

Part A. PERSONAL INFORMATION		CV date	1/06/2020
First and Family name	ANA MARIA GARCIA CAMPAÑA		
Researcher numbers	Researcher ID	H-7752-2015	
	Orcid code	0000-0002-3191-3350	

A.1. Current position

Name of University/Institution	University of Granada		
Department	Analytical Chemistry		
Address and Country	Faculty of Sciences, Av. Fuentenueva s/n, 18071 Granada, Spain		
Phone number	958242385	E-mail	amgarcia@ugr.es
Current position	Full Professor	From	19/10/2010
Espec. cód. UNESCO	2301-Analytical Chemistry		
Palabras clave	Analytical Chemistry, mass spectrometry, fluorescence, separation techniques, contaminants, residues, food, sample treatments		

A.2. Education

PhD	University	Year
Chemistry	University of Granada	1995

A.3. JCR articles, h Index, thesis supervised...

- *Sexenios de investigación*: 4 (last one for 2009-2014, obtained on 17/06/2015)
- 12 doctoral Thesis co-supervised: 5 of them Thesis Extraordinary Prize; 9 of them International Thesis. One of them, price for young researchers GRASEQA. Thesis in course: 2.
- Total Citations: 4660 (Web of Science)
- Number of publications in Q1: 140
- Total publications in JCR: 211 (Web of Science); H-index: 40 (Web of Science)

Part B. CV SUMMARY (max. 3500 characters, including spaces)

Doctor by the UGR (1995, Extraordinary Prize). Postdoctoral stays related to chemometrics (U. Rovira i Virgili, Tarragona 1995, Prof. X. Rius) and chemiluminescence (U. Ghent, 1996 and 1997, Prof. W. Baeyens). As a guest lecturer, she has worked on photoinduced fluorescence (Prof. JJ Aaron, U. Paris VII, 1999 and 2001), on capillary electrophoresis (Prof. H. Fabre, (U. Montpellier I, 2000 and 2004) and electrogenerated chemiluminescence (Prof. L. Blum, U. Lyon I, 2005.) Visiting professor at the U. of Virginia (USA) to start in microfluidic systems (2009, Prof. JP Landers). Responsible for the research group "Quality in Analytical Food Chemistry, Environmental and Clinic "(FQM-302) since 2000. Participation in 11 projects of the National Plan (7 as IP), 1 Complementary Action of the National Plan (IP), 4 projects of Scientific-Technological Infrastructure (FEDER) (IP), 3 Projects of Excellence of the Andalusian Plan (IP), 3 Coordinated Actions of the Andalusian Plan (1 as IP), 10 calls for Inter-annual Grants for Andalusian Groups (IP), 1 Project of the Excellence Campus CEI-BioTic Granada (IP), 3 Microprojects of the CEI-BioTic Granada, 1 project of R+D+i Strengthening Program of the UGR-FEDER (IP). He has led contracts with Puleva Biotech S.A., Herba Rice Mills, Alhóndiga La Unión and DMC Research Center, S.L. Research areas: food and environmental quality and safety, control of contaminants (mycotoxins) and residues of veterinary and human drugs and pesticides in food and environmental samples, determination of drugs of abuse in forensic and clinical samples and development of innovative methodologies for sample treatments. Techniques used: capillary electrophoresis, capillary electrochromatography, HPLC, capillary HPLC and UHPLC with various detection systems (UV-Vis, chemiluminescence, and fluorescence, LIF and MS and HRMS). 12 Doctoral Theses supervised. 3 Edited books (international: Chemiluminescence in Analytical Chemistry, Marcel Dekker, New York, 2000); 21 book chapters; 334 Communications to congresses (198 international, 136 national); 28 plenary conferences. Teaching in Bachelor's and Degree in Chemistry and Third Cycle (13 courses in two Doctorate Programs with a

Quality Mention) and in the Master's Degree in Chemistry. Non-regulated teaching: 29 courses of the Graduate School of the UGR, 3 postgraduate courses (International University of Andalusia, Baeza, U. de Jaén and Almería) and 3 university expert degrees (U. de Almería and Universidad Internacional de Andalucía in La Rábida). Responsible for the organization of national (SECYTA 2007 and 2018; SEEM 2007; GRASEQA 2018) and international meetings (International Symposium on Luminescence Spectrometry 2002, International Symposium on Chromatography 2010) and member of scientific congress committees. Member of scientific committees of different meetings (MSB 2020, ITP 2019, JAI 2017, 2014, ISLS from 2002 to 2018, SECyTA from 2007 to 2018). Member of the Excellence National Mycotoxin Network (MICOFOOD) (AGL2017-90787-REDT, Prof. Jordi Mañés) and of the network for innovation in sample treatment techniques (RED2018-102522-T, Prof. Soledad Cardenas).

