
Curriculum vitae



Name: Gregoria Mitropoulou

Laboratory/Group:

Laboratory of Applied Microbiology and Biotechnology

email: gmitropo@mbg.duth.gr

Telephone: 0030 25510 30703

Education

University	Degree	Year	Field of study
Department of Molecular Biology and Genetics, Democritus University of Thrace	PhD student	2013-	Biotechnology
Department of Molecular Biology and Genetics, Democritus University of Thrace	BSc	2013	Molecular Biology and Genetics
School of Science, Faculty of Biology & School of Health Science, National and Kapodistrian University of Athens	MSc	2005	Applications of Biology in Medicine
Department of Faculty of Health and Caring Professions, Technological Educational Institute of Athens	BSc	1999	Technician of Medical Laboratory

Scientific work/aims:

- Functional foods
- Application of innovative biotechnological technologies for quality improvement of foods

Fellowships-Awards:

Mrs Mitropoulou currently is working on the following funded research projects:

1. SYNERGASIA II: Proposal 11SYN_2_566: "Novel functional foods containing bioactive essential oils from Greek endemic species with health promoting properties" in collaboration with EVGA S.A and VIORYL S.A., Industries. **Source of Funding:** Greek General Secretariat of Research and Technology (GSRT) and private

industrial funds. **Budget:** 1.184.000€. **Coordinator:** Y. Kourkoutas. **Scientific Coordinator:** A. Chlichlia. **Starting/Ending dates:** August 2013-June 2015. **Role:** Researcher.

2. SYNERGASIA II: Proposal 11SYN_2_571: "Functional dairy and meat products with high added value fermented or enriched with new probiotic microorganisms isolated from Greek traditional products" in collaboration with NIKAS S.A., ECOFARMA S.A. RODOPI S.A. Industries. **Source of Funding:** Greek General Secretariat of Research and Technology (GSRT) and private industrial funds. **Budget:** 1.580.000€. **Coordinator-Scientific Coordinator:** C. Tassou. **Starting/Ending dates:** October 2013-June 2015. **Role:** Researcher.

3. Greece-China Cooperation: Proposal 12CHN_409: "Bioactive essential oils and other beneficial substances isolated from Greek and Chinese endemic species with health promoting properties" in collaboration with VIORYL S.A. and PAXMAN S.A. Industries. **Source of Funding:** Greek General Secretariat of Research and Technology (GSRT) and private industrial funds. **Budget:** 560.000€. **Coordinator:** E. Papavasilopoulou. **Scientific Coordinator:** Y. Kourkoutas. **Starting/Ending dates:** December 2012-September 2015. **Role:** Researcher.

4. Support of New Enterprises for Research & Technological Development Activities: Proposal 17NEWB2012: "Use of biologically active essential oils in the production of alcoholic beverages and pastry products with potential health benefits" in collaboration with TENTOURA CASTRO S.A. Beverage Industry. **Source of Funding:** Greek General Secretariat of Research and Technology (GSRT) and private industrial funds. **Budget:** 190.000€. **Coordinator:** E. Katsigianni. **Subcontractor Coordinator:** K. Fylaktakidou-Y. Kourkoutas. **Starting/Ending dates:** November 2012-January 2015. **Role:** Researcher.

5. Gustafson prize for the participation in the authorship of an innovative article published in the Microbial Ecology in Health and Disease Journal in 2015 cited as: Mitropoulou, G.; Fitsiou, E.; Stavropoulou, E.; Papavassilopoulou, E.; Vamvakias, M.; Pappa, A.; Oreopoulou, A.; Kourkoutas, Y. Composition, antimicrobial, antioxidant, and antiproliferative activity of *Origanum dictamnus* (dittany) essential oil. Microbial Ecology in Health & Disease 2015, 26: 26543.

Publications (if any):

Publications in scientific journals (selected):

1. Fitsiou, E.; Mitropoulou, G.; Spyridopoulou, K.; Tiptiri-Kourpeti, A.; Vamvakias, M.; Bardouki, H.; Panayotidis, M.; Galanis, A.; Kourkoutas, Y.; Chlichlia, K.; Pappa, A. Phytochemical profile and evaluation of the biological activities of essential oils derived from the Greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*. *Molecules*, 2016, 21 1069; [doi:10.3390/molecules21081069](https://doi.org/10.3390/molecules21081069).

