

PROFESSIONAL EXPERIENCE

ASSISTANT PROFESSOR	Department of Preventive Medicine and Public Health. Faculty of Medicine. University of Granada, Spain.	2018-current
CLINICAL DATA MANAGER & MEDICAL WRITER	Biosearch Life. <i>Company specialized in the research, development and marketing of probiotics, omega-3 and natural ingredients with beneficial effects on health.</i> Department of Research. Granada, Spain.	2018
POSTDOCTORAL RESEARCHER	Molecular Biology Institute of Barcelona. Spanish Research Council (CSIC). Scientific Research Park of Barcelona, Spain.	2016-2017
	Department of Biochemistry and Physiology. Faculty of Pharmacy and Nutritional Sciences. University of Barcelona, Spain.	2014-2015
	Cardiovascular Risk and Nutrition research group. Mar Institute of Medical Research (IMIM). Biomedical Research Park of Barcelona, Spain.	2011-2015
	Department of Food and Nutritional Sciences. School of Chemistry, Food Biosciences & Pharmacy. The University of Reading, UK.	2008-2009
PhD STUDENT	Department of Food and Nutritional Sciences. School of Chemistry, Food Biosciences & Pharmacy. The University of Reading, UK.	2006-2008
	Department of Food and Animal Sciences. School of Veterinary Sciences. Autonomous University of Barcelona, Spain.	2004-2008
RESEARCH ASSISTANT	Department of Food and Animal Sciences. School of Veterinary Sciences. Autonomous University of Barcelona, Spain.	2004
	Department of Nutrition and Bromatology. School of Pharmacy. University of Granada, Spain.	2003-2004

HIGHER EDUCATION

PhD	Research line: Nutrition of Monogastric Animals. PhD thesis: <i>"Evaluation of different feeding strategies and their influence on the intestinal fermentative processes for the control of Salmonella in pigs".</i> Dep. of Food and Animal Science. Faculty of Veterinary Sciences. Autonomous University of Barcelona, Spain.	2004-2008
MSc	Research line: Animal Nutrition. Master thesis: <i>"In vitro study of the changes induced by different types of dietary fiber on colonic fermentation and their influence on Salmonella Typhimurium"</i> Dep. of Food and Animal Science. Autonomous University of Barcelona, Spain.	2004-2006
Degree	Food Science and Technology (Licenciatura). Faculty of Pharmacy. University of Granada, Spain.	2000-2003
Degree	Biology (Licenciatura). Faculty of Sciences. University of Granada, Spain.	1993-1998

All degrees have been properly homologated by DOATAP

COMPLEMENTARY HIGHER POSTGRADUATE EDUCATION

- **PhD courses in Animal Nutrition (200 h, 2006).** Department of Food and Animal Science. Faculty of Veterinary Sciences. Autonomous University of Barcelona, Spain.
- **PhD courses in Human Nutrition (280 h, 2004).** Department of Nutrition and Bromatology. Faculty of Pharmacy. University of Granada, Spain.

FUNDING

GRANTS

TYPE	NAME	PUBLIC FUNDING ORGANISM	AMOUNT (Date)
Postdoctoral	"Sara Borrell"	Health Institute Carlos III (Spain)	144.000 € (2010-2015)
Predoctoral	PhD grant "FPI"	Ministry of Economy and Competitiveness (Spain)	61.600 € (2004-2008)
	Travel grants	Ministry of Economy and Competitiveness (Spain)	9.000 € (2007), 4.500 € (2006)
	Research scholarship	Autonomous University of Barcelona (Spain)	3.000 € (2004)

PARTICIPATION IN RESEARCH PROJECTS

PUBLIC FUNDING (Title, Reference, Funding, Role, Dates)

- Feed strategies for finishing pigs aimed to minimize the excretion of Salmonella in faeces associated to stress prior to slaughter.* AGL2003-08370-C03-01. Spanish Ministry of Science and Education, Spain. **202.200 €**. Role: **Investigator**. 2004-2008.
- Animal nutrition, management and welfare.* Ref. 2005SGR-00493. Consolidation of Research Groups, Spain. **48.200 €**. Role: **Investigator**. 2005-2008.
- Interventions to Reduce the Carriage of Antimicrobial Resistance in Food Producing Animals.* Ref. VM2203. UoR. DEFRA (UK), **219.092 £**. Role: **Investigator**. 2006-2007.
- Evaluation of functional ingredients to improve the health status of pigs.* Ref. AGL2007-60851. Spanish Ministry of Science and Education, Spain. **115.434 €**. Role: **Investigator**. 2007-2009.
- Virgin olive oil and HDL functionality: a model for tailoring a functional food.* Ref. AGL2009-13517-C03-01. ISCIII, Spain. **169.399 €**. Role: **Investigator**. 2010-2012.
- Effect of Mediterranean Diet on the mechanisms associated to HDL functionality.* Ref. PI11/01647. ISCIII and MINECO, Spain. **109.240 €**. Role: **Investigator**. 2012-2014.
- Effects of a lifestyle intervention on the infant obesity prevention: Communitarian based model (POIBC study).* Ref. PI11/01900. Spanish Health Institute Carlos III (ISCIII) and MINECO, Spain. **110.715 €**. Role: **Investigator**. 2012- 2015.
- Metabolic Fate of Olive Oil Phenolic compounds and /or complementary phenols in humans: Nutrigenomic Effect. The MEFOP Project.* Ref. AGL2012-40144-C03-01. Ministry of Economy and Competitiveness (MINECO), Spain. **98.280 €**. Role: **Investigator**. 2013-2015.
- PREDIMED+DM: Effect of a weight loss intervention with traditional hypocaloric Mediterranean Diet and promotion of physical activity for the prevention of T2D in subjects with MetSd.* Ref. PI20/01532. Health Institute Carlos III, Spain. **114.006 €**. Role: **Investigator**. 2020-2022.
- Tailor made exo-polysaccharides from probiotic strains.* Next Generation EU, Ministry of Universities and UGR. **28.700€**. Role: **Principal Investigator**. 2022-2023.

