

CURRICULUM VITAE

SURNAME: Houhoula **NAME:** Dimitra

DATE OF BIRTH: 18-5-1973 **PLACE OF BIRTH:** Athens, Greece

e-mail: dhouhoula@uniwa.gr

GRADUATE STUDIES

- 09/1992: Entered 4th in the Department of Chemistry of National University of Athens.
- 03/1997: Graduation (grade of Diploma “Very Good”).
- Diploma thesis: “Application of electronic paramagnetic resonance for the study of hydroxyl radicals generated by fibrous and non-fibrous dusts: their significance for pathogenesis of occupational respiratory diseases”.

POSTGRADUATE STUDIES

- **P.h.D** from the Department of Chemistry and Food Technology Faculty of Chemical Engineering of National Technical University of Athens, entitled “Study of thermooxidative alterations of oils and the effect of natural antioxidants during frying of food” (July 2003).
- **Ph.D.** from the Laboratory of Microbiology, Medical School of Athens entitled: "Molecular Diagnosis in mycobacteriaceae (July 2006).

AWARDS

- ❖ **Obtaining a Patent** from the Industrial Property Organization for the creation of 3d printed microfluidic for the detection by isothermal amplification of pathogenic microorganisms (2023).
- ❖ **1^o Prize Applied Research on:** «Gold nanoparticles for the identification of *Staphylococcus aureus* και *Listeria monocytogenes*» D. Houhoula, J. Papaparaskevas, S. Koussissis. K. Konstantopoulos, A. Tsakris and C. Charvalos. In the 40 National Medical Conference, May 2014.
- ❖ **Papastamatis second prize on:** “The epidemiology of pulmonary tuberculosis patients in two hospitals in Athens” Houhoula D, N. Skarmoutsou, E. Faviou, H. Fakiri, S. Nicolaou, C. Vletsas, V. Tamvakis, E. Papafragas, S. Kanavaki, P. Tassios, N. Legakis and L. Zerva. In the 31st National Medical Conference, May 2005.
- ❖ 1st Prize (as supervisor) from the 19th Panhellenic Diabetes Congress on "RELATIONSHIP OF THE LEPTIN RECEPTOR Gln223Arg POLYMORPHISM AND THE OXIDATIVE DECOMPOSITION OF LIPIDS IN PATIENTS WITH TYPE 2 DIABETES SACHERUM" 2 -May 3, Athens, 2021
- ❖ 2nd Prize (as supervisor) from the 20th Panhellenic Diabetes Congress on "RELATIONSHIP OF SIRT1 GENE POLYMORPHISMS AND ANTIOXIDANT LOAD IN PREGNANCY WITH DIABETES" May 18-21, Athens, 2022
- ❖ 2nd Prize (as supervisor) for the development of an innovative food product “MILKYGON” The competition “INNOVAGRO” on the topic: Development of an innovative network to promote the

extroversion of agri-food companies in the Adriatic-Ionian, took place on 3/10/2020 in Chania Crete.

- ❖ 2nd Prize (as supervisor) for the development of an innovative food product "YOGON" in the context of the ECOTROPHELIA 2018 Ecological - Innovative Food Products Competition organized by SEBT for the 8th consecutive year.
- ❖ November 2005 to April 2007: Post-doctoral researcher with a grant of the Foundation Scholarship (IKY) in Molecular Diagnosis of Bacterial Infections in the field of Microbiology, University of Athens entitled "Development of conventional and molecular method to control a vector of hospitalized patients with resistant anaerobic bacteria to antibiotics. Application of methodology to control the trucks hospitalized patients a tertiary hospital in Athens and its correlation with the consumption of antibiotics"

TRAINING COURSES

Paris 2002: Institute Pasteur with title: «Outils Moleculaires et Epidemiologie de la Tuberculose»

POSITIONS

- **Department of Chemistry and Food Technology Faculty of Chemical Engineering of National Technical University of Athens.**
- 1999-2001: Research scientist at the program “Enzymatic modification of natural antioxidants aiming at the optimization of their recapture process due to industrial waste and the improvement of their qualities” (September 1999-May 2001), in collaboration with VIORYL (Chemical and Agricultural Industry-Scientific Research Inc.).
- Responsible Chemical to conduct laboratory experiments of the Laboratory of Chemistry and Food Technology in their respective courses of the seventh and eighth semester of the Department of Chemical Engineering (1997-2003). Supervision of graduate student thesis at the Laboratory of Food Chemistry and Technology entitled: Study of the thermooxidative deterioration of oils. (1997-1998).
- **Institute for Defense Analyses (Ministry of National Defence)**
Preparation work as a researcher in Chemical-item: "Design methods for quality control of maintenance of the Armed Forces and energy value". (September1998-September1999).
- **Institute for Defense Analyses (Ministry of National Defence)**
Preparation work as Chemical-researcher with the subject: "Study of the environment and recording of factors may be causes of diseases and their effects on both physical and psychological work performance" (February 2000-August2000).
- **Institute for Defense Analyses (Ministry of National Defence)**
Study in Chemical-researcher on the subject: Study atomic, chemical and biological warfare” (October 2001 - October 2002).
- **2001-2003: Department of Microbiology, Medical School, University of Athens:** “Chemical-researcher in the Laboratory of Microbiology, Medical School University of Athens (September

2001-September2003). Scientific Diagnostic and Research Support Project and Training Project for Laboratory Exercises for Students of Medicine

➤ **Medical School, University of Athens (Laboratory of Microbiology, General University Hospital Attikon)**

Lecturer for teaching the course 'Microbiology' students of the Medical School (October 2003-August 2004).

➤ **Medical School, University of Athens (Laboratory of Microbiology)**

Postdoctoral Chemist-employed researcher at the Laboratory of Molecular Diagnosis of Bacterial Infections in the field of Microbiology, University of Athens under the research program PYTHAGORAS II, entitled "Study on conventional techniques of molecular microbiology and Gram-negative anaerobic bacteria isolate infections" Chemist). (April 2005-December 2007).

➤ **Collaborating Researcher. Technological Educational Institute of Athens, Laboratory of Food Analysis II of the Department of Food Technology (October 2007 - July 2008).**

➤ **Collaborating Researcher. Technological Educational Institute of Athens, Laboratory of Food Chemistry of the Department of Food Technology, (October 2008 - January 2009).**

➤ **Lecturer** in the field of Laboratory of Food Chemistry of the Department of Food Technology (January 2009- May 2015).

➤ **Assistant Professor** in the field «Molecular techniques and Natural antioxidants in Food Chemistry and Biochemistry" of the Department of Food Technology May 2015-today).

➤ Associate Professor with subject "Molecular Techniques and Natural Antioxidants in Food Chemistry and Biochemistry" of the Department of Food Science and Technology of the University of Western Attica (August 2018-present). Head of Department of Chemistry, Processing and Food Safety (2018-2023)

➤ Professor with subject "Molecular Techniques and Natural Antioxidants in Food Chemistry and Biochemistry and in Health" of the Department of Food Science and Technology of the University of Western Attica (May 2023-present).

➤ Head of Department of Chemistry, Processing and Food Safety (2018-2024)

RESEARCH PROJECTS

➤ **Department of Chemistry and Food Technology Faculty of Chemical Engineering of National Technical University of Athens.**

1999-2001: Chemist-employed researcher at the program “Enzymatic modification of natural antioxidants aiming at the optimization of their recapture process due to industrial waste and the improvement of their qualities” (September 1999-May 2001), in collaboration with VIORYL (Chemical and Agricultural Industry-Scientific Research Inc.).

➤ **Medical School, University of Athens (Laboratory of Microbiology)**

- Postdoctoral Chemist-employed researcher at the Laboratory of Molecular Diagnosis of Bacterial Infections in the field of Microbiology, University of Athens under the research program PYTHAGORAS II, entitled "Study on conventional techniques of molecular microbiology and Gram-negative anaerobic bacteria isolate infections". (April 2005-December 2007).
- **Scientific Coordinator** of the Department of Food Technology for the project "Practical Training TEI Athens ", implemented under the Operational Program" Education and Lifelong Learning "(September 2009 - Today).
- **Scientific Coordinator** of the sub-project entitled "Magnetic nanoparticles for rapid diagnosis of foodborne pathogens, septicemia and CNS infections: an innovative technique common to solving a major issue of public health and emergency medicine" of the Archimedes III program - Strengthening research teams at TEI of Athens "(March 2012-June 2015).
- **Participation** in the Sub-project entitled "Functional and potentially harmful food ingredients. Electromagnetic Radiation Effect for the Production of Safe Products "of the Archimedes III Program - Strengthening of Research Teams at the TEI of Athens (March 2012-June 2015).
- **Participation** in the implementation of the project "Planning Interventions for the utilization of the surplus food and its re-deployment to vulnerable population groups" within the framework of the Operational Program "Human Resources Development" 2007-2013 (August 2013 to March 2014).
- **Scientific Coordinator** of the project entitled "Diagnosis of pathogenic bacteria with next generation sequencing in fish of Greek origin: An innovative technique common to solving a major public health issue" of the SCHOLARSHIPS OF EXCELLENT IKY OF POSTGRADUATE STUDIES IN GREECE-SIEMENS PROGRAM (WITHIN THE FRAMEWORK OF THE CONTRACTING AGREEMENT BETWEEN THE HELLENIC REPUBLIC AND SIEMENS, (August 2017).
- Scientific Manager of HORIZON 2020_Optimization of novel value Chains for fish and seafood by developing an integrated sustainable approach for improved quality, safety and waste reduction- ICHTHYS_HORIZON 2020_872217 — ICHTHYS — H2020-MSCA-RISE-2019.
- Scientific manager "Identification and Characterization of polymorphisms as genetic markers useful in identifying the authenticity / origin of dairy products". The Program was financed by FARMA KOUKAKI S.A. (2020).
- Participation in the project "Research for the development of pastries of high nutritional value". Scientific manager: Professor Ioannis Tsaknis. The Program was funded by VENETIS ANONIMI INDUSTRIAL & COMMERCIAL FOOD COMPANY (2018-2020).
- Participation in the project for the development of the project "Nutritional Map for the Traditional or Local Products of the Region of Central Greece" Scientific manager: Professor Ioannis Tsaknis. The program was funded by the Region of Central Greece (2019-2020).