Part C. RELEVANT MERITS

C.1. Publications (including books)

1. Chapter book: F.J. Lara, D. Moreno-González, M. Hernández-Mesa, **A.M. García-Campaña**. Food safety applications of capillary electromigration methods. In: Capillary electromigration separation methods. Colin F. Poole (Ed). Elsevier, (Amsterdam) 2018, pp. 511–545. ISBN: 9780128096147.
2. Determination of sulfonylurea pesticide residues in edible seeds used as nutraceuticals by QuEChERS in combination with ultra-high-performance liquid chromatography-tandem mass spectrometry. M. Hernández-Mesa, **A.M. García-Campaña**. J. Chromatogr. A 1617 (2020) 460831.
3. Multi-mycotoxin occurrence and exposure assessment approach in foodstuffs from Algeria. C. Khelifa Mahdjoubi, N. Arroyo-Manzanares, N. Hamini-Hadar, **A.M. García-Campaña**, K. Mebrouk, L. Gámiz-Gracia. Toxins 12 (2020) 194.
4. Monitoring of cyanotoxins in water from hypersaline microalgae colonies by ultra high performance liquid chromatography with diode array and tandem mass spectrometry detection following salting-out liquid-liquid extraction. M. Hemmati, C. Tejada-Casado, F.J. Lara, **A.M. García-Campaña**, M. Rajabi, M. del Olmo-Iruela. J. Chromatogr. A 1608 (2019) 460409.
5. C. Tejada-Casado, M. Hernández-Mesa, F. Monteau, F.J. Lara, M. del Olmo-Iruela, **A.M. García-Campaña**, B. Le Bizec, G. Dervilly-Pinel. Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. Anal. Chim. Acta 1043 (2018) 52-63.
6. M. Hernández-Mesa, B. Le Bizec, F. Monteau, **A.M. García-Campaña**, G. Dervilly-Pinel. Collision cross section (CCS) database: an additional measure to characterize steroids. Anal. Chem. 90 (2018) 4616–4625.
7. C. Tejada-Casado, F.J. Lara, **A.M. García-Campaña**, M. del Olmo-Iruela. Ultra-high performance liquid chromatography with fluorescence detection following salting-out assisted liquid-liquid extraction for the analysis of benzimidazole residues in farm fish samples. J. Chromatogr. A 1543 (2018) 58-66.
8. D. Moreno-González, R. Haselberg, L. Gámiz-Gracia, **A.M. García-Campaña**, G.J. de Jong, G.W. Somsen. Fully compatible and ultra-sensitive micellar electrokinetic chromatography-tandem mass spectrometry using sheathless porous-tip interfacing. J. Chromatogr. A 1524 (2017) 283-289.
9. J.L. Urraca, J.F. Huertas-Pérez, G. Aragonese Cazorla, J. Gracia-Mora, **A.M. García-Campaña**, M.C. Moreno-Bondi. Development of magnetic molecularly imprinted polymers for selective extraction: determination of citrinin in rice samples by liquid chromatography with UV diode array detection. Anal. Bioanal. Chem. 408 (2016) 3033-3042.
10. N. Arroyo-Manzanares, J. Diana Di Mavungu, V. Uka, L. Gámiz-Gracia, **A.M. García-Campaña**, S. De Saeger. An integrated targeted and untargeted approach for the analysis of ergot alkaloids in cereals using UHPLC – hybrid quadrupole time-of-flight MS. World Mycotoxin J. 8 (2015) 653-666.