PRIVATE FUNDING (Title, Funding, Role, Dates)

- Evaluation of the nutritional status of a University population during Ramadam.* University of Granada, Spain. No funding. Role: **Investigator**. 2003-2004
- Effect of mannan-oligosaccharides on the intestinal microbiota and immune system of pigs.* Alltech Biosciences, Ireland. **10.000 €**. Role: **Investigator**. 2004.
- Effect of two different dietary fibre on Intestinal microbiota using a three-stage continuous culture system (gut model).* Aboca S.p.A., Italy. **15.000 €**. Role: **Investigator**. 2008.
- Evaluation of oligosaccharides on infant gut microbiota.* Clasado BioSciences, UK. **11.000 €**. Role: **Investigator**. 2008.
- Human trial on the prebiotic capacity of a resistant maltodextrin.* National Starch and Chemical Company, USA. **127.000 €**. Role: **Investigator**. 2008-2009.

SUMMARY

SCOPUS ID: 24825067000; h-index: 16; Publications JCR: 31; Citations: 980; 1stauthor: 14; corresponding author: 9; Q1: 19

PEER-REVIEWED PUBLICATIONS (* Corresponding author)

1. **Martín-Peláez S**, Martín-Orúe SM, Pérez JF, Fàbrega E, Tibau J, Gasa J (2008). Increasing feed withdrawal and lairage times prior to slaughter decreases the gastrointestinal tract weight but favours the growth of cecal *Enterobacteriaceae* in pigs. *Livestock Science*, 119:70-76 (IF: 1.091; position 20/45 in category *Agriculture, Dairy and Animal Science*).
2. **Martín-Peláez S**, Gibson GR, Martín-Orúe SM, Klinder A, Rastall RA, La Ragione RM, Woodward MJ, Costabile A (2008). *In vitro* fermentation of carbohydrates by porcine fecal inocula and their influence on *Salmonella* Typhimurium growth in batch culture systems. *FEMS Microbiology Ecology*, 66:608-619 (IF: 3.335; position 25/91 in category *Microbiology*).
3. ***Martín-Peláez S**, Martín-Orúe SM (2008). Feeding strategies for the control of *Salmonella* in pigs. *Food Science and Technology Bulletin*, doi: 10.1616/1476-2137.15487, ISSN 1476-2137.
4. Napolitano A, Costabile A, **Martín-Peláez S**, Vitaglione P, Klinder A, Gibson GR, Fogliano V (2009). Potential prebiotic activity of oligosaccharides obtained by enzymatic conversion of durum wheat insoluble dietary fibre into soluble dietary fibre. *Nutrition, Metabolism and Cardiovascular Diseases*, 19:283-290 (IF: 3.517; position 23/95 in category *Nutrition and Dietetics*).
5. **Martín-Peláez S**, Manzanilla EG, Anguita M, Fondevila M, Pérez JF, Martín-Orúe SM (2009). Different fibrous ingredients and coarsely ground maize affect hindgut fermentation in the pig *in vitro* but not *Salmonella* Typhimurium survival. *Animal Feed Science and Technology*, 153:141-152 (IF: 1.866; position 4/50 in category *Agriculture, Dairy and Animal Science*).
6. **Martín-Peláez S**, Peralta B, Creus E, Dalmau A, Velarde A, Pérez JF, Mateu E, Martín-Orúe SM (2009). Different feed withdrawal times prior to slaughter influence cecal fermentation and faecal *Salmonella* in pigs. *Veterinary Journal*, 182:469-473 (IF: 2.323; position 6/142 in category *Veterinary Sciences*).
7. **Martín-Peláez S**, Costabile A, Hoyles L, Rastall RA, Gibson GR, La Ragione RM, Woodward MJ, Mateu E, Martín-Orúe SM (2010). Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with *Salmonella* Typhimurium. *Veterinary Microbiology*, 142:337-345 (IF: 3.256; position 3/145 in category *Veterinary Sciences*).
8. Costabile A, Sanghi S, **Martín-Peláez S**, Mueller-Harvey I, Gibson GR, Rastall RA, Klinder A (2011). Inhibition of *Salmonella* Typhimurium by tannins *in vitro*. *Journal of Food Agriculture and Environment*, 9:119-124 (IF: 0.517; position 100/128 in category *Food Science and Technology*).
9. **Martín-Peláez S**, Covas MI, Fitó M, Kušar A, Pravst I (2013). Health effects of olive oil polyphenols: Recent advances and possibilities for the use of health claims. *Molecular Nutrition and Food Research*, 57(5):760-771 (IF: 4.909; position 3/123 in category *Food Science and Technology*).
10. Hernáez A, Fernández-Castillejo S, Farràs M, Catalán U, Subirana I, Montes R, Solà RM, Muñoz-Aguayo D, Gelabert-Gorgues A, Díaz-Gil O, Nyssönen K, Zunft HJ, de la Torre R, **Martín-Peláez S**, Pedret A, Covas MI, Fitó M (2014). Olive oil polyphenols enhance high-density lipoprotein function in humans. A randomized controlled trial. *Arteriosclerosis, Thrombosis, and Vascular Biology*, 34: 2115-2119 (IF: 6.008; position 5/68 in category *Peripheral Vascular Disease*).
11. Mosele JJ, **Martín-Peláez S**, Macià A, Farràs M, Valls RM, Catalán U, Motilva MJ (2014). Faecal microbial metabolism of olive oil phenolic compounds: *in-vitro* and *in-vivo* approaches. *Molecular Nutrition and Food Research*, 58:1809-1819 (IF: 4.603; position 4/123 in category *Food Science and Technology*).
12. Mosele JJ, **Martín-Peláez S**, Macià A, Farràs M, Valls RM, Catalán U, Motilva MJ (2014). Study of the catabolism of thyme phenols combining *in-vitro* fermentation and human intervention. *Journal of Agricultural and Food Chemistry* 62(45): 10954-10961 (IF: 2.912; position 13/123 in category *Food Science and Technology*).
13. Farràs M, Castañer O, **Martín-Peláez S**, Hernáez Á, Muñoz-Aguayo D, Subirana I, Muñoz-Aguayo D, Gaixas S, Torre R de L, Farré M, Rubió L, Díaz Ó, Fernández-Castillejo S, Solà R, Motilva MJ, Fitó M (2015). Complementary phenol-enriched olive oil improves HDL characteristics in hypercholesterolemic subjects. A randomized, double-blind, crossover, controlled trial. The VOHF study. *Molecular Nutrition and Food Research*, 59(9):1758-70 (IF: 4.551; position 5/125 in category *Food Science and Technology*).