- Participation in the Research Innovate project in collaboration with the University of Ioannina. Design and development of an innovative burger on a laboratory and pilot scale. Development of an innovative burger of high nutritional value and organoleptic quality.
- Scientific Responsible for subcontracting the company under the name TFC - Tabuk Fisheries Company & ARASCO (Saudi Arabia) for amino acid, protein, nutritional value, and genomic analyzes in local products.
- Deputy Scientific Manager of the program Holistic approach to the production cycle of the stevia rebaudiana plant of Greek cultivation with the combined use of innovative methods of precision agriculture and techniques to remove bitter _ tastestevia within the framework of Research Innovation 2018-2022.
- Deputy Scientific Officer PRODUCTION OF BIOACTIVE POLYSACCHARIDES OF HIGH ADDED VALUE FROM MACROALGAE OF THE GREEK SEAS AND THEIR UTILIZATION IN THE DEVELOPMENT OF INNOVATIVE BIO-FUNCTIONAL FOODS_BIOALGAEFOOD within the framework of Research Innovation 2 018- 2022.
- Deputy Scientific Officer Rapid detection of contaminants and adulteration in raw milk with immersion nanophotonic sensors (FOODSENS) within the framework of Research Innovate 2021-2023.
- Deputy Scientific Responsible Determination of Lactoferrin in products based on breast milk of the company NeoKare Nutrition 2021-2023.
- Complementary Scientific Responsible Research and development of anti-inflammatory functional foods of high nutritional value enriched with olive-fatty acids utilizing by-products of Greek fishing and aquaculture. (OMEGA-3-NUTRICARE) within the framework of Research and Innovation 2021-2023.
- Scientific Officer for subcontracting in the Research Innovate B program entitled "DEVELOPMENT OF LAMB AND GOAT FATTENING SYSTEMS FOR THE PRODUCTION OF HIGH QUALITY CARCASSES_KRIVEK SA".
- Scientific Officer HORIZON 2020_An interactive mobile game for children to Answer, Escape, Protect from COVID 19.
- Complementary Scientific Responsible Research and development of anti-inflammatory functional foods of high nutritional value enriched with olive-fatty acids utilizing by-products of Greek fishing and aquaculture. (OMEGA-3-NUTRICARE) within the framework of Research and Innovation 2021-2023.
- Scientific Officer for subcontracting in the Research Innovate B program entitled "DEVELOPMENT OF LAMB AND GOAT FATTENING SYSTEMS FOR THE PRODUCTION OF HIGH QUALITY CARCASSES_KRIVEK SA"

- Scientific Officer HORIZON 2020_An interactive mobile game for children to Answer, Escape, Protect from COVID 19.
- Deputy Scientific Manager Sustainable utilization of the distillation residues of aromatic plants and flowers for the preparation of charcuterie products_RoseHam within the framework of the Research Innovate 2021-2023.
- Scientific Officer for subcontracting in the Research Innovate B program entitled "DEVELOPMENT OF LAMB AND GOAT FATTENING SYSTEMS FOR THE PRODUCTION OF HIGH QUALITY CARCASSES_BIORESEARCH LABORATORIES SA".
- Substitute Scientific Responsible Intelligent Context-aware Application for the purpose of Harmonizing Individual Dietary Choices with the Mediterranean Diet in Greece through Reinforcement Learning Techniques (MedDietAgent), within the framework of Research Innovate 2021-2023.
- Deputy Scientific Officer for Subcontracting in a program funded by Veneti DEVELOPMENT OF INNOVATIVE FUNCTIONAL BAKERY
- Scientific Officer for Subcontracting in the project MICROBIOLOGICAL ANALYZES IN TYPES OF MEAT for the company FALLANTHA.
- Scientific Responsible for Subcontracting in the project Design and development of innovative packaging materials with enhanced protective effect for fish and biodegradable materials using fish by-products (Pack4fish), Collaboration with the Agricultural University

TEACHING EXPERIENCE

1) October 2007 – July 2008: Collaborating Researcher

Department of Food Technology, Technological and Educational Institution of Athens, Egaleo, Greece.

Courses taught: Food Instrumental Analysis

2) October 2008 – January 2009. Collaborating Researcher

Department of Food Technology, Technological and Educational Institution of Athens, Egaleo, Greece.

Courses taught: Food Chemistry.

3) January 2009 –present. Lecturer in Laboratory of Food Chemistry

Department of Food Technology, Technological and Educational Institution of Athens, Egaleo, Greece.

Courses taught: Food Chemistry and Biochemistry.

3) January 2009 –present. Lecturer in Laboratory of Food Chemistry

Department of Food Technology, Technological and Educational Institution of Athens, Egaleo, Greece.

Courses taught: Food Chemistry and Biochemistry.

4) Participation in teaching of MSc courses with lectures about **Molecular Techniques in Food.**

5) Supervisor of researcher thesis of undergraduate students of the Department of Food Science and Technology (Mainly in Molecular Techniques in Food Allergens, Food Microbiology, Nutrition and Health and Nutrigenetics) (2009 – present) (**approximately 250**)

SUPERVISOR OF DOCTORAL THESIS

1. Supervising Professor for the preparation of the Doctoral Thesis of Doctoral Candidate Spyros Papatheodoros with the title: "Development of an innovative methodology for the detection of food-borne pathogens-allergenic microorganisms"

2. Supervising Professor for the preparation of the Doctoral Thesis of Doctoral Candidate Charalambos Rigopoulos entitled: "Mapping traditional and innovative foods of the Greek Market: Consumer perceptions and evaluation of innovations in traditional foods".

3. Supervising Professor for the preparation of the Doctoral Thesis of Doctoral Candidate Dionysis Antonopoulos entitled "Study of the genetic polymorphisms of the main proteins in Greek Milk with the aim of using them as a genetic fingerprint in production and adulteration"

4. Supervising Professor for the preparation of the Doctoral Thesis of Doctoral Candidate Ms. Despina Vougiouklakis entitled "Identification of lactic acid bacteria metabolites in simulation models of fermented foods".

5. Supervising Professor for the preparation of the Doctoral Thesis of Doctoral candidate Ms. Tsakni Alikei entitled "Antioxidant and antimicrobial action of natural extracts of Greek Flora. Identification of bioactive compounds"

LABORATORY EXPERIENCE/ TRAINING

- photometer uv/vis, HPLC (High Performance Liquid Chromatography), GC/MS (Gas Chromatography/Mass spectrometry), GPC (Gel Permeation Chromatography) ESR (Electron Spin Resonance), IR (Infrared), NMR (Nuclear Magnetic Resonance), FTIR (Fourier Transform Infrared)
- conventional microbiological techniques (cultures and serology) immunoenzymatic methods, ELISA for the diagnosis of bacterial infections.
- Use of molecular biology techniques in microbiology for the diagnosis of microbial infections and typing of dangerous bacteria: PCR (Polymerase chain reaction), PFGE (Pulsed Field Gel Electrophoresis), Spoligotyping, RFLP (Restriction Length Polymorphism), LM-PCR (Ligation

Mediated Polymerase Chain Reaction), MIRU (Mycobacterial Interspersed Repetitive Units), Real Time PCR, DNA Sequencing, DNA Fragment Analysis.

Protein Electrophoresis, Western Blotting

Use of nanoparticles in the detection of pathogenic microorganisms.

Using Next Generation Sequencing

FOREIGN LANGUAGES: English and French (Excellent)

COMPUTER KNOWLEDGE: Excellent Knowledge of Ms Office (Word, Excel, Powerpoint).

ECDL (European Computer Driving Licence) Core Certificate, success in all sections (7) which required for the certificate.

BOOKS

1. Koussis Stamatis, Dimitra Houchula, Antonopoulos Dionysis. Biochemistry laboratory exercises. ISBN978-618-5495-12-1. 2020 Tsotras Publications.

2. Aikaterini Harvalou, Dimitra Houchula. Introduction to the principles of molecular biology and diagnostic practice. ISBN 978-618-5495-11-4. 2020 Tsotras Publications.

3. Dimitra Houchoulas Konstantinos Sflomos. Safety and toxicity in our agro-food chain. ISBN 978-618-5495-06-0. 2020 Tsotras Publications.

4. Sflomos K. Houchula D.. Special Issues in Food Chemistry. ISBN 978-618-5495-05-3. 2020 Tsotras Publications

5. Sflomos K. Houchula D.. Food Knowledge and Well-Being Especially. ISBN 978-618-5495-99-2. 2020 Tsotras Publications

BOOK CHAPTERS

1. Development in Food and Beverage Science and Technology. Research and development of new products and beverages Volume B. Food Biotechnology and modern quality assurance techniques. Chapter 12: 511-541. ISBN: 978-960-92818-7-4.

2. TECHNOLOGY – QUALITY OF FATS AND OILS Yannis Tsaknis CHAPTER 7.0 Fatty Changes Free Radicals. Mechanism of lipid oxidation Methods of estimation of oxidation Analytical methods of determination of oxidation of fatty substances Antioxidants GIOLA EDITIONS ISBN 978-960-418-780-5