2. Mitropoulou, G.; Fitsiou, E.; Stavropoulou, E.; Papavassilopoulou, E.; Vamvakias, M.; Pappa, A.; Oreopoulou, A.; Kourkoutas, Y. Composition, antimicrobial, antioxidant, and antiproliferative activity of *Origanum dictamnus* (dittany) essential oil. Microbial Ecology in Health & Disease 2015, 26: 26543.

3. Mitropoulou, G.; Nedovic, V.; Goyal, A.; Kourkoutas, Y. Immobilization technologies in probiotic food production. *Journal of Nutrition and Metabolism*, 2013. <http://dx.doi.org/10.1155/2013/716861>.

4. Kanellopoulou, M.; Martsoukou, M.; Skarmoutsou, N.; Haralampopoulou, A.; Kamperogianni, M.; Mitropoulou, G.; Papafrangas, E. Detection of vancomycin-resistance genes of resistant enterococci, to commercially available hybridization method. *Acta Microbiologica Hellenica*, 2003, 48 29 -33.

Proceedings in international conferences (selected):

1. Mitropoulou, G.; Chorianopoulos, N.; Argiri, A.; Papadopoulos, O.; Tassou, X.; Kourkoutas, Y. Evaluation of *Lactobacillus plantarum* T-571 as potent probiotic culture for Greek feta-type cheese production and characterization of microbial flora by Next Generation Sequencing. Food Chemistry Days 2015-Functional Foods, Athens, Greece, 26-27 Νοεμβρίου 2015.
2. Choulitoudi, E.; Bravou, K.; Bimpilas, A.; Tsironi, T.; Mitropoulou, G.; Tsimogiannis, D.; Kourkoutas, Y.; Taoukis, P.; Oreopoulou, V. Natural antioxidants and antimicrobials in edible and active packaging. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.
3. Bardouki, H.; Vamvakias, M.; Georganakis, D.; Mitropoulou, G.; Kourkoutas, Y. Characterization and antimicrobial properties of sweet basil (*Ocimum basilicum* L.) essential oil and hydrosol fractions. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.
4. Bardouki, H.; Vamvakias, M.; Papavassilopoulou, E.; Mitropoulou, G.; Kourkoutas, Y. Composition and antimicrobial properties of spearmint (*Mentha spicata*) essential oil and hydrosol fractions. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.
5. Mitropoulou, G., Bimpilas, A., Tsimogiannis, D., Oreopoulou, V., Kourkoutas, Y. Antimicrobial properties of the essential oil, ethanol and ethyl acetate extract of *Satureja thympra* against food spoilage and pathogenic bacteria. 38th SOMED Congress "Human Microbiome: From the bench to health benefits", Verona, Italy, 11-13 October 2015 (p. 89).
6. Sidira, M.; Kiourtzidis, M.; Chorianopoulos, N.; Tassou, C.; Kaloutsas, S.; Mitropoulou, G.; Varzakas, T.; Kourkoutas, Y. Volatile compounds in probiotic yoghurts containing immobilized *Lactobacillus plantarum* 2035 on whey protein. 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications, Kalamata, Greece, 20-24 September 2015 (p. 115).
7. Mitropoulou, G.; Galanis, A.; Vamvakias, M.; Bardouki, H.; Kourkoutas, Y. Essential oils from Greek endemic species as antimicrobial agents against *Saccharomyces cerevisiae* and *Aspergillus niger* responsible for food spoilage. SGM - Irish Division Meeting: Microbial interfaces, Galway, Ireland, 17-19 June 2015.
8. Mitropoulou, G.; Papavassilopoulou, E.; Vamvakias, M.; Oreopoulou, A.; Kourkoutas, Y. Assessment of antibacterial properties of *Origanum onites* and *Origanum dictamnus (dittany)* essential oils against food spoilage and pathogenic species. SGM - Irish Division Meeting: Microbial Interfaces, Galway, Ireland, 17-19 June 2015.
9. Mitropoulou, G.; Vamvakias, M.; Bardouki, H.; Panas, P.; Kourkoutas, Y. A comparison study of antimicrobial properties of lousia (*Lippia citriodora*) and citrus (*Citrus medica*) essential oils against food spoilage and pathogenic bacteria. IJFST 50th Celebration Conference: The future of food innovation, nutrition and technology, Lincoln, New Zealand, 17-19 February 2015 (pp. 71-72).
10. Mitropoulou, G.; Nikolaou, A.; Bimpilas, A.; Tsimogiannis, D.; Oreopoulou, V.; Kourkoutas, Y. Antimicrobial activity of *Thymus capitatus* essential oil against foodborne pathogenic bacteria. 9th National Conference "The environment and the man", Athens, Greece, December 5-7, 2014 (pp. 51-58).
11. Mitropoulou, G.; Chachalis, P.; Panas, P.; Kiourtzidis, M.; Kourkoutas, Y. A comparison study of antimicrobial properties of Cinnamon and Chios mastic gum essential oils against foodborne pathogens. Annual Conference and Exhibition on Functional Foods, Nutraceuticals, Natural Health Products and Dietary Supplements, Istanbul, Turkey, 14-17 October 2014 (p. 201).

