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Plant Biology

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Pamplona
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Basic formation in Biochemistry (1996) and PhD in Plant Physiology in 2001. After post-doctoral stays in the Scottish-Agricultural College (UK) and the University of Neuchatel (Switzerland) he is currently Lecturer at the University Jaume I in the section of Plant Physiology of the Department of Agronomic and Natural Sciences. His main interest is focused in the plant immune system, particularly in a very specific defense mechanism so called defence priming. He specialized in the synthesis of chemicals with capacity to induce resistance in tomato against fungal diseases. Recently he co-leads a Research Unit UJI-EEZ (CISIC) focused in the study of mycorrhiza induced resistance (MIR) combined with a new research line in plant arthropod-interactions that aims to decipher the plant immune responses against the two spotted spider mite pest in citrus and tomato plants. Since he started his scientific activity, he always has kept an active participation in transference of knowledge being funded by agrochemical companies. He is currently leader of the Metabolic Integration and Cell Signalling group at the UJI. He is also the Convenor of the IOBC Work group of Induced Resistance against pests and pathogens (2017-)- member of the Editorial Board, Plant Signaling and Behavior (Landes Bioscience) and Frontiers in Plant Science. He has got the highly cited researcher awards in 2016 and 2017 (Thomson Reuters). PI of more several past and current private and public national and international research projects.