14. Guasch-Ferré M, Babio N, Martínez-González MA, Corella D, Ros E, **Martín-Peláez S**, Estruch R, Arós F, Gómez-Gracia E, Fiol M, Santos-Lozano JM, Serra-Majem L, Bulló M, Toledo E, Barragán R, Fitó M, Gea A, Salas-Salvadó J; PREDIMED Study Investigators (2015). Dietary fat intake and risk of cardiovascular disease and all-cause death in a population at high cardiovascular risk. *American Journal of Clinical Nutrition*, 102(6):1563-73 (IF: 6.703; position 3/80 in category *Nutrition and Dietetics*).
15. ***Martín-Peláez S**, Mosele JI, Pizarro N, Farràs M, de la Torre R, Subirana I, Pérez-Cano FJ, Castañer O, Solà R, Fernandez-Castillejo S, Heredia S, Farré M, Motilva MJ, Fitó M (2015). Effect of virgin olive oil and thyme phenolic compounds on blood lipid profile: implications of human gut microbiota. *European Journal of Nutrition*, 56:119 (IF: 3.239; position 27/80 in category *Nutrition and Dietetics*).
16. **Martín-Peláez S**, Castañer O, Konstantinidou K, Subirana I, Muñoz-Aguayo D, Blanchart M, Gaixas S, de la Torre R, Farré M, Sáez GT, Nyssönen K, Zunft HJ, Covas MI, Fitó M (2015). Effect of olive oil phenolic compounds on the expression of blood pressure-related genes in healthy individuals. *European Journal of Nutrition*, 56(2):663-670 (IF: 3.239; position 27/80 in category *Nutrition and Dietetics*).
17. ***Martín-Peláez S**, Castañer O, Solà R, Motilva MJ, Castell M, Pérez-Cano FJ, Fitó M (2016). Influence of phenol-enriched olive oils on human intestinal immune function. *Nutrients*, 8(4):213 (IF: 3.550; position 23/81 in category *Nutrition and Dietetics*).
18. ***Martín-Peláez S**, Camps-Bosacoma M, Massot-Cladera M, Rigo-Adrover M, Franch A, Pérez-Cano FJ, Castell M (2017). Effect of cocoa's theobromine on intestinal microbiota of rats. *Molecular Nutrition and Food Research*, 61(10) (IF: 5.151; position 5/133 in category *Food Science and Technology*).
19. Pedret A, Fernández-Castillejo S, Valls RM, Catalán Ú, Rubió L, Romeu M, Macià A, López de Las Hazas MC, Farràs M, Giralt M, Mosele JI, **Martín-Peláez S**, Remaley AT, Covas MI, Fitó M, Motilva MJ, Solà R (2018). Cardiovascular Benefits of Phenol-Enriched Virgin Olive Oils: New Insights from the Virgin Olive Oil and HDL Functionality (VOHF) Study. *Molecular Nutrition and Food Research*, 62(16): e1800456. (IF: 4.653; position 9/135 in category *Food Science and Technology*).
20. **Martín-Peláez S**, Fitó M, Castañer O (2020). Diet quality benefits on health. The Mediterranean Diet effects on type 2 diabetic subjects prevention, disease progression and molecular mechanisms. Review. *Nutrients*, 12(8), 2236 (IF: 5.719; position 17/88 in category *Nutrition and Dietetics*).
21. Navarrete-Muñoz EM, Vioque J, Toledo E, et al. (**Martín-Peláez S**, position 42/52) (2020). Dietary folate intake and Metabolic Syndrome in participants of PREDIMED-Plus study: A cross-sectional study. *European Journal of Nutrition*, doi:10.1007/s00394-020-02364-4 (IF: 5.619; position 18/88 in category *Nutrition and Dietetics*).
22. Fernández-Martínez E, Fernández-Villa T, Amezcua-Prieto C, et al. (**Martín-Peláez S**, position 17/18) (2020). Menstrual problems and lifestyle among Spanish university women. *International Journal of Environmental Research and Public Health* (IF: 3.390; position 42/176 in category *Public, Environmental and Occupational Health*). 17, 7425.
