

Maria Muñoz achieved a degree in chemistry at the University of Valencia (February 2010). Before completing the degree, she made an Erasmus stay for 11 months at Technical University of Braunschweig (Germany) where she worked in the department of food chemistry. Her project was focused on the separation, identification and characterization of phenolic compounds in blueberries using HSCCC and LSRCCC mainly.

She joined up with the MINTOTA research group in department of Analytical Chemistry (University of Valencia) in November 2010 for the accomplishment of research work of the master (master in experimental techniques in chemistry). Her master has been funded by competitive public grant Ministerio de Educación, Cultura y Deporte. In November 2011 she matriculated in the International PhD in Chemistry with excellence mention. During her doctoral studies she made a stay for three months (February-April 2011) at Technical University of Braunschweig (Germany), the same university where she performed her Erasmus stay. This time, her work was focused on the separation and characterization of compounds in small bananas, especially chlorophylls and carotenoids. The thesis defense is programmed for later this year.

Her research interests lie in the Development of analytical strategies for the identification of emerging contaminants and in knowledge of environmental sample treatment techniques for environmental matrices: water, sediment, and biota samples. Moreover, during her research she has developed in-situ analysis devices in the area of the environment analysis, bioanalysis and food analysis. She is coauthor of 6 peer reviewed journals and 1 chapter of book and she has contributed to several national and international scientific conferences presenting posters

She is member of the Faculty Committee of the Faculty of Chemistry (Universitat de València) since November 2013.