

He got a B.S. in Agronomical Engineering and a Ph.D. in Agronomy from the University of Córdoba (Spain) in 1998 and 2002 respectively. APDL have been working as a researcher since then, with stays in different researching centres and universities from Spain, Israel and UK. Since 2009 APDL IS Tenured Scientist at the Andalusian Institute of Agricultural Research and Training (IFAPA, Spain). Its expertise area covers resistance and defensive mechanisms of crops against parasitic plants and other pathogens, nanotechnology applied to plant research and agriculture, effect of beneficial microbes (mycorrhizal fungi and rhizobacteria) on crops, plant histology and microscopy (histochemistry, confocal laser scanning microscopy) studies. During this time, APDL have been involved in 20 researching projects (both, national and international), being Principal Investigator in five of them. He has published several scientific papers in peer reviewed (SCI) journals, book chapters and presentations in international congresses, being invited for scientific talks in international conferences, researching centres, private companies' meetings, and meetings from the European Commission. APDL is member of the Editorial Board of Scientific Reports (Nature Publishing Group) and presently acting as Editor for a Guest Collection about "Nanotechnology in Agriculture" in this journal.