PUBLICATIONS

1. Valavanidis A, D.Houhoula and A.Theodoropoulou. A study of Hydroxyl Radicals Generated by Fibrous

- and Nonfibrous Dusts: Significance to lung Cytotoxicity, Occupational Diseases and Use of Antioxidants for Disease Prevention. *Pharmakeftiki* 9:145-148, (1996).
2. Valavanidis A, A. Theodoropoulou and D. Houhoula. Exposure to Fibrous and Nonfibrous Respirable Dusts, Generation of Oxygen Free Radicals and Occupational Lung Diseases. An Introductory Review. *Review of Clinical Pharmacology and Pharmacokinetics (Επιθεώρηση Κλινικής Φαρμακολογίας και Φαρμακοκινητικής, International Edition)*, 10 (3): 99-119, (1996).
 3. Α. Βαλαβανίδης, Β. Βιολάκης, Α. Θεωδοροπούλου, Δ. Χούχουλα. Μελέτη του ρόλου του σιδήρου στην καρκινογένεση. Μηχανισμοί παραγωγής οξυγονούχων ελευθέρων ριζών από ιώδη υλικά και σκόνες του εργασιακού περιβάλλοντος. *Ελληνική Ογκολογία* 33: 46-56, (1997).
 4. D.P. Houhoula, V. Oreopoulou and C. Tzia. A kinetic study of oil deterioration during frying and a comparison with heating. *J. Am. Oil Chem. Soc* 79: 133-137 (2002). <http://lib3.dss.go.th/fulltext/journal/j.aocs/j.aocs/2002/no.2/v.79n2p133-137.pdf>
 5. D.P. Houhoula, V. Oreopoulou and C. Tzia. The effect of process time and temperature on the accumulation of polar compounds in the oil during deep-fat frying *Journal of the Science of Food and Agriculture* 83: 314-319 (2003). <http://onlinelibrary.wiley.com/doi/10.1002/jsfa.1314/full>.
 6. D.P. Houhoula, V. Oreopoulou and C. Tzia. Antioxidant efficiency of oregano during frying and storage of potato chips *Journal of the Science of Food and Agriculture* 83:1499-1503 (2003). <http://onlinelibrary.wiley.com/doi/10.1002/jsfa.1567/abstract>.
 7. D.P. Houhoula and V. Oreopoulou. Predictive study for the extent of deterioration of potato chips during storage. *Journal of Food Engineering* 65: 427-432 (2004). <http://www.sciencedirect.com/science/article/pii/S0260877404000500>.
 8. D. P. Houhoula, V. Oreopoulou and C. Tzia. Antioxidant efficiency of oregano in frying and storage of fried products. *European Journal of Lipid Science and Technology* 106 (11): 746-751 (2004) <http://onlinelibrary.wiley.com/doi/10.1002/ejlt.200400995/pdf>.
 9. Papaparaskevas J, D.P. Houhoula, M. Papadimitriou, G. Saroglou, N.J Legakis and L. Zerva. Ruling out Bacillus anthracis: Evaluation of Methodology. *Emerging Infectious Diseases* 10(4):732-735 (2004). http://wwwnc.cdc.gov/eid/article/10/4/03-0544_article.htm.
 10. Δ. Χούχουλα, Ν. Σκαρμούτσου, Ε. Φαβίου, Ε. Φακίρη, Σ. Νικολάου Χ. Βλέτσας, Β. Ταμβάκης, Ε. Παπαφράγκας, Σ. Καναβάκη, Γ. Βουρλή, ΠΘ. Τάσιος, Ν. Λεγάκης, Α. Ζέρβα. 2006. Η επιδημιολογία της πνευμονικής φυματίωσης σε ασθενείς δύο νοσοκομείων της Αθήνας. *Αρχεία Ελληνικής Ιατρικής* 23(1)52-62. <http://www.mednet.gr/archives/2006-1/pdf/52.pdf>.
 11. A. Katsandri, A Pantazatou, GL Petrikos, D.P. Houhoula, NJ Legakis, J Papaparaskevas, A Avlami. 2006. Two cases of infections due to multi-drug resistant Bacteroides fragilis group strains. *Journal of Clinical Microbiology*, 44(9):3453-3467. <http://jcm.asm.org/content/44/9/3465.full.pdf+html>
 12. A. Katsandri, A Avlami, A Pantazatou, D. Houhoula, J Papaparaskevas. 2006. Dissemination of nim- class genes, encoding for nitroimidazole resistance, among different species of Gram-negative anaerobic

- bacteria, isolated in Athens, Greece. *Journal of Antimicrobial Chemotherapy* 705-706.
<http://jac.oxfordjournals.org/content/58/3/705.full.pdf+html>
13. J Papaparaskevas, A Pantazatou, A. Katsandri, D. Houhoula, Tsakris A, NJ Legakis and A Avlami, 2008. Moxifloxacin resistance is prevalent among *Bacteroides* and *Prevotella* species in Greece. *Journal of Antimicrobial Chemotherapy* 62(1) 137- 141.
<http://jac.oxfordjournals.org/content/62/1/137.full.pdf+html>
 14. J.Papaparaskevas, D.P.Houhoula, A. Siatelis and A. Tsakris, 2008. Molecular beacon based Real- Time PCR assays, in technology, for detection and quantification of *Mycobacterium tuberculosis* in clinical samples. *Journal of Clinical Microbiology*, 46(9):3177-3178.
<http://jcm.asm.org/content/46/9/3177.full.pdf+html>.
 15. Pittaras TE, J Papaparaskevas DP Houhoula, NJ Legakis, E Frangouli, Katsambas A, A. Tsakris and H Papadogeorgakis. 2008. Comparison of penile skin swab with intra-urethral swab and first void urine for polymerase chain reaction-based diagnosis of *Chlamydia trachomatis* urethritis in male patients. *Sex. Transm. Dis.* 2008 Dec;35(12):999-1001. <http://www.ncbi.nlm.nih.gov/pubmed/18665017> 21
 16. A. Siatelis, D.P. Houhoula, J. Papaparaskevas, D. Delakas and A. Tsakris. 2011. Detection of *Bacillus Galmette-Guerin* (*Mycobacterium bovis* BCG) DNA in Urine and Blood Specimens after Intravesical Immunotherapy for Bladder Carcinoma. *Journal of Clinical Microbiology*, 49(4):1206-8.
<http://jcm.asm.org/content/49/4/1206.full.pdf+html>
 17. D. P. Houhoula, D. Pirasmaki, S. Konteles, D. Kizis, S. Koussisis, M. Bratakos, N. Poggas, E. Charvalos, A. Tsakris and J. Papaparaskevas. High level of heterogeneity among *Listeria monocytogenes* isolates from clinical and food origin specimens, in Greece *Foodborne Pathogens and Diseases*. 2012, Vol 9, Numb9, p848-852. <http://online.liebertpub.com/doi/pdfplus/10.1089/fpd.2012.1187>
 18. Papaparaskevas, J., Mela V., Houhoula D.P., Pantazatou, A., Petrikkos, G.L., Tsakris, A. Comparative evaluation of conventional and real-time PCR assays for detecting *bacteroides fragilis* in clinical samples. *Journal of Clinical Microbiology*, 2013. 51(5):1593-1595.
<http://jcm.asm.org/content/51/5/1593.full.pdf+html>
 19. Dimitra P Houhoula, Polytimi Dimitriou, Gena Mengjezi, Vassiliki R. Kyra and Vladimiro P. Lougovois. Quantification of parvalbumin in commercially important Mediterranean seafood species, using real time PCR. *Czech J. Food Sci* 33, 2015 (2) 143-147.
<http://www.agriculturejournals.cz/web/cjfs.htm?journal=CJFS&futureArticleId=51860919&type=futureArticleAbstract>.
 20. Dimitra. P. Houhoula, Vassilis. Belsis, Leonidas. Georgopoulos, Virginia Giannou, Vassiliki. Kyra, John. Tsaknis, Vladimiro. Lougovois, and Stamatis. Koussisis. Detection Of Sesame Allergen Traces With Two PCR Assays - The Challenge To Protect Food-Allergic Consumers. *Turkish Journal of Agriculture Food Science and Technology*, 3(4):210-215, 2015.
https://www.researchgate.net/publication/270881793_Detection_of_Sesame_AI

21. D. P. Houhoula, K. Lagou, M. Varvaresou, M. Giannakourou, S. M. Bratakos, V. Lougovois, J. Tsaknis and S. Koussisis. Food safety and labeling for hazelnut 22 allergy traces: evaluation of two PCR assays Czech J. Food Sci., 33 (2015): 410-415. https://www.agriculturejournals.cz/publicFiles/602_2014-CJFS.pdf
22. Dimitra Houhoula, Joseph Papaparaskevas, Katerina Zatsou, Nikolaos Nikolaras, Hanan I. Malkawi, Marie-Paule Mingenot-Leclercq, Spyros Konteles, Stamatis Koussisis, Athanassios Tsakris, Ekatherina Charvalos "Magnetic nanoparticle-enhanced PCR for the detection and identification of Staphylococcus aureus and Salmonella enteritidis" New Microbiol 40 (3), 165-169. 2017. http://www.newmicrobiologica.org/PUB/allegati_pdf/2017/3/165.pdf.
23. Dimitra Panagiotis Houhoula, Ekatherina Charvalos, Spyros Konteles, Stamatis Koussisis, Vladimiros Lougovois, Joseph Papaparaskevas "A Simple Gold Nanoprobe Assay for the Identification of Staphylococcus Aureus, Listeria Monocytogenes and Salmonella Enteritidis in Food Specimens." Journal of Food Research; Vol. 6, No. 4; 2017. <https://doi.org/10.5539/jfr.v6n4p134>
24. Houhoula, D. P.; Kouzilou, M.; Tzogias, C.; Kyra, V.; Sflomos, C.; Tsaknis, J., Lougovois, V. P. "Effectual gold nanoprobe sensor for screening horse adulteration in meat products." Journal of Food Research 2017 Vol.6 No.4 pp.34- 39 ref.18 <http://www.ccsenet.org/journal/index.php/jfr/article/view/68029>
25. Dimitra Houhoula, Stamatis Koussisis, Vladimiros Lougovois, John Tsaknis, Dimitra Kassavita, Spiridon Papatheodorou, Simen Akkermans, Jan Van Impe, Efstathia Tsakali. "Detection of Peanut Allergen Traces with a Real Time PCR Assay - The Challenge to Protect Food-Allergic Consumers." Journal of Food Research Vol 7, No 1 (2018) <https://doi.org/10.5539/jfr.v7n1p32>.
26. Sinanoglou Vassilia, Houhoula Dimitra, Kyra Vasiliki, Lougovois Vladimiros. "Visceral oil from farmed Sparus aurata, Dicentrarchus labrax and Diplodus puntazzo as a source of ω -3 PUFA" Czech Journal of Food Sciences, Volume 35, pp 414-423; <https://www.agriculturejournals.cz/publicFiles/227451.pdf>
27. Efstathia Tsakali, Konstantina Bosdra, Nikolaos R. Giannopoulos, Spiridon Koulouris, Dimitra Houhoula, John Tsaknis, Simen Akkermans and Jan FM Van 23 Impe. "A Preliminary Study on the Development of Donkey Milk Based Fermented Product." Scientific Reviews and Chemical Communications Volume 7 issue 3 pp1-7 <https://core.ac.uk/download/pdf/153427540.pdf>.
28. Tsakali, E., Chatzilazarou, A., Houhoula, D., Koulouris, S., Tsaknis, J., Van Impe, J. (2019). "A rapid HPLC method for the determination of Lactoferrin in milk of various species." Journal of Dairy Research (accepted).
29. Houhoula, D., Papatheodorou, S.A., Moschou D., Pappa S., Tsaatazoglou N., Koussisis, S., Tsaknis, J., Lougovois, V., Van Impe, J., Tsakali, E. (2018). "Evaluation of a Real Time PCR assay and a ELISA method for the Detection of walnuts and almonds allergen traces in food products." Journal of Food Research Vol. 8, No. 3, June 2019.
30. D Karakalpakis, E Charvalos, D Houhoula, T. Pittaras and K. Pappa. 2018. "Fatal Case of Early Onset Group B