23. Cano-Ibáñez N, Martínez-Galiano, Luque-Fernández MA, et al. (**Martín-Peláez S**, position 4/6) (2020). Maternal Dietary Patterns during Pregnancy and Their Association with Gestational Weight Gain and Nutrient Adequacy. *International Journal of Environmental Research and Public Health*, 17, 7908 (IF: 3.390; position 42/176 in category *Public, Environmental and Occupational Health*).
24. Román-Gálvez RM, ***Martín-Peláez S**, Martínez-Galiano JM, et al. (2021). Prevalence of Intimate Partner Violence in Pregnancy: An Umbrella Review *International Journal of Environmental Research and Public Health*, 18(2):707 (IF: 3.390; position 42/176 in category *Public, Environmental and Occupational Health*).
25. Román-Gálvez RM, ***Martín-Peláez S**, Fernández-Félix BM, et al. (2021). Worldwide Prevalence of Intimate Partner Violence in Pregnancy. A Systematic Review and Meta-Analysis. *Frontiers In Public Health*, 9: 738459 (IF: 3.709; position 62/203 in category *Public, Environmental and Occupational Health*).
26. Díaz-Burrueco JR, Cano-Ibáñez N, **Martín-Peláez S**, et al. (2021). Effects on the maternal-fetal health outcomes of various physical activity types in healthy pregnant women. A systematic review and meta-analysis. *European Journal of Obstetrics, Gynecology, and Reproductive Biology*, 262:203-215 (IF: 2.435; position 49/83 in category *Obstetrics and Gynecology*).
27. Álvarez-Arraño V, ***Martín-Peláez S** (2021). Effects of Probiotics and Synbiotics on Weight Loss in Subjects with Overweight or Obesity: A Systematic Review. *Nutrients*, 13(10):3627 (IF: 5.719; position 17/88 in category *Nutrition and Dietetics*).
28. Cano-Ibáñez N, Serra-Majem LI, **Martín-Peláez S**, et al. (2021). Association between the Prime Diet Quality Score and depressive symptoms in a Mediterranean population with metabolic syndrome. Cross-sectional and 2-year follow-up assessment from PREDIMED- PLUS study. *British Journal of Nutrition*, 29:1-10 (IF: 3.718; position 48/88 in category *Nutrition and Dietetics*).

29. ***Martín-Peláez S**, Cano-Ibáñez N, Pinto-Gallardo M, Amezcua-Prieto C (2022). The impact of probiotics, prebiotics and synbiotics during pregnancy and lactation on the intestinal microbiota of children born by cesarean section: A systematic review. *Nutrients*, 14(2):341 (IF: 5.719; position 17/88 in category *Nutrition and Dietetics*).
30. Cano-Ibáñez N, Serra-Majem LI, **Martín-Peláez S**, et al. (2022). Dietary diversity and Depression: Cross-sectional and longitudinal analyses in Spanish adult population with Metabolic Syndrome. Findings from PREDIMED-PLUS Trial. *Public Health Nutrition* In press (PHN-RES-2021-0254) (IF: 4.022; position 38/88 in category *Nutrition and Dietetics*).
31. ***Martín-Peláez S**, Serra-Majem LI, Cano-Ibáñez N, et al. (2022). *Contribution of cardio-vascular risk factors to depressive status in the PREDIMED-PLUS Trial. A cross-sectional and a 2-year longitudinal study.* *Plos One* In press (PONE-D-21-24745) (IF: 3.240; position 26/72 in category *Multidisciplinary Sciences*).

