

Ana Ballester Caudet was graduated in Chemistry in 2008 at University Jaume I in Castellón (Spain). In July 2009 she was awarded a 4-year PhD fellowship funded by Ministerio de Ciencia e Innovación from Spain and she developed her doctoral thesis at the Physical Chemistry and Analytical department of University Jaume I. She defended her thesis in November 2013, which concerns the investigation of the physicochemical properties of semiconductor nanostructures. In November 2013, she obtained the International Doctorate degree in Chemistry with Excellent Cum Laude grade.

In her postdoctoral stage, she was awarded a 2-year Marie Curie Postdoctoral fellowship at Université de Liège (Belgium) from October 2014 – October 2016. She investigated the structural, electronic and optical properties of gold nanoclusters passivated by organic/inorganic ligands on the nanoscale size regime. In 2018 she obtained a Master degree in Experimental Techniques in Chemistry at University of Valencia. She joined the research group MINTOTA to conduct her master project, which was focused on [a new synthetic strategy](#) to employ solid-phase colorimetric sensors for monitoring meat freshness. This research activity was conducted under the supervision of Prof. Pilar Campíns and Carmen Molíns.

At the moment, she is a member of the MINTOTA research group and her research interests are focused on the implementation of new nanomaterials for designing chemical sensors in food analysis and liquid chromatography miniaturized in the area of environmental analysis. She has published 9 articles in scientific journals and has contributed to several national and international conferences (10 in total) by means of oral or poster presentation. She also collaborates in teaching activities lecturing on practical lessons in Analytical Chemistry in Chemistry degree courses at University of Valencia.