12. Mantzourani, I. ; Panopoulou, M.; Staupoulou, E.; Papaemmanouil, V.; Dimitriou, M.; Theodoridou, I.; Mitropoulou, G.; Bezirtzoglou, E. Evaluation of the antimicrobial susceptibility profiling of tigecycline and other antibiotics against clinical isolates. Anaerobe, Chicago, USA, 28 June-1 July 2014 (p. 57).
13. Mitropoulou, G., Vamvakias, M., Bardouki, H., Panas, P., Kourkoutas, Y. Assessment of antimicrobial properties of basil essential oil against foodborne pathogens. Anaerobe, Chicago, USA, 28 June-1 July 2014 (p. 182).
14. Mitropoulou, G.; Vamvakias, M.; Bardouki H.; Panas P.; Kourkoutas Y. Assessment of antimicrobial properties of Chios mastic gum essential oil against foodborne pathogens. Anaerobe, Chiacago, USA, 28 June-1 July 2014 (p. 161).
15. Mitropoulou, G.; Galanis, A.; Vamvakias, M.; Bardouki, H.; Kourkoutas, Y. Assessment of antimicrobial properties of spearmint essential oil against foodborne pathogens. 3rd International ISEKI Food conference, Athens, Greece, 21-23 May 2014 (p. 127).
16. Mitropoulou, G.; Nikolaou, A.; Bimpilas, A.; Tsimogiannis, D.; Oreopoulou, V.; Kourkoutas, Y. Antimicrobial activity of *Origanum vulgare* ssp. *hirtum* (carvacrol chemotype) essential oil against foodborne pathogenic bacteria. 36th Scientific Conference of Hellenic Association for Biological Sciences, Ioannina, Greece, 8-10 May 2014 (p. 227).
17. Vasileiadis, S.; Fitsiou, E.; Saxami, G.; Tiptiri-Kourpeti, A.; Spyridopoulou, K.; Mitropoulou, G.; Vekiari, S.; Galanis, A.; Pappa, A.; Chlichlia, K. Evaluation of potential biological effects of cranberry juice. 36th Scientific Conference of Hellenic Association for Biological Sciences, Ioannina, Greece, 8-10 May 2014 (p. 29).
18. Sidira, M.; Ypsilantis, P.; Charalampopoulos, D.; Saxami, G.; Mitropoulou, G.; Galanis, A.; Simopoulos, C.; Kourkoutas, Y. Assessment of potential probiotic attributes of immobilized *Lactobacillus casei* ATCC 393. International Conference in Biotechnology and Bioinformatics, ICABB, Pune, India, 25-27 November 2013 (p. B52-B53).
19. Sidira, M.; Mitropoulou, G.; Galanis, A., Kourkoutas, Y. Immobilized probiotic starter cultures for probiotic meat products with enhanced resistant to microbial spoilage. International conference on Health, Environment and Industrial Biotechnology, Biosangam, Allahabad, India, 21-23 November 2013 (p. 414).
20. Mitropoulou, G.; Santarmaki, V.; Panas, P.; Michalopoulos, I.; Kourkoutas, Y. An Economic Evaluation for Production of dried probiotic immobilized starter culture using whey. International conference on Health, Environment and Industrial Biotechnology, Biosangam, Allahabad, India, 21-23 November 2013 (p. 441).
21. Mitropoulou, G.; Georgalis, A.; Tsakanika, K.; Rebelakos, A.; Apostolikas, N.; Thanos, A.; Panotopoulou, E. bcl-2, bax expression in prostate carcinogenesis. 29th Congress of the Societe Internationale d' Urologie, Paris, France, 2-6 September 2007, 70(3A) (p. 245).
22. Mitropoulou, G.; Georgalis, A.; Tsakanika, K.; Rebelakos, A.; Apostolikas, N.; Thanos, A.; Panotopoulou, E. Bag-1 and bax expression in benign prostatic hyperplasia and prostate cancer. 29th Congress of the Societe Internationale d' Urologie, Paris, France, 2-6 September 2007, 70(3A) (p. 130).
23. Skarmoutsou, N.; Kanellopoulou, M.; Martsoukou, M.; Fakiri, H.; Margeti, E.; Mitropoulou, G.; Papafrangas, E. Trends in resistance of *P. aeruginosa* isoletes from lower respiratory tract over a five year period (1998–2002) in a tertiary adults hospital. 14th European Congress of Clinical Microbiology and Infectious Diseases Prague, Czech Republic, 1-4 May 2004, 10(3) (p. R1929).