EDUCATIONAL PUBLICATIONS

32. Barrios-Rodríguez R, Salcedo-Bellido I, Jiménez-Moleón JJ, et al. (**Martín-Peláez S**, position 10/15) (2021). Peer review of teaching: using the nominal group technique to improve a program in a University setting with no previous experience. *Journal for Academic Development*. In press (IF: 2.929; position 83/265 in category *Education and Educational Research*)

BOOK CHAPTERS

- Fitó M, **Martín-Peláez S**, Castañer O, Konstantinidou V (2012). *Nutrigenomic Effects of Olive Oil on Cardiovascular Risk. In Nutrigenomics: Application to the Development of Nutraceuticals and Cosmeceuticals* Pag 21- 34. M.T.Ravi Subbiah. Nova Science Publishers, New York.

CONFERENCE CONTRIBUTIONS

PUBLISHED IN PEER-REVIEWED JOURNALS

1. Castillo M, Rodríguez C, **Martín-Peláez S**, et al. (2005). Effect of mannan-oligosaccharides and (or) organic zinc on the intestinal microbiota and immune response of early-weaned pig. *Journal Of Animal Science* 83 - suppl, pp. 83 – 83. Joint Meeting of the ADSA, ASAS. Cincinnati, USA.
2. **Martín-Peláez S**, Manzanilla EG, Fondevila M, et al. (2005). In vitro characterization of corn, sugar beet pulp and wheat bran as a source of dietary fibre for growing pigs. *ITEA-Informacion Tecnica Economica Agraria* 26 (II): 491-493. XI Joint Meeting on Animal Production. Zaragoza, Spain.
3. Manzanilla EG, **Martín-Peláez S**, Martín-Orúe SM, et al. (2005). In vitro study of the effect of different plant extracts on gas production of the digestive content of the early weaned pig. *ITEA-Informacion Tecnica Economica Agraria* 26 (II): 494-496. XI Joint Meeting on Animal Production. Zaragoza, Spain.
4. **Martín-Peláez S**, Creus E, Peralta B, et al (2007). Effects of feed withdrawal times prior to slaughter on cecal fermentation and Salmonella shedding at the abattoir. *Journal of Animal Science*, 85 (1): 32. Joint Meeting of the ADSA, ASAS, PSA. San Antonio, Texas, USA.
5. **Martín-Peláez S**, Peralta B, Creus E, et al. (2007). Effect of fasting hours on cecal fermentation and Salmonella excretion in slaughterhouses *ITEA-Informacion Tecnica Economica Agraria* 28 (I): 258-260. XII Joint Meeting on animal production. Zaragoza, Spain.
6. **Martín-Peláez S**, Martín-Orúe SM, Pérez JF, et al. (2007). Effects of feed withdrawal and lairage time prior to slaughter on the gut environment and cecal Enterobacteriaceae in finishing pigs. *Journal of Animal Science*, 85 (1): 32. Joint Meeting of the ADSA, ASAS, PSA. San Antonio, Texas, USA.
7. **Martín-Peláez S**, La Ragione R, Woodward MJ, et al. (2007). Probiotics and prebiotics to control Salmonella Typhimurium in farm animals. *CIBUS* 3: 40. 4th Probiotics, Prebiotics & New Foods jointly with XXX International Congress on Microbial Ecology and Disease (SOMED). Roma, Italy.
8. **Martín-Peláez S**, Mosele JI, Pizarro N, et al. (2015). Effect of phenolic compounds-enriched olive oils on human gut microbial populations and metabolites. Possible influence on lipid profile. *Nutrición Hospitalaria* 31 (I): 142. I Workshop Probiotics, Prebiotics and Health: Scientific Evidence. Oviedo, Spain.
9. **Martín-Peláez S**, Rigo- Adrover M, Camps-Bossacoma M, et al. (2015). Gut microbiota and mucosal immunity are influenced by cocoa theobromine. *Nutrients*. 7(12):9785-9803. 2nd International Congress on Chocolate and Cocoa in Medicine. Barcelona, Spain.