C.2. Research projects and grants



1. RTI2018-097043-B-I00 (Ministerio de Ciencia, Innovación y Universidades). Towards a safe consumption of nutraceuticals: analytical evaluation of the presence of emerging mycotoxins and cyanotoxins by advanced techniques (NUTRATOX). (Convocatoria 2018). MR: A.M. García Campaña, M. del Olmo Iruela. 1/01/2019 - 1/01/2020. 72.600,00 €.
2. RED2018-10522-T (Ministerio de Ciencia, Innovación y Universidades."Redes de Investigación").Red Nacional para la innovación en las técnicas de tratamiento de muestra miniaturizadas. Coordinator: M.S. Cárdenas Aranzana (U. Córdoba)/ UGR: A.M. García Campaña.1/01/2020 al 31/12/2022. 20.000 €.
3. EQC2018- 004453-P, Coupling of mass spectrometry using a triple quad with capillary electrophoresis: quantification and identification of chemical emerging risks in environmental and food safety. Ministerio de Economía y Competitividad. Ayudas a infraestructuras y equipamiento científico-técnico del subprograma estatal de infraestructuras científicas y técnicas y equipamiento (convocatoria 2018). MR: A.M. García Campaña. 1/01/2019 - 1/01/2020. 325.008,75 €.
4. AGL2017-90787-REDT (Ministerio de Ciencia, Innovación y Universidades. Redes de excelencia").Red Nacional sobre las micotoxinas y hongos toxigenicos y de sus procesos de descontaminacion (MICOFOOD). Coordinator: J. Mañés (U. Valwencia)/MR UGR: A.M. García Campaña 1/01/2018 al 31/12/2020. 10.000 €.
5. AGL2015-70708-R (MINECO/FEDER), Chemical hazards in nutraceuticals: advanced analytical proposals for the determination of mycotoxins and pesticides. Ministerio de Economía y Competitividad. Proyecto I+D+i - Retos de la Sociedad (convocatoria 2015). MR: A.M. García Campaña, L. Gámiz Gracia. 1/01/2016 - 31/12/2018. 84.700 €.
6. UNGR15-CE-3541, Mass quadrupole-time hybrid mass spectrometer coupled to high efficiency capillary electrophoresis system for food, environmental, clinical and forensic analysis. Ministerio de Economía y Competitividad. Ayudas a infraestructuras y equipamiento científico-técnico del subprograma estatal de infraestructuras científicas y técnicas y equipamiento (convocatoria 2015). MR: A.M. García Campaña. 1/01/2016 - 31/12/2018. 393.935,00 €.
7. P9-2013-110, The application of emerging mass spectrometry techniques for screening food for residues and contaminants. Universidad de Granada. Programa de proyectos de investigación para la incorporación de jóvenes doctores a nuevas líneas de investigación en grupos de la Universidad de Granada (2013). MR: F.J. Lara Vargas (Universidad de Granada). 01/03/2017 - 28/02/2018. 34.000 €.
8. P12-AGR-1647, Advanced methodologies of analysis and sample treatment based on miniaturization and green chemistry for multiresidue control of chemical hazardous agents in infant foods and foods of animal origin. Junta de Andalucía. Proyectos de excelencia (2012). MR: Ana M. García Campaña. 1/03/2014 - 28/02/2018. 144.444,00 €.
9. P08-AGR-04268, Application of capillary electrophoresis and ultra performance liquid chromatography with different detection systems to the multiresidue monitoring of veterinary drugs in foods. Junta de Andalucía. Proyectos de excelencia (2008). MR: Ana M. García Campaña. 31/01/2009 - 31/12/2013. 291.923,68 €.
10. P07-AGR-03178, Determination of mycotoxins and pesticides in beverages and food derived from cereals using miniaturized techniques with UV-VIS, mass spectrometry and laser induced fluorescence. Junta de Andalucía. Proyectos de excelencia (2007). MR: Ana M. García Campaña. 01/02/2008 - 31/12/2012. 160.000 €.

C.3. Contracts

- 1 C-3897-01, Control of mycotoxins in feed and foods derived from animals. DMC Research Center, S.L/Fundación Empresa- UGR/Grupo FQM-302. 01/11/2013 - 31/10/2017. Ana M. García Campaña/Laura Gámiz Gracia.
- 2 CAPRILACT, Determination of organosulfur compounds derived from alliaceae in milk and derivatives from goats. Campus de Excelencia Internacional BioTic Granada, III Convocatoria "Compromiso con la investigación y el desarrollo". Microproyectos (2013). UGR, Grupo FQM-302 / DMC Reseach Center S.L. 01/01/2014 - 31/12/2014. Natalia Arroyo Manzanares (Universidad de Granada). 4.000 €
- 3 CEI2013-MP-27, Analytical control of natural antimicrobials in feed as an alternative to antibiotics as growth promoters. Campus de Excelencia Internacional BioTic Granada. II Convocatoria "Compromiso con la investigación y el desarrollo". Microproyectos (2012). UGR, Grupo FQM-302 / DMC Reseach Center S.L. 11/03/2013 - 31/12/2013. Francisco J. Lara Vargas (Universidad de Granada). 4.000 €.