Βιογραφικό Σημείωμα



Όνομα: Γρηγορία Μητροπούλου

Εργαστήριο/Ομάδα:

Ερευνητική Ομάδα Εφαρμοσμένης Μικροβιολογίας και Μοριακής Βιοτεχνολογίας

Ηλ. ταχυδρομείο:

gmitropo@mbg.duth.gr

Τηλέφωνο: 0030 25510 30703

Εκπαίδευση

Πανεπιστήμιο	Πτυχίο	Έτη	Γνωστικό αντικείμενο
Τμήμα Μοριακής Βιολογίας και Γενετικής, Δημοκρίτειο Πανεπιστήμιο Θράκης	Υποψήφια Διδάκτωρ	2013-	Βιοτεχνολογία
Τμήμα Μοριακής Βιολογίας και Γενετικής, Δημοκρίτειο Πανεπιστήμιο Θράκης	BSc	2013	Μοριακή Βιολογία και Γενετική
Σχολές Θετικών Επιστημών, Τμήμα Βιολογίας & Ιατρική Σχολή Αθηνών, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών	MSc	2005	Εφαρμογές Βιολογίας στην Ιατρική
Σχολές Επαγγελματιών Υγείας και Πρόνοιας, Τεχνολογικό Ίδρυμα Αθήνας	BSc	1999	Τεχνολόγος Ιατρικών Εργαστηρίων

Επιστημονική δράση/στόχοι:

- Λειτουργικά τρόφιμα
- Εφαρμογή καινοτόμων βιοτεχνολογικών μεθόδων με στόχο την βελτίωση της ποιότητας των τροφίμων.

Υποτροφίες-Διακρίσεις:

Η κα. Μητροπούλου εργάζεται ως ερευνήτρια στα παρακάτω ερευνητικά προγράμματα:

1. ΔΡΑΣΗ ΣΥΝΕΡΓΑΣΙΑ ΙΙ: 11ΣΥΝ_2_566-Νέα λειτουργικά τρόφιμα με ευεργετικές επιδράσεις στην υγεία που περιέχουν βιοενεργά αιθέρια έλαια από Ελληνικά ενδημικά φυτά. **Φορέας Χρηματοδότησης:** ΓΓΕΤ και οι

επιχειρήσεις ΕΒΓΑ Α.Ε. και ΒΙΟΡΥΛ Α.Ε. **Προϋπολογισμός:** 1.184.000€. **Συντονιστής:** Ι. Κουρκουτάς. **Επ. Υπεύθυνος:** Α. Χλίχλια. **Έναρξη/Λήξη:** Αύγουστος 2013-Ιούνιος 2015. **Θέση στο Έργο:** Ερευνήτρια.