10. **Martín Peláez S**, Manzanilla EG, Anguita M, *et al.* (2006). In vitro study of Salmonella surveillance in the hindgut of pigs supplemented with different types of dietary fibre. IS3 International Symposium of *Salmonella* and Salmonellosis. Saint Maló, France.
11. Costabile A, **Martín-Peláez S**, Martín-Orúe SM, *et al.* (2007). Determination of the inhibitory spectrum of pre, pro and synbiotics against Salmonella Typhimurium. Conference on Gastrointestinal Function (CGIF2007). Chicago, USA.
12. Sanghi S, Costabile A, **Martín-Peláez S**, *et al.* (2007). Determination of the inhibitory spectrum of the tannin extracts against Salmonella Typhimurium. International Scientific Association for Probiotics and Prebiotics (ISAPP). London, UK.
13. Costabile A, **Martín-Peláez S**, Martín-Orúe SM, *et al.* (2007). Determination of the inhibitory spectrum of different prebiotics against Salmonella Typhimurium. International Scientific Association for Probiotics and Prebiotics (ISAPP). London, UK,
14. **Martín-Peláez S**, Gibson GR, Martín-Orúe SM, *et al.* (2008). Probiotics and prebiotics to control Salmonella Typhimurium in farm animals. XII International Symposium on Microbial Ecology. Cairns, Australia.
15. **Martín-Peláez S**, Costabile A, Hoyles L, *et al.* (2009). Evaluation of the inclusion of a mixture of organic acids or lactulose into the feed of pigs experimentally challenged with Salmonella Typhimurium. XI International Symposium on Digestive Physiology of Pigs. Montbrió del Camp, Spain.
16. Fitó M, Konstantinidou V, Khymenets O, Pujadas M, Muñoz-Aguayo D, Castañer O, Farras M, Gaixas S, Heredia S, Blanchart G, **Martín-Peláez S**, *et al.* (2011). Polyphenols as medicalized food to prevent cardiovascular risk. I World Summit on Medicalized Food & Medical Nutrition: The Emerging Market of Therapeutic Complements Science, Regulation and Market. París, France.
17. ***Martín-Peláez S**, Mosele J, Pizarro N, *et al.* (2014). Potential prebiotic activity of phenolic compounds-enriched virgin olive oil and its influence on lipid metabolism in hypercholesterolemic humans. II World Congress on Targeting Microbiota. París, France.
18. ***Martín-Peláez S**, Camps- Bosacoma M, Massot-Cladera M, Rigo-Adrover M, Franch A, Pérez-Cano FJ, Castell M (2017). Is theobromine responsible of the cocoa effects on rat's gut microbiota? VIII Workshop Spanish Society of Probiotics and Prebiotics (SEPyP). Santiago de Compostela, Spain, 2017.
19. Cano-Ibáñez N, Riquelme-Gallego B, García-Molina L, López-Maldonado A, Moreno-Roldán E, **Martín-Peláez S** (2019). Transversal study on the influence of the geographical area of residence in the inappropriate intake of nutrients in older adults with metabolic syndrome in Spain. VIII Ibero-American Nutrition Congress. Pamplona, Spain.
20. Lozano-Lorca M, García-Caballo M, Vázquez-Alonso F, Sánchez-Pérez MJ, Barrios-Rodríguez R, **Martín-Peláez S**, *et al.* (2019). Compliance with healthy lifestyles (WCRF / AICR) and prostate cancer. CAPLIFE study. XXXVII Annual Meeting of the Spanish Society of Epidemiology (SEE). Oviedo, Spain.
21. Amezcua-Prieto C., Lozano-Lorca M, Barrios-Rodríguez R, Vázquez-Alonso F, **Martín-Peláez S** *et al.* (2019). Sedentarism and prostate cancer risk. CAPLIFE study. XXXVII Annual Meeting of the Spanish Society of Epidemiology (SEE). Oviedo, Spain.
22. Cano-Ibáñez N, Sánchez-Villegas A, **Martín-Peláez S**, Riquelme-Gallego B, García- Molina L, Bueno-Cavanillas A (2020). *Diet and depression: role of dietary diversity on depressive symptomatology in Spanish adults with metabolic syndrome*. I Virtual Congress of The Spanish Society of Epidemiology (SEE) and the Portuguese Association of Epidemiology (APE).
23. Cano-Ibáñez N, Sánchez-Villegas A, Amezcua-Prieto C, **Martín-Peláez S**, Riquelme-Gallego B, Bueno- Cavanillas A (2021). Are depressive symptoms associated with dietary quality? Cross-sectional analysis and after 2 years of follow-up in the PREDIMED-PLUS study. XXXIX Congress of The Spanish Society of Epidemiology (SEE) and the Portuguese Association of Epidemiology (APE).

STAGES

TYPE	STARTED	MONTHS	CENTRE	COUNTRY
Predoctoral	2003	6	Dep. of Nutrition and Bromatology. School of Pharmacy. University of Granada	SPAIN
	2004	2	Dep. of Food and Animal Sciences. School of Veterinary Sciences. Autonomous University of Barcelona	SPAIN
	2006	30	Dep. of Food and Nutritional Sciences. School of Chemistry, Food Biosciences & Pharmacy. The University of Reading	UK
Postdoctoral	2008	6	Dep. of Food and Nutritional Sciences. School of Chemistry, Food Biosciences & Pharmacy. The University of Reading	UK
	2014	13	Dep. of Biochemistry and Physiology. Faculty of Pharmacy and Nutritional Sciences. University of Barcelona	SPAIN

