

Inmaculada Sampedro is Ramon y Cajal Researcher at the Department of Microbiology in the University of Granada (UGR), where she is member of the research group BIO-188. She has a Bachelor in Pharmacy (UGR, 1999) and a PhD in Pharmacy (UGR, 2005). She began her research career at the Estación Experimental del Zaidín (EEZ, CSIC), (Pre-doctoral FPU fellowship from the MEC). During her PhD studies she also worked at the Instituto de la Grasa (CSIC, Sevilla) and at the University of Tucsia (Italy). After obtaining her PhD, she took a Post-doctoral position at the Department of Agrobiology and Agrochemistry at the University of Tuscia (Italy) and she collaborated with the Academy of Sciences of the Czech Republic (Prague) and the University of Perugia (Italy). In 2009, she took a JAE-Doc competitive contract at the EEZ, CSIC. In 2012, she took a Post-doctoral position at the University of Vermont (Burlington, VT, USA) and she worked for 3 years as Research Associate at Dartmouth College (Thayer School of Engineering, Hanover, NH, USA).

Her main research is focus in the study of bacteria chemotaxis in the context of root colonization and plant infection, with an emphasis on small molecules (VOCs) and links to the plant-signalling pathway. She has participated (as IP and/or partner) in 16 national and international projects and she is the inventor of 2 patents. Currently she is the principal investigator of a European Industrial Doctorate Project funded by H2020.

She has published 44 SCI articles (*h* 16), 3 books chapters and she has participated in 43 conferences (orcid number <https://orcid.org/0000-0003-0528-3954>). In her role as a supervisor, she has supervised 3 PhDs, several Master Thesis and PhD students and 2 Posdoc. She is member of two research networks. She participates as external referee in SCI journals. She has involved in transference of knowledge and divulgation meetings for the regional government. Her research work has received the Environment Award 2009 granted by the Fundación Caja Rural.