

Dr. Xavier Nadal has a degree in Biology (in 2003) from UB, a master's in Pharmacology (in 2006) and a PhD in Health and Life Sciences (in 2011) from the UPF. His PhD research focused on the role of the endocannabinoid and opioid systems in neuropathic pain regulation. From 2011 to 2018 he was the Director of the R&D-Extraction Department at PhytoPlant Research studying and developing methods for Cannabis extraction and purification of cannabinoids. At PhytoPlant he develops 2 families of patents for the purification of cannabinoids by direct crystallization of the extracts or by liquid-liquid chromatography. From 2018 to April 2020 he was the director of the Extraction Department in Plena Global where he established a pilot plant for the commercial production of cannabis derivatives. Recently he established as an Independent Researcher and Consultant in the Cannabis and other medicinal plants field. During all his career he has published several scientific articles and book chapters about the endocannabinoid system and phytocannabinoids, focused in their applications and mechanism of action.