ACADEMIC ACTIVITY

ACCREDITATIONS OF TEACHING APTITUDES

1. **Pedagogic Competence Certificate (CAP)** (180 hours; 1998–1999). Post-graduate school, University of Granada, Spain.
2. Accredited as **“Assistant Professor”** (*professor ayudante doctor*) by The National Agency for Quality Assessment and Accreditation of Spain, **ANECA** (PAD number: 2016-4696), 2017.
3. Accredited as **“Assistant Professor”** by The Catalan University Quality Assurance Agency, **AQU**, 2017.
4. Accredited as **“Associate Professor”** (*professor contratado doctor*) by The National Agency for Quality Assessment and Accreditation of Spain, **ANECA** (PCD number: 2020-13568), 2021.
5. Student’s annual evaluation of teaching capacities: 9.04/10 (2018-2019); 9.33/10 (2019-2020); 9.56/10 (2020-2021)

OFFICIAL TEACHING

SUBJECT	UNDERGRADUATE/MASTER	UNIVERSITY	ACADEMIC YEAR (hours)
FOOD MICROBIOLOGY	Master's Degree in Food Science	UoR	2007-2008 (30)
NUTRITION	Veterinary Sciences	UAB	2006-2007 (18)
PHYSIOLOGY AND PHYSIOPATHOLOGY	Pharmacy	UB	2014-2015 (21)
METHODOLOGY OF RESEARCH	Occupational Therapy	UGR	2018-2021 (203)
PUBLIC HEALTH	Occupational Therapy	UGR	2018-2021 (190)
FUNDAMENTS OF RESEARCH IN HEALTH	Medicine	UGR	2018-2021 (66)
ICT'S AND METHODOLOGY OF RESEARCH	Nursing	UGR	2018/2021 (147)
HEALTH PROMOTION IN PREGNANCY	Master's Degree in Research and advances in Preventive Medicine and Public Health	UGR	2020-2021 (20)
PATIENT SAFETY			
TEACHING INNOVATION AND EDUCATIONAL RESEARCH	Master's Degree in Secondary Education Teaching and Language Teaching	UGR	2020-2021 (10)

UGR, University of Granada (Spain); UB, University of Barcelona (Spain); UAB, Autonomous University of Barcelona (Spain); UoR, The University of Reading (UK).

SUPERVISIONS

PhD STUDENTS

- Sambrano D. *Genetic, biochemical, and nutritional factors related to Vitamin D levels in tuberculosis patients*. University of Granada. 2020-ongoing

MASTER STUDENTS

- Ahmed Saleh T. *Analysis of the effects of olive oil and thyme polyphenols on the intestinal microbial ecosystem and their influence on cardio-vascular risk factors. Preliminary work*. University Pompeu Fabra (Barcelona), Spain, 2012.
- Yagüe A. *Probiotics guide for women's health. A review of randomized controlled trials*. UGR, Spain, 2019-2020.
- Murcia Y. *Effect of dietary artificial sweeteners on gut microbiota*. UGR, Spain, 2020-2021.
- Pingal M. *The impact of probiotics during pregnancy and lactation on the intestinal microbiota of children born by cesarean section. A systematic review*. UGR, Spain, 2020-2021.
- Álvarez, V. *Effects of probiotics and symbiotics on gut microbiota on weight loss in subjects with overweight or obesity: a systematic review*. UGR, Spain, 2020-2021.
- El Founti Khsim, I. *Listeriosis in pregnancy: An umbrella review of maternal exposure, treatment, and neonatal complications*. UGR, Spain, 2020-2021.

DEGREE'S FINAL THESIS

- Cristina A. *Modulation of the gut microbiota through the diet*. UGR, Spain, 2018-2019.
- Ruiz A. *Role of the brain-gut axes in health*. UGR, Spain, 2018-2019.
- Osorio M. *Gut microbiota and health. Effect of probiotics and prebiotics on allergies*. UGR, Spain, 2019-2020.
- Herrera A. *Benefits of Physical activity through lifetime*. UGR, Spain, 2018-2019.
- Fernández M. *Nutrition and health promotion during childhood*. UGR, Spain, 2019-2020.
- Fernández, P. *Modulation of the microbiota for women's health: The use of probiotics as a preventive strategy against preterm birth*. UGR, Spain, 2020-2021.
- Augusto, V. *Disruptive elements of the intestinal microbial balance: exposure to antibiotics during pregnancy in the newborn. Systematic review*. UGR, Spain, 2020-2021.

MEMBER OF EXAMINATION PANELS

PHD

- Guerra A. *Prebiotic and probiotic strategies in the prevention and control of post-weaning colibacillosis in piglets*. Autonomous university of Barcelona. Barcelona, Spain, 2013.
- Vicente F. *A new food frequency questionnaire to assess cocoa consumption and its relationship with health in University students*. University of Barcelona. Barcelona, Spain, 2016.

MASTER THESIS

- Master "Research and advances in preventive medicine and public health", UGR: 2019-2020, 6 master theses.