- Streptococcal Infection in One of the Neonates of a Di-Chorionic/Di-Amniotic Gestation: is Microbiological Screening. Enough for Prevention? *Journal of Gynecology and Neonatal* Vol. 2 Issue 1 1-4. <http://www.scienceinquest.com/open-access/pdf/jgn/fatal-case-of-early-onsetgroup-b-streptococcal-infection-in-one-of-the-neonates-of-a-di-chorionic-diamniotic-gestation.pdf>
31. Theofania Tsironi, Vladimiro Lougovois, Vassiliki Nefeli Simou, Afrodite Mexi, Stamatios Koussissis, Efstathia Tsakali, Spiridon Andreas Papatheodorou, Valentini Stefanou, Jan Van Impe and Dimitra Houhoula. 2019. Next Generation Sequencing (NGS) for the determination of fish flesh microbiota *Journal of Food Research* 8 (4), 101-110.
 32. Efstathia Tsakali, Christina Agkastra, Christina Koliaki, Dimitrios Livanios, Spiridon Andreas Papatheodorou, Valentini Stefanou Spiridon Koulouris, Stamatios Koussissis, Jan Van Impe and Dimitra Houhoula. 2019. Milk adulteration: Detection of bovine milk in caprine dairy products by PCR *Journal of Food Research* 8 (4), 52-57.
 33. Jose Manuel Llopis Ortiz, Christos Tsouknidas, Sophie Pytel, Spyros Papatheodorou, Efstathia Tsakali, Valentina Stefanou, Nikolaos Solomakos, Jan Van Impe, and Dimitra P. Houhoula. Effectual Gold Nanoprobe Sensor for Screening Cow Milk Adulteration in Goat Milk. *Journal of Agricultural Science*; Vol. 13, No. 5; 2021
 34. Georgia Nikolopoulou 1, Theofania Tsironi 2, Panagiotis Halvatsiotis 3, Ekaterini Petropoulou 4, Nikolaos Genaris 4, Despina Vougiouklaki 4, Dionyssios Antonopoulos 4, Apollon Thomas 4, Anastasia Tsilia 5, Anthimia Batrinou 4, Efstathia Tsakali 4,6,* , Jan F. M. Van Impe 6 and Dimitra Houhoula 4. **Analysis of the Major Probiotics in Healthy Women's Breast Milk by Realtime PCR. Factors Affecting the Presence of Those Bacteria** *Appl. Sci.* **2021**, 11(20), 9400; <https://doi.org/10.3390/app11209400>.
 35. Eleni Spanea, Theofania Tsironi, Efstathia Tsakali, Anthimia Batrinou, Valentina Stefanou, Dionyssios Antonopoulos, Stamatios Koussissis, John Tsaknis, Jan Van Impe & Dimitra Houhoula Evaluation of a Real Time PCR assay method for the detection of genetically modified organisms in food products *Journal of Food Research* *Journal of Food Research*; Vol. 9, No. 2; 2020.
 36. Identification of Polymorphisms of Gene CSN2 of B Casein in Greek Cow Breeds (Holstein) by Restriction Fragment Length Polymorphism Despina Vougiouklaki 1, Dionysios Antonopoulos 1, Stella Allexeli 1 & Dimitra Houhoula *Journal of Agricultural Science*; Vol. 12, No. 11; 2020.
 37. Rapid detection of mycotoxins on foods and beverages with enzyme-linked immunosorbent assay A. Batrinou 1 †, D. Houhoula 1 † and E. Papageorgiou *Quality Assurance and Safety of Crops & Foods*, 2020; 12 (1): 40–49.
 38. Theofania Tsironia,, Dimitra Houhoula, Petros Taoukis. Hurdle technology for fish preservation *Aquaculture and Fisheries Volume 5, Issue 2*, March 2020, Pages 65-71
 39. A. Batrinou,, I.F. Stratia,, D. Houhoula, J. Tsaknis and V.J. Sinanoglou. Authentication of olive oil based on DNA analysis. *GRASAS Y ACEITES* 71 (3) July–September 2020,
 40. Panagiotis Halvatsiotis, Argyris Siatelis, Panagiotis Koulouvaris, Anthimia Batrinou, Despina

- Vougiouklaki, Eleni Routsis, Michail Papapanou, Maria Trapali, Dimitra Houhoula Comparison of Q223R leptin receptor polymorphism to the leptin gene expression in Greek young volunteers 2021 AIMS Medical Science
41. Spyridon Andreas Papatheodorou , Panagiotis Halvatsiotis, and Dimitra Houhoula. A comparison of different DNA extraction methods and molecular techniques for the detection and identification of foodborne pathogens AIMS Microbiology, 7(3):304–319. DOI: 10.3934/microbiol.2021019.
 42. Valentina Stefanou Spiros Papatheodorou Despina Vougiouklaki Dionisios Antonopoulos Vladimiros Lougovoio Ioannis Tsaknis Dimitra Houhoula Medicinal Properties of Antioxidant Pomegranate in Cardiovascular Health International Journal of Preventive Cardiology Volume 1, Issue 1 - 2021, Pg. No. 19-28.
 43. Dionysios Antonopoulos , Despina Vougiouklaki , George P. Laliotis , Theofania Tsironi , Irene Valasi, Archodoula Chatzilazarou, Panagiotis Halvatsiotis and Dimitra Houhoula Identification of Polymorphisms of the CSN2 Gene Encoding β -Casein in Greek Local Breeds of Cattle *Vet. Sci.* **2021**, 8(11), 257; <https://doi.org/10.3390/vetsci8110257>
 44. Apollon Thomas , Spyros J. Konteles , Sotiris Ouzounis , Spyros Papatheodorou , Aliko Tsakni , Dimitra Houhoula Theofania Tsironi. Bacterial community in response to packaging conditions in farmed gilthead seabream. *Aquaculture and Fisheries* 8 (2023) 410–421
 45. Panagiotis Papadakis, Spyros Konteles, Anthimia Batrinou, Sotiris Ouzounis , Theofania Tsironi, Panagiotis Halvatsiotis, Efstathia Tsakali , Jan F. M. Van Impe , Despina Vougiouklaki , Irini F. Strati and Dimitra Houhoula. Characterization of Bacterial Microbiota of P.D.O. Feta Cheese by 16S Metagenomic Analysis *Microorganisms* **2021**, 9(11), 2377; <https://doi.org/10.3390/microorganisms9112377> .
 46. Maria Trapali, Dimitra Houhoula, Anthimia Batrinou , Anastasia Kanellou , Irini F. Strati , Argyris Siatelis and Panagiotis Halvatsiotis. Association of TNF- α - 308G/A and LEPR Gln223Arg Polymorphisms with the Risk of Type 2 Diabetes Mellitus. *Genes* **2022**, 13(1), 59; <https://doi.org/10.3390/genes13010059>.
 47. Panagiotis Halvatsiotis, Sofia Vassiliu , Panagiotis Koulouvaris , Kalliopi Chatzantonaki, Konstantinos Asonitis , Ekatherina Charvalos, Argyris Siatelis and Dimitra Houhoula Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Mutational Pattern in the Fourth Pandemic Phase in Greece *Curr. Issues Mol. Biol.* **2022**, 44(1), 329-335; <https://doi.org/10.3390/cimb44010024>.
 48. Despina Vougiouklaki , Theofania Tsironi , Joseph Papaparaskevas , Panagiotis Halvatsiotis and Dimitra Houhoula. Characterization of *Lacticaseibacillus rhamnosus*, *Levilactobacillus brevis* and *Lactiplantibacillus plantarum* Metabolites and Evaluation of Their Antimicrobial Activity against Food Pathogens *Appl. Sci.* **2022**, 12(2), 660; <https://doi.org/10.3390/app12020660>
 49. Rozeta Sokou^{1,†*}, Georgios Ioakeimidis^{1,†}, Daniele Piovani^{2,3}, Stavroula Parastatidou¹,  Aikaterini Konstantinidi¹, Andreas G. Tsantes⁴, Maria Lampridou¹, Dimitra Houhoula⁴, Nicoletta Iacovidou⁵,

- Styliani Kokoris⁴, Aristeidis G. Vaiopoulos⁴, Argyri Gialeraki⁴, Petros Kopterides⁶, Stefanos Bonovas^{2,3} and Argirios E. Tsantes Development and validation of a sepsis diagnostic scoring model for neonates with suspected sepsis 2022 *Frontiers in Pediatrics*.
50. Spyridon Andreas Papatheodorou, Theofania Tsironi, Maria Giannakourou, Panagiotis Halvatsiotis, Dimitra Houhoula Application of microfluidic paper-based analytical devices (μ PADs) for food microbial detection, *Journal of the science of food and agriculture* 18 February 2022 <https://doi.org/10.1002/jsfa.11822>
51. Nikoletta Argyro Theocharidi, Iliana Balta, Dimitra Houhoula, Andreas G. Tsantes, George P. Lalliotis, Angeliki C. Polydera, Haralambos Stamatis and Panagiotis Halvatsiotis High Prevalence of *Klebsiella pneumoniae* in Greek Meat Products: Detection of Virulence and Antimicrobial Resistance Genes by Molecular Techniques *Foods* **2022**, *11*(5), 708; <https://doi.org/10.3390/foods11050708>
52. Petroula Georgiadou, Rozeta Sokou, Andreas G. Tsantes, Stavroula Parastatidou, Aikaterini Konstantinidi, Dimitra Houhoula, Styliani Kokoris, Nicoletta Iacovidou and Argirios E. Tsantes. The Non-Activated Thromboelastometry (NATEM) Assay's Application among Adults and Neonatal/Pediatric Population: A Systematic Review *2Diagnostics* **2022**, *12*(3), 658; <https://doi.org/10.3390/diagnostics12030658>
53. A. Georgas E. Lampas, D.P. Houhoula, A. Skoufias, S. Patsilidakos, I. Tsafaridis, G. P. Patrinos, N. Adamopoulos, A. Ferraro, E. Hristoforou ACE2-based capacitance sensor for rapid native SARS-CoV-2 detection in biological fluids and its correlation with real-time PCR [Biosensors and Bioelectronics Volume 202](https://doi.org/10.3390/biosensors12030658), 15 April 2022, 114021
54. Anthimia Batrinou, Irini F. Strati, Andreas G. Tsantes, Joseph Papaparaskevas, Ioannis Dimou, Dimitrios Vourvidis, Anna Kyrma, Dionysis Antonopoulos, Panagiotis Halvatsiotis and Dimitra Houhoula. The Importance of Complementary PCR Analysis in Addition to Serological Testing for the Detection of Transmission Sources of *Brucella* spp. in Greek Ruminants *Vet. Sci.* **2022**, *9*(4), 193; <https://doi.org/10.3390/vetsci9040193>
55. Elena Gkantzou, Anastasia Skonta, Aliko Tsakni, Angeliki Polydera, Dimitrios Moschovas, Konstantinos Spyrou, Apostolos Avgeropoulos, Dimitrios Gournis, Dimitra Houhoula, Haralambos Stamatis D printed PLA enzyme microreactors: Characterization and application for the modification of bioactive compounds *Journal of Biotechnology* **350** (2022) 75–85
56. Archontoula Giannakopoulou, Alexandra V. Chatzikonstantinou, Aliko Tsakni, Christos L. Chochos, Dimitra Houhoula & Haralambos Stamatis. A Bi-enzymatic Immobilized Nanobiocatalyst for the Biotransformation of Oleuropein to Hydroxytyrosol *Multienzymatic Assemblies* pp 279–296
57. A. G. Ioannou, E. Kritsia, V. J. Sinanoglou, D. Cavouras, T. Tsiakaa, D. Houhoula, P. Zoumpoulakisa, and I. F. Strati. Highlighting the Potential of Attenuated Total Reflectance–Fourier Transform Infrared (ATR-FTIR) Spectroscopy to Characterize Honey Samples with Principal Component Analysis (PCA) *ANALYTICAL LETTERS* **2023**, VOL. 56, NO. 5, 789–