2. ΔΡΑΣΗ ΣΥΝΕΡΓΑΣΙΑ ΙΙ: 11ΣΥΝ_2_571-Λειτουργικά γαλακτοκομικά προϊόντα και προϊόντα κρέατος υψηλής προστιθέμενης αξίας με νέα στελέχη προβιοτικών μικροοργανισμών που θα απομονωθούν από παραδοσιακά ελληνικά προϊόντα. **Φορέας Χρηματοδότησης:** ΓΓΕΤ σε συνεργασία με τις επιχειρήσεις ΝΙΚΑΣ Α.Ε., ΟΙΚΟΦΑΡΜΑ Α.Ε και ΡΟΔΟΠΗ Α.Ε. **Προϋπολογισμός:** 1.580.000€. **Συντονιστής-Επ. Υπεύθυνος:** Χ. Τάσσου. **Έναρξη/Λήξη:** Οκτώβριος 2013-Ιούνιος 2015. **Θέση στο Έργο:** Ερευνήτρια.

3. ΔΡΑΣΗ ΔΙΜΕΡΗΣ, ΠΟΛΥΜΕΡΕΙΣ ΚΑΙ ΠΕΡΙΦΕΡΙΑΚΕΣ Ε&Τ ΣΥΝΕΡΓΑΣΙΕΣ, ΠΡΑΞΗ ΔΙΜΕΡΗΣ Ε&Τ ΣΥΝΕΡΓΑΣΙΑ ΕΛΛΑΔΑΣ-ΚΙΝΑΣ 2012-2014: 12CHN_409-Βιολογικά ενεργά αιθέρια έλαια και άλλες ευεργετικές για την υγεία ουσίες από Ελληνικά και Κινέζικα ενδημικά φυτά. **Φορέας Χρηματοδότησης:** ΓΓΕΤ και οι επιχειρήσεις ΒΙΟΡΥΛ Α.Ε. και ΠΑΧΜΑΝ ΕΠΕ. **Προϋπολογισμός:** 560.000€. **Συντονιστής:** Ε. Παπαβασιλοπούλου. **Επ. Υπεύθυνος:** Ι. Κουρκουτάς. **Έναρξη/Λήξη:** Δεκέμβριος 2012-Σεπτέμβριος 2015. **Θέση στο Έργο:** Ερευνήτρια.

4. ΔΡΑΣΗ ΕΘΝΙΚΗΣ ΕΜΒΕΛΕΙΑΣ «ΕΝΙΣΧΥΣΗ ΝΕΩΝ ΚΑΙ ΜΙΚΡΟΜΕΣΑΙΩΝ ΕΠΙΧΕΙΡΗΣΕΩΝ», Πράξη «Υποστήριξη Νέων Επιχειρήσεων για Δραστηριότητες Έρευνας & Τεχνολογικής Ανάπτυξης»: 17NEWB2012-Χρήση βιολογικά ενεργών αιθέρων ελαίων στην παραγωγή αλκοολούχων ποτών και προϊόντων ζαχαροπλαστικής με πιθανές ευεργετικές ιδιότητες στην υγεία. **Φορέας Χρηματοδότησης:** ΕΥΔΕ-ΕΤΑΚ (ΓΓΕΤ) και η επιχείρηση ΤΕΝΤΟΥΡΑ ΚΑΣΤΡΟ Ο.Ε. **Προϋπολογισμός:** 190.000€. **Επ. Υπεύθυνος:** Ε. Κατσιγιάννη. **Επ. Υπεύθυνος Υπεργολαβίας:** Κ. Φυλακτακίδου-Ι. Κουρκουτάς. **Έναρξη/Λήξη:** Νοέμβριος 2012-Ιανουάριος 2015. **Θέση στο Έργο:** Ερευνήτρια.