DEGREE THESIS

- Nursing degree: 2018-2021, 32 degree theses.
- Occupational Therapy degree: 2018-2021, 9 degree theses.

PARTICIPATION IN TEACHING INNOVATION PROJECTS

- *Teaching feedback project*. Ref. 19-27. University of Granada, Schedule FIDO UGR 2018-2020. Role: Investigator.
- *Design and application of two epidemic simulation games: food poisoning and COVID-19*. Ref. 20-136. University of Granada, Schedule FIDO UGR 2020-2022. Role: Investigator.

SCIENTIFIC DISSEMINATION AND OUTREACH ACTIVITIES

- **Topic Editor-in-Chief:** "[Probiotics, Prebiotics and Postbiotics in Human Health](#)" in NUTRIENTS (2021).
- **Guest editor** for the Special Issue "[Dietary Bioactives, Gut Microbiota, and Human Health](#)" in NUTRIENTS (2021).
- **Co-guest editor** for the Special Issue "Diet Quality and Human Health" in NUTRIENTS (2020). https://www.mdpi.com/journal/nutrients/special_issues/diet_quality_human_health
- **Topic board member** in NUTRIENTS (2020) https://www.mdpi.com/journal/nutrients/topic_editors
- **Member of organizing committee and Chairperson.** 2nd International Congress on Chocolate and Cocoa in Medicine. Barcelona, Spain, 2015.
- **Reviewer** of JCR journals <https://publons.com/researcher/2399819/sandra-martin-pelaez/peer-review/>
- **Coordinator** of the **degree subjects** "Public Health" and "Methodology of Research" (academic courses 2019/2021).
- **Co-coordinator** of the **module of permanent training** of both "Nutrition and Cardiovascular Risk" and "Epidemiology and Genetics" research groups. Mar Institute of Medical Research. Barcelona, 2012- 2014.
- **Volunteer for Science dissemination into non-scientist audiences:**
 - Open days of the Barcelona Biomedical Research Park. Barcelona, Spain, 2011-2013.
 - Royal Society summer exhibition "A microbial journey through digestion". London, UK, 2007.
 - European Researchers' night: "Hands hygiene" and "Microcombat: Learning About Antimicrobial Resistance" activities. Granada, Spain, 2019. <https://lanochedelosinvestigadores.fundaciondescubre.es/investigador/sandra-martin-pelaez/>
- **Invited speaker** (*talk title, place, year*):
 - **Gut microbiota and pregnancy: Importance and modulatory factors.** Faculty of Medicine, University of Granada, 2022.
 - **Microbiota and health. How to balance our gut microbiota?** Centre for contemporaneous culture "La Madraza", University of Granada, Spain, 2019.
 - **Feeding gut microbiota for better health.** Institute for Research in Biomedicine (IRB), Barcelona, Spain, 2016.
 - **Effect of the consumption of phenolic compounds-enriched olive oils on human gut microbiota. Possible influence on lipid profile.** Autonomous University of Barcelona, Spain, 2015.
 - **Feeding strategies for the control of Salmonella Typhimurium in pigs.** University of Reading, United Kingdom, 2007.
 - **Probiotics and prebiotics to control Salmonella Typhimurium in farm animals.** University of Reading, United Kingdom, 2006

OTHER MERITS

MEMBERSHIP OF SCIENTIFIC ADVISORY COMMITTEES, SOCIETIES, NETWORKS

- Research groups IBS-D-07 and CTS-137: **Preventive Medicine and Public Health.**
- Spanish Society of Microbiota, Probiotics and Prebiotics (SEMiPyP).
- National Biomedical Research Networking Centre (**CIBER**) - **Physiopathology of Obesity and Nutrition** (2014-2018).

OTHER COURSES

- **Advanced Epidemiology: new epidemiological studies** (60 h). Andalusian School of Public Health. Granada, Spain. 2019.
- **Statistical Analysis for Health Sciences** (30 h). Mar Institute of Medical Research. Barcelona, Spain. 2012.
- **Business management** (570 h). Andalusian council. Granada, Spain. 1999.

LANGUAGES

<i>Language</i>	<i>Level</i>
Spanish	Mother tongue
Greek	C1 (MINISTRY OF EDUCATION, LIFELONG LEARNING AND RELIGIOUS AFFAIRS, Greece 2020)
English	PROFICIENCY (PhD carried out in UK) B2 (FIRST CERTIFICATE IN ENGLISH, UNIVERSITY OF CAMBRIDGE, 2003)

CONTACTS FOR REFERENCES

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Dr. Glenn R. Gibson, WOS Researcher ID A-9595-2009

Full Professor. Food Microbial Sciences Unit, Department of Food and Nutritional Sciences, University of Reading, UK
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Dr. Adele Costabile, ORCID ID 0000-0003-3185-030X

Associate Professor. Health Sciences Research Centre, Life Sciences Department, Whitelands College, University of Roehampton, London, UK
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Dr. Mónica Olivares, Scopus author identifier 55629498900

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