58. Andreas G. Tsantes, Dimitrios V. Papadopoulos, Eleftheria Markou, Konstantinos Zarokostas, Rozeta Sokou, Ioannis Trikoupis, Andreas F. Mavrogenis, Dimitra Houhoula, Daniele Piovani, Stefanos Bonovas, Argirios E. Tsantes, Athanasios Tsakris and Georgia Vrioni. Aspergillus spp. osteoarticular infections: an updated systematic review on the diagnosis, treatment and outcomes of 186 confirmed cases. *Medical Mycology*, Volume 60, Issue 8, August 2022, myac052, <https://doi.org/10.1093/mmy/myac052>.
59. Andreas G. Tsantes, Ilectra Loukopoulou, Dimitrios V. Papadopoulos, Ioannis G. Trikoupis, Anastasios G. Roustemis, Stavros Goumenos, Rozeta Sokou, Konstantina A. Tsante, Anastasios G. Kriebardis, Panagiotis Koulouvaris, Dimitra Houhoula, Daniele Piovani, Panayiotis J. Papagelopoulos, Stefanos Bonovas and Argirios E. Tsantes. The Hypercoagulable Profile of Patients with Bone Tumors: A Pilot Observational Study Using Rotational Thromboelastometry *Cancers* **2022**, 14(16), 3930; <https://doi.org/10.3390/cancers14163930>
60. Andreas G. Tsantes, Aikaterini Konstantinidi, Stavroula Parastatidou, Georgios ioakeimidis, Konstantina A. Tsante, Petros G. Mantzios, Anastasios G. Kriebardis, Argyri Gialeraki, Dimitra Houhoula, Nicoletta Iacovidou, Daniele Piovani, Stefanos Bonovas, Argirios E. Tsantes, Rozeta Sokou Assessment of agreement between EXTEM and NATEM thromboelastometry measurement assays in critically ill neonates. First published: 11 June 2022 *Heamatology* <https://doi.org/10.1111/ejh.13812>
61. Stavros Tsalas Eleni Petrou Andreas G. Tsantes Rozeta Sokou Electra Loukopoulou Dimitra Houhoula Petros G. Mantzios Anastasios G. Kriebardis Argirios E. Tsantes Pathogen Reduction Technologies and Their Impact on Metabolic and Functional Properties of Treated Platelet Concentrates: A Systematic Review *Semin Thromb Hemost* DOI: 10.1055/s-0042-1757897
62. Rozeta Sokou, Aikaterini Konstantinidi, Konstantina A. Tsante, Andreas G. Tsantes, Stavroula Parastatidou, Georgios Ioakeimidis, Maria Lampridou, Frantzeska Frantzeskaki, Dimitra Houhoula, Anastasios G. Kriebardis, Daniele Piovani, Stefanos Bonovas, Nicoletta Iacovidou, Argirios E. Tsantes. The impact of maternal smoking during pregnancy on hemostatic profile of neonates using thromboelastometry (ROTEM). A pilot observational study *Placenta* Volume 129, November 2022, Pages 23-29
63. Vasileios Bartzis, Anthimia Batrinou, Ioannis E. Sarris, Spyros J. Konteles, Irini F. Strati and Dimitra Houhoula. Electric Field Induced Drift of Bacterial Protein Toxins of Foodborne Pathogens *Staphylococcus aureus* and *Escherichia coli* from Water *Appl. Sci.* 2022, 12(24), 12739; <https://doi.org/10.3390/app122412739>
64. Deborah M Power, Petros Taoukis, Dimitra Houhoula, Theofania Tsironi Emmanouil Fletmetakis. Integrating omics technologies for improved quality and safety of seafood products, *Aquaculture and Fisheries* 8 (2023) 457–462
65. Stamatia Spyrou, Alexandra V. Chatzikonstantinou, Archontoula Giannakopoulou, Renia Fotiadou, Silvia Priska, Yannis V. Simos, 5, Aliko Tsakni, Dimitrios Peschos, Dimitra Houhoula, Epaminondas Voutsas,

- Haralambos Stamatis. Fungal Laccase-Mediated Enhancement of the Bioactivity of Green Algae Extracts. *Catalysis Research* **2023**, Volume 3, Issue 1, doi:[10.21926/cr.2301004](https://doi.org/10.21926/cr.2301004)
66. Paschalia Kopanou Taliaka, Andreas G. Tsantes, Aikaterini Konstantinidi, Dimitra Houhoula, Konstantina A. Tsante, Aristeidis G. Vaiopoulos, Daniele Piovani, Georgios K. Nikolopoulos, Stefanos Bonovas, Nicoletta Iacovidou, Argirios E. Tsantes and Rozeta Sokou. Risk Factors, Diagnosis, and Treatment of Neonatal Fungal Liver Abscess: A Systematic Review of the Literature *Life* **2023**, *13*(1), 167; <https://doi.org/10.3390/life13010167>
67. Andreas G. Tsantes,[†], Stavroula Parastatidou, Emmanuel A. Tsantes, Elli Bonova, Konstantina A. Tsante, Petros G. Mantzios, Aristeidis G. Vaiopoulos, Stavros Tsalas, Aikaterini Konstantinidi, Dimitra Houhoula, Nicoletta Iacovidou, Daniele Piovani, Georgios K. Nikolopoulos and Rozeta Sokou. Sepsis-Induced Coagulopathy: An Update on Pathophysiology, Biomarkers, and Current Guidelines *Life* **2023**, *13*(2), 350; <https://doi.org/10.3390/life13020350>
68. Panagiotis Halvatsiotis, Eleni Routsis, Michail Papapanou, Argyris Siatelis, Konstantinos Asonitis, Konstantinos Gkarelis, Panagiotis Koulouvaris, Ekatherina Charvalos and Dimitra Houhoula. High Resolution Melting Curve for the Rapid and Efficient Detection of SARS-Cov-2 Gene Variation in the Greek Population *Biomedical Journal of Scientific and Technical Research* Volume 39- Issue 3 DOI: 10.26717/BJSTR.2021.39.006291.
69. Tsakni Alike, Chatzilazarou Archontoula, Zoidis Evaggelos, Halvatsiotis Panagiotis and Houhoula Dimitra. Antioxidant Activity of Mint (*Mentha piperita* L.) of Greek Flora and Identification of its Bioactive Compounds. *Organic & Medicinal ChemIJ* **11**(3):OMCIJ.MS.ID.555814(2021)
70. Despina Vougiouklaki, Klaudio Loka, Alike Tsakni and Dimitra Houhoula Characterization of Metabolites Production by *Lactobacillus Gasseri* ATCC 33323 and Antioxidant Activity. *Nutri Food Sci Int J* **11**(3): NFSIJ.MS.ID.555815 (2022).

ORAL PRESENTATIONS IN CONGRESSES:

1. Theodoropoulou A, D. Houhoula, Zarodimos I, Salika A and A. Valavanidis. A study of hydroxyl radicals generated by fibrous and non-fibrous dusts due to air pollution. 1st Panhellenic Meeting of Free Radicals and Oxidation Stress. Ioannina, Greece, 1998.
2. Houhoula D.P., V.Oreopoulou and C.Tzia. Antioxidant from *Salvia Triloba*. 2nd Meeting of the European Section of American Oil Chemists' Society. Cagliari, Italy, 1998.
3. Houhoula D.P., V.Oreopoulou and C.Tzia. Thermooxidative alterations of cottonseed oil and the effect of oregano. Eighth International Congress of Engineering and Food. Puebla, Mexico, 2000.
4. Houhoula D.P., V.Oreopoulou and C.Tzia. Antioxidative efficiency of oregano extracts on storage of fried products. 92nd AOCS Annual Meeting & Expo Minneapolis, Minnesota, USA, 2001.

5. Houhoula D.P., V.Oreopoulou and C.Tzia. Kinetic study of thermooxidant deterioration of cottonseed oil during frying. 3rd Panhellenic Meeting of Chemical Engineering Athens, Greece, 2001.
6. Houhoula.D.P and C.Tzia. Safety of fried foods and HACCP. 17th International Congress of Nutrition Vienna Austria 2001.
7. Houhoula D.P and V. Oreopoulou. Study of the alterations of cottonseed oil during frying and the effect of extracts of oregano. 17th International Congress of Nutrition Vienna Austria 2001.
- 8.Houhoula D.P., J. Papaparaskevas, S. Nikolaou, E. Vogiatzakis, N.J. Legakis and L. Zerva. The DNA extraction method critically affects PCR sensitivity for the diagnosis of tuberculosis. 12th European Congress of Clinical Microbiology and Infectious Diseases, Milan, Italy 2002
9. Houhoula D.P. J. Papaparaskevas, S. Nikolaou, E. Vogiatzakis, N.J. Legakis and L.Zerva. Evaluation and Optimization of three DNA extraction methods for the Molecular Diagnosis of Tuberculosis 23rd Annual Congress of the European Society of Mycobacteriology. Dubrovnik, Croatia 2002.
10. Houhoula D.P., C.Tzia and V.Oreopoulou. Antioxidant efficiency of oregano during frying and during storage of potato chips. 4^o Panhellenic Conference Chemical Engineering, Patra, Greece, (2003).
11. Papaparaskevas J, M. Papadimitriou, D.P.Houhoula, G. Saroglou, N.J Legakis and L. Zerva. Rulling out *Bacillus anthracis*: Evaluation of methology. 13th European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, U.K (2003).
- 12.D.P Houhoula, E. Balis, J. Papaparaskevas, N.J. Legakis and L.Zerva. Detection of Chlamydia pneumoniae in respiratory tract specimens by PCR: evaluation of methology. 13th European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, U.K (2003).
- 13.Flountzi A, D. Houhoula, A. Priftis, L. Zerva and N. Legakis. Quality assurance in molecular diagnosis of tuberculosis. 3^o Panhellenic Conference of Biopathology, Thessaloniki, Greece (2004).
14. Flountzi A, D. Houhoula, A. Priftis, L. Zerva and N. Legakis. Quality assurance in molecular diagnosis of tuberculosis 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague/ Czech Republic (2004).
1. Skarmoutsou N, E. Faviou, S Nikolaou, H Fakiri, A Skroubelou, C Vletsas, V Tamvakis, E Papafragas, V Sgountzos, A Papavassiliou, S Kanavaki, D. Houhoula, N. Legakis and L.Zerva. Epidemiology of Pulmonary Tuberculosis In Athens, Greece. 25th Annual Congress of the European Society of Mycobacteriology, Sardinia, Italy (2004).
2. D. Tsimogiannis, M Stavrakaki, G. Kouri, A. Lamba, D. Houhoula, S. Kiokias and V. Oreopoulou.. Antioxidant efficacy of flavonoids and their receipt from aromatic plants. 1^o Panhellenic Conference of Euro Fed Lipid (Current Trends in the field of oils and fats), Athens, Greece (8-9 June 2005).

