



Plant Biology

XXIII Meeting of the Spanish
Society of Plant Physiology

XVI Spanish Portuguese
Congress of Plant Physiology

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Biochemist. PhD in Biochemistry. Research Professor of the National Research Council (CSIC) working at the Instituto de Biología Molecular y Celular de Plantas (IBMCP) a joint research institute of the CSIC and the Polytechnic University of Valencia. Head of the Plant Breeding and Biotechnology Department of the IBMCP 2009. Visiting scientist at: Plant Science Institute, University of Penn, USA (3.5 yrs), Queen's University at Kingston Canada (18 months), UC Davis USA (12 months) and MPI Golm Germany, Durham University, INP Toulouse France and several other short stays of 2 months or less.

Area of expertise: Fruit development and ripening using genetics, genomics and molecular tools. Analyzing natural variability in tomato and developing new materials, collections and varieties with improved fruit quality (flavour and health related compounds). Pioneer in developing and applying -omics technologies in fruits: including genomics, transcriptomics, and metabolomics. Postharvest and fruit quality. Analyzing the effect of different pre and postharvest conditions in fruit quality and identifying the mechanisms underlying postharvest disorders. Modelling sensory quality by metabolites and transcriptomics networks. Main work on tomato but also has experience with citrus, peach and strawberry.

Scientific facts: H-index in Scopus: 43. Over 6500 citations on a total of 150 papers in first quartil, 75 % first decil (including Nature, Science). Exponential increase in productivity and impact: 60% of my papers have been published in the last 6 years, and most of them as part of international collaborations. Author of 33 book chapters, 12 patents (4 were licensed). A total of 350 presentations in National and International (75% of them) meetings, and 90% of those occurring after year 2009 were oral presentations, invited talks or keynote speaker presentations. Extensive experience in public and private funding: PI or CoPI in 47 research projects. Highlighting the coordination of large consortia ESPSOL, and CALITOM and participating in 10 EU funded projects. Current and live projects: coordination of H2020 SFS TRADITOM ((634561) on traditional tomato varieties and STSM coordinator in Quality fruit COST FA 1106 and partner in H2020 TomGEM on tomato heat tolerance, H2020 Newcotiana (760331), H2020 Pharma-factory (SEP-210417525) and Erasmus plus 561964-EPP-1-2015-FR-EPPKA2-CBHE-JP .Supervisor of 20 PhD Thesis. Reviewer of the most important journals in Plant Sciences and Food Science, etc. and projects NSF, BARD, EU, reviewers. Managing Editor for JXB, JPP, Frontiers Plant Sci, etc. Member of the scientific advisory board for public and private companies (Genoma España, Sistemas Genómicos, U of Auckland, UC Davis, etc. Organizer of International scientific meetings, and chair of a large number of sessions.