- 4 CEI2013-MP-17, Control of mycotoxins in animal feed: evaluation of the treatment of feed and silos with natural agents. Campus de Excelencia Internacional BioTic Granada. II Convocatoria "Compromiso con la investigación y el desarrollo". Microproyectos (2012). UGR, Grupo FQM-302 / DMC Reseach Center S.L. 11/03/2013 - 31/12/2013. José F. Huertas Pérez . 4.000 €.
- 5 C-3367-00, Proposal of analytical methodologies by means of chormatography. DMC Research Center S.L./Fundación Empresa- UGR/Grupo FQM-302. 1/1/2009-31/12/2009. Ana M. García Campaña (Universidad de Granada). 2.000 €
- 6 2898-00, Development and optimization of analytical methodologies for the characterization of starch. Corporación Tecnológica de Andalucía. HERBA RICEMILLS, S.A./Fundación Empresa-UGR/Grupo FQM-302. 15/06/2007 - 31/12/2009. Ana M. García Campaña. 116.150 €

C.4. Patents

C.5. Participation in organizing committees of scientific meetings.

- XVIII Reunión Científica de la Sociedad Española de Cromatografía y Técnicas Afines (SECyTA 2018). Granada, 2018. President.
- 28th International Symposium on Chromatography. Valencia, 12-16 Septiembre 2010. Member.
- VII Reunión Científica de la Sociedad Española de Cromatografía y Técnicas Afines (SECyTA 2007). Granada, 17-19 Octubre 2007. President
- I Workshop de la Sociedad Española de Espectrometría de Masas (SEEM 2007)". Granada, 16 Octubre 2007. President
- XII International Symposium on Luminescence Spectrometry (ISLS 2006). Lugo, 18-22 Julio 2006. Organizador: Alberto Cepeda. Member.
- X International Symposium on Luminescence Spectrometry- Detection Techniques in Flowing Streams-Quality Assurance and Applied Analysis (ISLS 2002)". Granada, 4-7 Junio 2002. President
- 10º Latin-American Symposium on Biotechnology, Biomedical, Biopharmaceutical and Industrial Applications of Capillary Electrophoresis and Microchip Technology (LACE 2004). Toledo, 5 - 9 Noviembre 2004. Member.
- IIIrd Miniaturisation in Liquid Chromatography versus Capillary Electrophoresis Conference - European Training Course in Microseparation Techniques. Leonardo da Vinci, ECOSEP III. Gante (Bélgica), 26-28 Mayo 1999. Member.

C.6. Participation in scientific committees of scientific meetings

- 36th International Symposium on Microscale Separations and Bioanalysis (MSB 2020).
- 26th International Symposium on Electroreparation and Liquid Phase- Separation Techniques (ITP 2019)
- Reunión de la SECyTA (Ediciones: 2007, 2009, 2015, 2016, 2018, 2019).
- International Symposium on Luminescence Spectrometry (2002, 2004, 2006, 2008, 2010, 2012, 2014, 2016, 2018).
- Jornadas de Análisis Instrumental (JAI, 2008; JAI 2017).
- International Symposium of Bioluminescence and Chemiluminescence (2014, 2016)
- XVI Latin-American Congress on Chromatography (COLACRO 2016).
- Latin-American Symposium on Capillary Electrophoresis (2005, 2009, 2019).
- Miniaturisation in Liquid Chromatography versus Capillary Electrophoresis Conference. (1997, 1999).

C.7. Institutional responsibilities

Secretary of the Dept. Analytical Chemistry of UGR from 1998 to 2008. Head of the Department since 2016. President from 2019 of the Spanish Society of Chromatography and Related Techniques (SECyTA) and Vice-president from 2017-2019. External reviewer for the Spanish National Research Agency (ANEP). Member of the national evaluation commission for associated professor (ACADEMIA). Member of the Spanish Society of Analytical Chemistry (SEQA), Andalusian Regional Group of the Spanish Society of Analytical Chemistry (GRASEQA), Spanish Society of Chromatography and Related Technologies (SECyTA), Spanish Society of Mass Spectrometry (SEEM).