3. D. Houhoula, and V. Oreopoulou. Predictive study for the extent of deterioration of potato chips during storage. 1^o Panhellenic Conference of Euro Fed Lipid (Current Trends in the field of oils and fats), Athens, Greece (8-9 June 2005).
4. Skarmoutsou N, D. Houhoula E. Faviou, H Fakiri, S Nikolaou, C Vletsas, W Tamvakis, E Papafragas, S Kanavaki, K Masselou, A Tarpatzi, N. Legakis and L.Zerva. Pulmonary tuberculosis among in patients in Greece and report of an outbreak. 26th Annual Congress of the European Society of Mycobacteriology, Istanbul Turkey (June 26-29, 2005).
5. A. Katsandri, D.P. Houhoula, GL Petrikos, NJ Legakis, J Papaparaskevas, A Pantazatou, A Avlamis. High incidence of moxifloxacin resistance among *Bacteroides spp.* Isolates in Greece. Results from the Hellenic Study Group on Gram-Negative Anaerobic-Bacteria. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice France (1-4 April 2006).
6. A. Katsandri, A Pantazatou, G. Thomopoulos, G. Petrikos, D.P. Houhoula, J Papaparaskevas, NJ Legakis and A Avlamis. Infectious Diseases from multiresistant strains of *Bacteroides fragilis* group. 4^o Panhellenic Conference of Biopathology, Athens, Greece (12-15 April 2006).
7. H Papadogeorgakis, J Papaparaskevas, T. Pittaras, DP Houhoula, E Frangouli, NJ Legakis. False negative results with molecular techniques in ourithritida by *Chlamydia trachomatis*: a case report. 4^o Panhellenic Conference of Biopathology, Athens, Greece (12-15 April 2006).
8. D.P. Houhoula, A. Siatelis, N.J. Legakis, A. Tsakris, and J. Papaparaskevas. Evaluation of Real-Time PCR assays, based in molecular beacon technology, for detection and quantification of *Mycobacterium tuberculosis* DNA. 17th European Congress of Clinical Microbiology and Infectious Diseases, Munich/Germany (31-3 April 2007).
9. J. Papaparaskevas, A. Siatelis, D.P. Houhoula, C Constantinides and A. Tsakris. PCR based detection of Bacillus Calmette-Guerin in clinical specimens following intravesical immunotherapy for bladder carcinoma. 48th ICAAC/IDSA 46th Annual Meeting, Washington DC- 25-28 October 2008.
10. D. Houhoula, S. Konteles D. Kizis, N. Poggas M. Bratakos, K. Harvalos and S. Koussissis. Application of genotyping method with Multiple Locus Variable number of tandem Repeat (MLVA) *Listeria Monocytogenes* in strains isolated from food and clinical samples. 3rd National Congress of Biotechnology and Food Technology Rethymnon 15-17 October 2009.
11. D. Houhoula, S. Konteles D. Kizis, N. Poggas M. Bratakos, K. Harvalos and S. Koussissis. Application of genotyping method with Multiple Locus Variable number of tandem Repeat (MLVA) *Listeria Monocytogenes* in strains isolated from food and clinical samples. 3rd National Congress of Biotechnology and Food Technology Rethymnon 15-17 October 2009.
12. T. Pittaras, DP Houhoula, J Papaparaskevas, E Frangouli, NJ Legakis and H Papadogeorgakis. Detection of *Chlamydia trachomatis* in symptomatic male patients using samples from four different

- anatomic sites with nucleic acid amplification tests-NAAT's. 15th Congress of the European Academy of Dermatology and Venereology. Ρόδος, Ελλάδα (4-8 Οκτωβρίου).
13. D.P. Houhoula, V. Apostolou, N. Lazana, E. Siskos, D. Toulis, V.R. Kyrana, V.P. Lougouvois. Detection of escolar (*Lepidocybium flavobrunneum*) in commercialized minced fish products by a PCR-RFLP technique. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα..
 14. D.P. Houhoula, A. Batrinou, G. Giannakis, K. Filios, E. Siskos, D. Toulis, V.R. Kyrana and V.P. Lougouvois. Histamine levels in commercial cured and canned fish products commonly consumed in Greece. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα..
 15. D.P. Houhoula, P. Dimitriou, G. Mengezi, V.R. Kyrana, V.P. Lougouvois. Quantification of parvalbumin in commercially important seafood species, using real time PCR. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
 16. I. Kiritsi, A. Papanastasiou, C. Bourdi, P. Galafti, S. Koussisis, and D.P. Houhoula. Development of a Real Time PCR for the Detection of Potentially Allergenic Trace Amounts of Peanuts and Hazelnuts in Processed Foods. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
 17. D.P. Houhoula, J Papaparaskevas, S. Konteles, A. Dargenta, A. Farka, C. Spyrou, M. Ziaka, S. Koussisis and E. Charvalos. Gold nanoprobe assay for the identification of foodborn pathogens such as *Staphylococcus aureus* and *Listeria monocytogenes*. *International Conference on Bioscience, Biotechnology, and Biochemistry 29-31 January 2015 Dubai*.
 18. J Papaparaskevas, D.P. Houhoula, H. Malkawi, K. N. Elshuraydeh, M. R. Hassuneh, S. Konteles, S. Koussisis M.-P. Mingeot-Leclercq and E. Charvalos. Detection of *S aureus* in blood cultures and milk using antibody conjugated superparamagnetic nanoparticles and conventional PCR. *International Conference on Bioscience, Biotechnology, and Biochemistry 29-31 January 2015 Dubai*.
 19. Α. Κατσανδρή, Δ Χούχουλα, Ι Παπαπαρασκευάς, Α Πανταζάτου, Σ Νεοφώτιστου, Α. Αυλάμη και ΝΙ Λεγάκης. Υψηλά ποσοστά αντοχής στην Μοξιφλοξασίνη σε στελέχη *Bacteroides spp.* 4^ο Πανελλήνιο Συνέδριο Ιατρικής Βιοπαθολογίας, Αθήνα, Ελλάδα (12-15 Απριλίου 2006)..
 20. T. Pittaras, DP Houhoula, J Papaparaskevas, E Frangouli, NJ Legakis and H Papadogeorgakis. Detection of *Chlamydia trachomatis* in symptomatic male patients using samples from four different anatomic sites with nucleic acid amplification tests-NAAT's. 15th Congress of the European Academy of Dermatology and Venereology. Ρόδος, Ελλάδα (4-8 Οκτωβρίου).
 21. Θ Πιταράς, Δ Χούχουλα, Ι Παπαπαρασκευάς, Ν Λεγάκης, Α. Κατσάμπας, Ε Φραγκούλη και Ε Παπαδογεωργάκη. Διερεύνηση μη επεμβατικών δειγμάτων για τον έλεγχο της λοίμωξης από

Chlamydia trachomatis. 9^ο Πανελλήνιο Συνέδριο Δερματολογίας και Αφροδισιολογίας, Αθήνα 14-17 Ιουνίου 2007.

22. D.Houhoula, A.Batrinou, M. Athanasopoulou, G. Malogiannis, E. Nikolaidis K. Sflomos and S. Koussissis. Quantitation of Aflatoxins Ochratoxins A and Fumonisin with the direct competitive ELISA in foods. EUROFOODCHEM XVII, 7-10 Μαΐου 2013, Istanbul, Turkey.
23. A.Batrinou D.Houhoula, K. Sigala, C. Proestos, K. Sflomos. Effect of gamma irradiation on the allergenicity of Macadamia nuts. EUROFOODCHEM XVII, 7-10 Μαΐου 2013, Istanbul, Turkey.
24. D.P. Houhoula, A. Batrinou, P. Chaniotis, L. Grafas, D. Kizis, V.R. Kyrana, V.P. Lougonois and S. Koussissis. Quantification of Aflatoxins in foods, using the direct competitive ELISA technique. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
25. D.P. Houhoula, V. Apostolou, N. Lazana, E. Siskos, D. Toulis, V.R. Kyrana, V.P. Lougonois. Detection of escolar (*Lepidocybium flavobrunneum*) in commercialized minced fish products by a PCR-RFLP technique. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
26. D.P. Houhoula, A. Batrinou, G. Giannakis, K. Filios, E. Siskos, D. Toulis, V.R. Kyrana and V.P. Lougonois. Histamine levels in commercial cured and canned fish products commonly consumed in Greece. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
27. D.P. Houhoula, P. Dimitriou, G. Mengezi, V.R. Kyrana, V.P. Lougonois. Quantification of parvalbumin in commercially important seafood species, using real time PCR. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
28. I. Kiritsi, A. Papanastasiou, C. Bourdi, P. Galafti, S. Koussissis, and D.P. Houhoula. Development of a Real Time PCR for the Detection of Potentially Allergenic Trace Amounts of Peanuts and Hazelnuts in Processed Foods. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
29. V. Belsis, K. Lagou, M. Varvaressou, P. Platara, M. Kollia, L. Georgopoulos, S. Koussissis, and D.P. Houhoula. Development a PCR for the detection of allergenic trace amounts of sesame and Hazelnut in processed foods. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
30. Kizis D, .Gallou C, .Houhoula D, Koussissis S. Detection of genetically modified maize lines in packed foodstuffs containing processed corn. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.
31. Kizis D, Houhoula D, Banilas G, Christidis S, Livaditi L, Koussissis S Olive fruit respiration study under hypoxia and hyperoxygenation conditions. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕC Παιανίας 2013, Αθήνα.