5. Βραβείο Gustafson (award for best PhD student published paper) για το άρθρο που δημοσιεύτηκε στο περιοδικό *Microbial Ecology in Health and Disease Journal* το 2015: Mitropoulou et al. 2015, *Microbial Ecology in Health & Disease* 26: 26543.

Δημοσιεύσεις:

Δημοσιεύσεις σε επιστημονικά περιοδικά (επιλεγμένες):

1. Fitsiou, E.; Mitropoulou, G.; Spyridopoulou, K.; Tiptiri-Kourpeti, A.; Vamvakias, M.; Bardouki, H.; Panayotidis, M.; Galanis, A.; Kourkoutas, Y.; Chlichlia, K.; Pappa, A. Phytochemical profile and evaluation of the biological activities of essential oils derived from the Greek aromatic plant species *Ocimum basilicum*, *Mentha spicata*, *Pimpinella anisum* and *Fortunella margarita*. *Molecules*, 2016, 21 1069; [doi:10.3390/molecules21081069](https://doi.org/10.3390/molecules21081069).

2. Mitropoulou, G.; Fitsiou, E.; Stavropoulou, E.; Papavassilopoulou, E.; Vamvakias, M.; Pappa, A.; Oreopoulou, A.; Kourkoutas, Y. Composition, antimicrobial, antioxidant, and antiproliferative activity of *Origanum dictamnus* (dittany) essential oil. *Microbial Ecology in Health & Disease* 2015, 26: 26543.

3. Mitropoulou, G.; Nedovic, V.; Goyal, A.; Kourkoutas, Y. Immobilization technologies in probiotic food production. *Journal of Nutrition and Metabolism*, 2013. <http://dx.doi.org/10.1155/2013/716861>.

4. Kanellopoulou, M.; Martsoukou, M.; Skarmoutsou, N.; Haralampopoulou, A.; Kamperogianni, M.; Mitropoulou, G.; Papafrangas, E. Detection of vancomycin-resistance genes of resistant enterococci, to commercially available hybridization method. *Acta Microbiologica Hellenica*, 2003, 48 29 -33.

Ανακοινώσεις σε διεθνή συνέδρια (επιλεγμένες):

1. Μητροπούλου, Γ.; Χωριανόπουλος, Ν.; Αργυρή Α.; Παπαδοπούλου, Ό.; Τάσσου, Χ.; Κουρκουτάς, Ι. Αξιολόγηση του *Lactobacillus plantarum* T-571 ως πιθανή προβιοτική καλλιέργεια για παραγωγή Ελληνικού

τυριού τύπου φέτας και χαρακτηρισμός της μικροβιακής χλωρίδας με Next Generation Sequencing. Ημέρες Χημείας Τροφίμων 2015-Λειτουργικά Τρόφιμα, Αθήνα, Ελλάδα, 26-27 Νοεμβρίου 2015.

2. Choulitoudi, E.; Bravou, K.; Bimpilas, A.; Tsironi, T.; Mitropoulou, G.; Tsimogiannis, D.; Kourkoutas, Y.; Taoukis, P.; Oreopoulou, V. Natural antioxidants and antimicrobials in edible and active packaging. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.

3. Bardouki, H.; Vamvakias, M.; Georganakis, D.; Mitropoulou, G.; Kourkoutas, Y. Characterization and antimicrobial properties of sweet basil (*Ocimum basilicum* L.) essential oil and hydrosol fractions. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.

4. Bardouki, H.; Vamvakias, M.; Papavassilopoulou, E.; Mitropoulou, G.; Kourkoutas, Y. Composition and antimicrobial properties of spearmint (*Mentha spicata*) essential oil and hydrosol fractions. 29th EFFoST International Conference, Athens, Greece, 10-12 November 2015.

