwen T, Grbic V (2014) Reciprocal responses in the interaction between <i>Arabidopsis</i> and the cell-content feeding chelicerate herbivore <i>Tetranychus urticae</i> . <i>Plant Physiology</i> 164: 384-399
Board and committee positions	-2004-present- Editorial Board of Transgenic Research, Springer, The Netherlands -2010-present- Associate coordinator ANEP-Agriculture (National Agency of Evaluation and Prospection), Ministry of Economy and Competitiveness, Spain -Reviewer of research projects of Spanish (ANEP, INCITE; FFCIDT; AGAE; ACSUCyL) and international institutions (BBSRC; ANR; ISF; STW; FONCYT)
Peer review	Reviewer of scientific articles in more than 40 different SCI journal ( <i>Plant Journal</i> ; <i>Plant Physiology</i> ; <i>PNAS</i> ; <i>Trends in Plant Science</i> ; <i>New Phytologist</i> ; <i>Journal of Experimental Botany</i> ; <i>Planta</i> ; <i>FEBS Letters</i> ; <i>PLoS One</i> ; <i>Phytochemistry</i> ; <i>Gene</i> ; <i>Plant Biotechnology Journal</i> ; <i>Plant Molecular Biology</i> ; among others)
Other appointments	-Author of 63 articles published in SCI journals, 12 book chapters and editor of 2 books published in prestigious editorials. -Participant as researcher in 17 projects and as responsible researcher in 14 projects financed by local, national and international institutions. -Supervisor of 8 PhD thesis, 9 Master thesis and 8 Degree thesis.