32. Μπατρίνου Α, Χούχουλα Δ, Καμπανοπούλου Μ, Μακρυγιάννης Κ, Μαρκάκη Π. Ανίχνευση αφλατοξίνης με ταχεία ανοσοαναλυτική μέθοδο σε καρκεύματα της Ελληνικής αγοράς. 4^ο Πανελλήνιο Συνέδριο Βιοτεχνολογία και Τεχνολογία Τροφίμων 11-13 ΜΕΚ Παιανίας 2013, Αθήνα.
33. Δ. Χούχουλα, Ι. Παπαπαρασκευάς, Σ. Κοντελής, Σ. Κουσίσης. Κ. Κωνσταντόπουλος, Α. Τσακρής και Α. Χαρθάλου. Νανοδοματίδια Χρυσού για την ταυτοποίηση των παθογόνων *Staphylococcus aureus* και *Listeria monocytogenes*. 40^ο Πανελλήνιου Ιατρικού Συνεδρίου, Αθήνα, Μάιος 2014.
34. Ι. Παπαπαρασκευάς, Δ. Χούχουλα, Σ. Κοντελής, Α. Δαρζέντα, Α. Φάρκα, Χ. Σπύρου, Μ. Ζιάκα, Σ. Κουσίσης, Α. Τσακρής και Α. Χαρθάλου. Εξέλιξη πρωτοκόλλου βασισμένου σε νανοδοματίδια χρυσού για την ταυτοποίηση των παθογόνων *Staphylococcus aureus* και *Listeria monocytogenes*. 8^ο Πανελλήνιο Συνέδριο Ιατρικής Βιοπαθολογίας, Αθήνα (29-31 Μαΐου 2014).
35. D.P. Houhoula, J Papaparaskevas, S. Konteles, A. Dargenta, A. Farka, C. Spyrou, M. Ziaka, Koussisis and E. Charvalos. Gold nanoprobe assay for the identification of foodborn pathogens such as *Staphylococcus aureus* and *Listeria monocytogenes*. *International Conference on Bioscience, Biotechnology, and Biochemistry 29-31 January 2015 Dubai*.
36. J Papaparaskevas, D.P. Houhoula, H. Malkawi, K. N. Elshuraydeh, M. R. Hassuneh, S. Konteles, S. Koussisis M.-P. Mingeot-Leclercq and E. Charvalos. Detection of *S aureus* in blood cultures and milk using antibody conjugated superparamagnetic nanoparticles and conventional PCR. *International Conference on Bioscience, Biotechnology, and Biochemistry 29-31 January 2015 Dubai*.
37. Δ. Χούχουλα, Ι. Παπαπαρασκευάς, Κ. Ζάτσου, Ν. Νικολάρας, Η. Malkawi, P.M. Mingeot-Leclercq, Α. Τσακρής και Α. Χαρθάλου. Μαγνητικά νανοδοματίδια χρυσού ως μέθοδος εμπλουτισμού του κλινικού δείγματος στην διαδικασία μοριακής ανίχνευσης των παθογόνων *Staphylococcus aureus* και *Salmonella enteritidis*. 7^ο Πανελλήνιο Συνέδριο Κλινικής Μικροβιολογίας Αθήνα (25-28 Φεβρουαρίου 2015).
38. J. Papaparaskevas, D. Houhoula, K. Zatsou N. Nikolaras, H. Malkawi M.P. Mingeot-Leclercq, A. Tsakris and E. Charvalos Magnetic nanoparticle-enhanced PCR for the detection and identification of *Staphylococcus aureus* and *Salmonella enteritidis*. 26th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen Denmark, 25-28 April.
39. [E. Tsakali](#) · [K. Stamatopoulos](#) [A. Kitsou](#) · D. Houhoula [S. Koulouris](#) [I. Tsaknis](#) [J. Van Impe](#) [A. Chatzilazarou](#) .Determination of Lactoferrin in milk of various species by RP-HPLC. FABE 2015 29-30 May 2015, Mykonos.
40. Dimitra. Houhoula, Vasiliki. Kousi, Ilias Anastasopoulos Spyros. Konteles, Vladimiros Lougovois, Konstantinos Sflomos and Joseph Papaparaskevas Prevalence of *Listeria monocytogenes* in domestic refrigerators in Greece. FABE 2015 29-30 May 2015, Mykonos.

41. [Olga Gortzi](#), [Efstathia Tsakali](#), [Arhontoula Chatzilazarou](#), [Dimitra Houhoula](#), [I. Tsaknis](#), [Konstantinos Sflomos](#) and [Anna Galidi](#). e-food science project: Bio-functional foods. FABE 2015 29-30 May 2015, Mykonos.
42. D.P. Houhoula, J Papaparaskevas, K. Zatsou ,N. Nikolaras, S. Konteles, S. Koussisis and E. Charvalos. Detection of *S aureus* in milk and *S. enteritidis* in meat broth using antibody conjugated paramagnetic nanoparticles and conventional PCR FABE 2015 29-30 May 2015, Mykonos.
43. D.P. Houhoula, J Papaparaskevas, E. Passa, P. Dafereras S. Konteles, A. Polydera, S. Koussisis and E. Charvalos Gold nanoparticles assay for the identification of foodborn pathogens such as *Listeria monocytogenes* FABE 2015 29-30 May 2015, Mykonos.
44. Dimitra Houhoula, Stamatis Katakis, Vladimiros Lougovois, Vassiliki Kyrana and Konstantinos Sflomos Detection of adulteration of meat products contaminated with pork meat with Real Time PCR. FABE 2015 29-30 May 2015, Mykonos.
45. Dimitra P. Houhoula · [Meropi Kouzilou](#) · [Konstantinos Tzogias](#) · [Vladimiros Lougovois](#) · [John Tsaknis](#) · [Konstantinos Sflomos](#). Gold nanoparticles sensor for the detection of adulteration of meat products contaminated with horse meat FABE 2015 29-30 May 2015, Mykonos.
46. [Vassilia J Sinanoglou](#) · Dimitra P Houhoula · [Vasiliki R Kyrana](#) · [Vladimiros P Lougovois](#) · Characterization of visceral oils from conventional and organically farmed Sparus aurata, Dicentrarchus labrax and Diplodus puntazzo. 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications. 20-24 September 2015, Kalamata, Greece. Book of abstracts p. 30 (P1-27).
47. D. Houhoula · [M. Karalexi](#) · [J. Papadopoulos](#) · [E. Tsakali](#) · [P.A. Bekri](#) · [F. Chrysoulaki](#) · [A. Daskalaki](#) · [A. Papadopolou](#) · [B. Boutopoulou](#) · [S. Tsampouri](#) · [V. Gkergkis](#) · [C. Priftis](#) Detection of allergens in breast milk (precursor communication) . 6ο Πανελλήνιο Παιδοαλλεργιολογικό Συνέδριο 9-11 Οκτωβρίου 2015.
48. [L. Atsaros](#) · [N. Genaris](#) · [E. Tsakali](#) · [V. Kyrana](#) · [S. Koussisis](#) · [V. Lougovois](#) · [J. Tsaknis](#) · D. Houhoula Determination of the probiotic bacterial diversity in breast milk of healthy women by quantitative real-time PCR. Conference Programme SCience in TEchnology SCinTE 2015 Αθήνα 5-7 Νοεμβρίου.
49. D.P. Houhoula, M. Kouzilou, K. Tzogias, V. Lougovois , J. Tsaknis and K. Sflomos Gold Nanoparticles Sensor for the detection of adulteration of meat products contaminated with horse meat. Conference Programme SCience in TEchnology SCinTE 2015 Αθήνα 5-7 Νοεμβρίου.
50. [Dimitra Houhoula](#) [L. Atsaros](#) [Nikolaos Genaris](#) [D. Kassavita](#) [V. Kyrana](#) [S. Koussisis](#) [Vladimiros Lougovois](#) [John Tsaknis](#) [Jan F.M. Van Impe](#) [Efstathia Tsakali](#) Determination of the probiotic bacterial diversity of breast milk of healthy women by quantitative real-time PCR. 30th EFFoST International Conference; Vienna November 2016.

