

Carmen María Ferrer Amate



Degree in Chemistry (2004) and PhD in Analytical Chemistry (2017, Cum Laude) with extraordinary doctoral award and mention of quality, by the University of Almeria (UAL). To obtain the European Mention of the PhD degree, I did a 6-month pre-doctoral stay at the Austrian Food Safety Agency (AGES) in Innsbruck (Austria), in 2009.

Since 2004 I develop my research work in the EU Reference Laboratory for Pesticide Residues in Fruits and Vegetables, EURL-FV, at the University of Almeria, focused on the analysis of pesticide residues in food, development and validation of analytical methods with advanced mass spectrometry techniques, including high resolution, with different analysers, and coupled to gas and liquid chromatography. In recent years, I am responsible for the organisation and evaluation of EU proficiency testing according to ISO/IEC:17043, for which I am the technical director of the quality system. In addition, I am also substitute technical manager for ISO/IEC:17025.

I am a lecturer in the university degrees of Chemistry and Environmental Sciences, as well as in the master's degree of the University of Almeria (since 2018).

I have been instructor in different training courses about development and validation of analytical methods, use of analytical instruments and about the international standard ISO/IEC 17043, carried out in Singapore (2009), Chile (2015), Kenya (2015 and 2016), India (2016) and Brazil (2019), organised by international organisations: EU-Better Training for Safer Food (BTSF), EDES, AOAC section India and the International Atomic Energy Agency (IAEA).

I have participated as national expert in audits of the EU Commission (DG SANTE, Directorate F-Health and Food Audits and Analysis) carried out in Egypt (2010), France (2010), Italy (2012), Romania (2014), Cambodia (2014), Germany (2015), Argentina (2016), Malaysia (2016) and Italy (2019).

Since 2012, I participate in EFSA and DG SANTE meetings regarding the EU Multi Annual control programme. I am member of the Working Group 3 of the European Committee for Standardization (CEN/TC 275/WG 3 Pesticides) and project leader of the method EN 15662-modular QuEChERS. Since 2011, I am coordinator of the EU document "Analytical Quality Control and Method Validation Procedures for Pesticide Residues Analysis in Food and Feed (SANTE/11312/2021)".

With h-index of 21 and 2155 total citations, I am co-author of 46 research papers published in scientific journals of the first levels of JRC. I am also co-author of 3 book chapters.



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Key words

Analytical Chemistry,
Chromatography & Mass
Spectrometry, Food Analysis,
Pesticide Residues, Quality
control, Proficiency Tests.