51. [Dimitra Houhoula](#), [Stelios Karavis](#), [V. Papastathis](#), [A.Hatzikonstantinou](#), [Vladimiros Lougovois](#), [John Tsaknis](#), [Jan F.M. Van Impe](#) [Efstathia Tsakali](#) [A. Polydera](#) and [H. Stamatis](#). Antibacterial properties of phenolic compounds from olive leaves against Salmonella enteritidis 30th EFFoST International Conference; Vienna November 2016. [E. Tsakali](#) · [K. Stamatopoulos](#) [A. Kitsou](#) · [D. Houhoula](#) [S. Koulouris](#) [I. Tsaknis](#) [J. Van Impe](#) [A. Chatzilazarou](#) .A RP-HPLC method for the detection and quantification of Lactoferrin in milk of various species 30th EFFoST International Conference; Vienna November 2016.
52. [D. Houhoula](#) [J. Papaparaskvas](#), [K. Zatsou](#) [N. Nikolaras](#), [S. Konteles](#), [E. Tsakali](#), [S. Koussisis](#), [Vladimiros Lougovois](#), [A. Polydera](#) [H. Stamatis](#), [Jan F.M. Van Impe](#) and [E. Charvalos](#). Magnetic particles-enhanced conventional PCR for the detection and identification of S. aureus in milk and S. enteritidis in meat broth. 30th EFFoST International Conference; Vienna November 2016.
53. [D. Houhoula](#), [E. Spanea](#), [S. Koussisis](#), [Vladimiros Lougovois](#), [E. Tsakali](#) and [Jan F.M. Van Impe](#) A conventional PCR assay for the detection of genetically modified soy and maize in Greek products. 30th EFFoST International Conference; Vienna November 2016.
54. [D. Houhoula](#), [D. Livianos](#) [D. Houhoula](#), [D. Livianos](#), [N. Solomakos](#), [S. Koulouris](#), [J. Tsaknis](#), [S. Koussisis](#), [V. Lougovois](#), [E. Tsakali](#) and [Jan F.M. Van Impe](#) Use of Real Time PCR in the detection of fraud in goat's dairy products. 30th EFFoST International Conference; Vienna November 2016.
55. [D. Houhoula](#), [D. Livianos](#), [N. Solomakos](#), [S. Koulouris](#), [J. Tsaknis](#), [S. Koussisis](#), [V. Lougovois](#), [E. Tsakali](#) and [Jan F.M. Van Impe](#) Use of Real Time PCR in the detection of fraud in goat's dairy products. 30th EFFoST International Conference; Vienna November 2016.
56. [Dimitra P. Houhoula](#) · [Meropi Kouzilou](#) · [Konstantinos Tzogias](#) · [Vladimiros Lougovois](#) · [John Tsaknis](#) [Konstantinos Sflomos](#). Sustainable and effectual gold nanoparticle sensor for adulteration screening of horse meat in meat products 30th EFFoST International Conference; Vienna November 2016.
57. [D. Houhoula](#), [J. Papaparaskvas](#), [K. Zatsou](#) [N. Nikolaras](#), [H. Malkawi](#) [M.P. Mingeot-Leclercq](#), [S. Konteles](#), [S. Koussisis](#) and [E. Charvalos](#) The application of Magnetic particle for the detection and identification of Staphylococcus aureus and Salmonella enteritidis. 30th EFFoST International Conference; Vienna November 2016.
58. [Dimitra Houhoula](#), [Stelios Karavis](#), [V. Papastathis](#), [A.Hatzikonstantinou](#), [Vladimiros Lougovois](#), [John Tsaknis](#), [Jan F.M. Van Impe](#) [Efstathia Tsakali](#) [A. Polydera](#) and [H. Stamatis](#). Antibacterial properties of phenolic compounds from olive leaves against Salmonella enteritidis International Congress on Food Technology. Athens 18 March 2017.
59. [Theofania Tsironi](#), [Vladimiros Lougovois](#), [Stamatis Koussisis](#) and [Dimitra Houhoula](#). Next Generation Sequencing (NGS) for the determination of pathogenic bacteria in greek fisheries. Aquaculture Europe 2017 International conference and exposition October 17-20 2017 Dubrovnik Croatia.
60. [E. Tsakali](#), [S. Koulouris](#), [Eudokia Mastoraki](#), [Sotiria Psarrou](#), [Dimitris Timbis](#), [D. Houhoula](#), [J. Tsaknis](#), and [Jan F.M. Van Impe](#). The role of milk composition and packaging on the microbiological stability of white soft

- cheese 09/2017, Conference: 10th International Conference on Predictive Microbiology in Food (ICPMF), Cordoba, Spain.
61. Theofania Tsironi, Vassiliki Nefel Simou, Afrodite Mexi, Lougovois Vladimiros, Koussissis Stamatis and Dimitra Houhoula Next Generation Microbiological Risk Assessment: Next Generation Sequencing (NGS) for the Determination of Fish Flesh Microbiota. 10th biennial FOODSIM2018, April 8-12, 2018, Ghent, Belgium Leuven Research Centre.
 62. Pantelis Stathopoulos, Dimitra Houhoula, Dimitris Timpis, Spiridin Konteles and Efstathia Tsakali Growth/No Growth Models of Different Stress adopted and Non Adopted *Listeria Monocytogenes* Strains. 10th biennial FOODSIM2018, April 8-12, 2018, Ghent, Belgium Leuven Research Centre.
 63. Tsakali, E., Krimitzakis, K., Koulouris, S., Houhoula D., Tsaknis, J., Van Impe, J., Tataridis, P. (2018). Determination of Protein and Free Amino Nitrogen in Greek Beers. 13th Trends in Brewing. Gent, Belgium 8-10 April 2018.
 64. Non-Culturable *Salmonella Enterica* Ser. Typhimurium in Foods in Simulated Gastric and Enteric Fluid by Flow Cytometry Anthimia Batrinou, Efstathia Tsakali, Dimitra Houhoula and Dimitrios Timpis, Department of Food Science and Technology, University of West Attica, Egaleo and Spiridon Konteles, Regional Division of Attica, EFET Hellenic Food Authority, Athens, Greece. FOODSIM'2020 - Conference postponed to September 6-10, 2020.
 65. Detection of *Brucella* spp. in Milk and Blood Samples of Ruminants Animals by PCR Ioannis Dimou, Ekaterini Samioti, Dionisis Antonopoulos, Anthimia Batrinou, Spiridon Konteles, Valentini Stefanou, Spiridon Papatheodorou, Efstathia Tsakali, Dimitrios Vourvidis, Anna Kyrma, and Dimitra Houhoula FOODSIM'2020 - Conference postponed to September 6-10, 2020
 66. Inhibitory Phenomena to *Cronobacter sakazakii* in Co-Culture with the *Bifidobacterium animalis* subsp. *lactis* BB-12 in Synthetic Medium at Different Inoculation Level Spiridon J. Konteles, Anthimia Batrinou, Arhontoula Chatzilazarou, D. Houhoula Irene Strati, Jan F.M. Van Impe and Efstathia Tsakali FOODSIM2022.
 67. Comparison of Antimicrobial and Antioxidant Activity of Natural Extracts of the Greek Flora Alike Tsakni, Archontoula Chatzilazarou, Efstathia Tsakali, Panagiotis Halvatsiotis and Dimitra Houhoula. Molecular Characterization of Shiga Toxin Producing *E. COLI* (STEC) Virulence Genes from Various Foods Anthimia Batrinou, Irene Strati, Andreas Tsantes, Efstathia Tsakali, Jan F.M. Van Impe, Spiridon Konteles, Panagiotis Halvatsiotis and Dimitra Houhoula.
 68. Fast, Simple and Low Cost Detection of Foodborne Pathogens using In-House DNA Extraction and Molecular Detection with Colorimetric Loop mediated Isothermal Amplification Spyridon Andreas Papatheodorou, Sotirios Magoulas, Efstathia Tsakali, Dimitra Houhoula, Panagiotis Halvatsiotis.
 69. Public health problem in food safety and emergency medicine: The importance of detection of Frequency and Antimicrobial Resistance of *Klebsiella pneumoniae* in Greek raw meat products by molecular techniques. Nikoletta Argyro Theocharidi, Iliana Balta, Andreas G. Tsantes, George P. Lalliotis, Angeliki C.

Polydera, Haralambos Stamatis Panagiotis Halvatsioti⁵ Dimitra Houhoula November 07-08, 2022 | Millennium Hotel Paris Charles De Gaulle Paris, France Coalesce Research Group APPLIED MICROBIOLOGY AND BENEFICIAL MICROBES 44th International Conference.

70. ΓΟΝΙΔΙΑΚΟΙ ΠΟΛΥΜΟΡΦΙΣΜΟΙ ΤΗΣ Β ΚΑΖΕΪΝΗΣ ΣΕ ΕΛΛΗΝΙΚΕΣ ΦΥΛΕΣ ΑΓΕΛΑΔΩΝ (HOLSTEIN)
Δέσποινα Βουγιουκλάκη, Δήμητρα Χούχουλα. 13ο Μακεδονικό Συνέδριο Διατροφής και Διαιτολογίας 25-27 Σεπτεμβρίου 2020
71. ΜΕΛΕΤΗ ΑΝΤΙΟΞΕΙΔΩΤΙΚΗΣ ΚΑΙ ΑΝΤΙΜΙΚΡΟΒΙΑΚΗΣ ΔΡΑΣΗΣ ΦΥΣΙΚΩΝ ΕΚΧΥΛΙΣΜΑΤΩΝ.
72. ΠΡΟΣΔΙΟΡΙΣΜΟΣ ΒΙΟΔΡΑΣΤΙΚΩΝ ΕΝΩΣΕΩΝ Αλίκη Τσάκη, Αρχοντούλα Χατζηλαζάρου, Μιχάλης Κουραπίδης, Δήμητρα Χούχουλα. 13ο Μακεδονικό Συνέδριο Διατροφής και Διαιτολογίας 25-27 Σεπτεμβρίου 2020
73. ΕΠΙΔΡΑΣΗ ΤΗΣ ΚΑΡΑΝΤΙΝΑΣ ΣΤΗΝ ΕΚΠΑΙΔΕΥΤΙΚΗ, ΔΙΑΤΡΟΦΙΚΗ ΚΑΙ ΑΘΛΗΤΙΚΗ ΔΡΑΣΤΗΡΙΟΤΗΤΑ ΣΤΟΥΣ ΈΛΛΗΝΕΣ ΦΟΙΤΗΤΕΣ Ελένη Ρούτση, Θεοφάνια Τσιρώνη, Μιχάλης Παπαπάνου, Αικατερίνη Χαρβάλου, Χαράλαμπος Ρηγόπουλος, Δέσποινα Βουγιουκλάκη, Σπύρος Παπαθεοδώρου, Αλίκη Τσάκη, Βασιλεία Σινάνογλου, Ιωάννης Τσάκης Δήμητρα Χούχουλα. 13ο Μακεδονικό Συνέδριο Διατροφής και Διαιτολογίας 25-27 Σεπτεμβρίου 2020
74. ΣΥΣΧΕΤΙΣΗ ΤΟΥ ΠΟΛΥΜΟΡΦΙΣΜΟΥ Gln223Arg ΤΟΥ ΥΠΟΔΟΧΕΑ ΤΗΣ ΛΕΠΤΙΝΗΣ ΚΑΙ ΤΗΣ ΟΞΕΙΔΩΤΙΚΗΣ ΑΠΟΙΚΟΔΟΜΗΣΗΣ ΤΩΝ ΛΙΠΙΔΙΩΝ ΣΕ ΑΣΘΕΝΕΙΣ ΜΕ ΣΑΚΧΑΡΩΔΗ ΔΙΑΒΗΤΗ ΤΥΠΟΥ 2" 19ο Πανελλήνιο Διαβητολογικό Συνέδριο 2-3 Μαΐου, Αθήνα 2021
75. ΣΥΣΧΕΤΙΣΗ ΤΩΝ ΓΟΝΙΔΙΑΚΩΝ ΠΟΛΥΜΟΡΦΙΣΜΩΝ ΤΟΥ ΓΟΝΙΔΙΟΥ ΤΗΣ SIRT1 ΚΑΙ ΤΟΥ ΑΝΤΙΟΞΕΙΔΩΤΙΚΟΥ ΦΟΡΤΙΟΥ ΣΤΗΝ ΚΥΗΣΗ ΜΕ ΣΑΚΧΑΡΩΔΗ ΔΙΑΒΗΤΗ" 20ο Πανελλήνιο Διαβητολογικό Συνέδριο 18-21 Μαΐου, Αθήνα.