5. Mitropoulou, G., Bimpilas, A., Tsimogiannis, D., Oreopoulou, V., Kourkoutas, Y. Antimicrobial properties of the essential oil, ethanol and ethyl acetate extract of *Satureja thympra* against food spoilage and pathogenic bacteria. 38th SOMED Congress "Human Microbiome: From the bench to health benefits", Verona, Italy, 11-13 October 2015 (p. 89).

6. Sidira, M.; Kiourtzidis, M.; Chorianopoulos, N.; Tassou, C.; Kaloutsas, S.; Mitropoulou, G.; Varzakas, T.; Kourkoutas, Y. Volatile compounds in probiotic yoghurts containing immobilized *Lactobacillus plantarum* 2035 on whey protein. 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications, Kalamata, Greece, 20-24 September 2015 (p. 115).

7. Mitropoulou, G.; Galanis, A.; Vamvakias, M.; Bardouki, H.; Kourkoutas, Y. Essential oils from Greek endemic species as antimicrobial agents against *Saccharomyces cerevisiae* and *Aspergillus niger* responsible for food spoilage. SGM - Irish Division Meeting: Microbial interfaces, Galway, Ireland, 17-19 June 2015.

8. Mitropoulou, G.; Papavassilopoulou, E.; Vamvakias, M.; Oreopoulou, A.; Kourkoutas, Y. Assessment of antibacterial properties of *Origanum onites* and *Origanum dictamnus* (*dittany*) essential oils against food spoilage and pathogenic species. SGM - Irish Division Meeting: Microbial Interfaces, Galway, Ireland, 17-19 June 2015.

9. Mitropoulou, G.; Vamvakias, M.; Bardouki, H.; Panas, P.; Kourkoutas, Y. A comparison study of antimicrobial properties of lousia (*Lippia citriodora*) and citrus (*Citrus medica*) essential oils against food spoilage and pathogenic bacteria. IJFST 50th Celebration Conference: The future of food innovation, nutrition and technology, Lincoln, New Zealand, 17-19 February 2015 (pp. 71-72).

10. Μητροπούλου, Γ.; Νικολάου, Α.; Μπιμπιλιάς, Α.; Τσιμογιάννης, Δ.; Ωραιοπούλου, Β.; Κουρκουτάς, Ι. Αντιμικροβιακή δράση αιθερίου ελαίου *Thymus capitatus* έναντι τροφιμογενών βακτηρίων. 9^ο Πανελληνίου συνεδρίου "Το περιβάλλον και ο άνθρωπος", Αθήνα, Ελλάδα, 5-7 Δεκέμβριος 2014 (pp. 51-58).

11. Mitropoulou, G.; Chachalis, P.; Panas, P.; Kiourtzidis, M.; Kourkoutas, Y. A comparison study of antimicrobial properties of Cinnamon and Chios mastic gum essential oils against foodborne pathogens. Annual Conference and Exhibition on Functional Foods, Nutraceuticals, Natural Health Products and Dietary Supplements, Istanbul, Turkey, 14-17 October 2014 (p. 201).

12. Mantzourani, I.; Panopoulou, M.; Stauropoulou, E.; Papaemmanouil, V.; Dimitriou, M.; Theodoridou, I.; Mitropoulou, G.; Bezirtzoglou, E. Evaluation of the antimicrobial susceptibility profiling of tigecycline and other antibiotics against clinical isolates. Anaerobe, Chicago, USA, 28 June-1 July 2014 (p. 57).

6. Mitropoulou, G., Vamvakias, M., Bardouki, H., Panas, P., Kourkoutas, Y. Assessment of antimicrobial properties of basil essential oil against foodborne pathogens. Anaerobe, Chicago, USA, 28 June-1 July 2014 (p.182).
13. Mitropoulou, G.; Vamvakias, M.; Bardouki H.; Panas P.; Kourkoutas Y. Assessment of antimicrobial properties of Chios mastic gum essential oil against foodborne pathogens. Anaerobe, Chiacago, USA, 28 June-1 July 2014 (p.161).
14. Mitropoulou, G.; Galanis, A.; Vamvakias, M.; Bardouki, H.; Kourkoutas, Y. Assessment of antimicrobial properties of spearmint essential oil against foodborne pathogens. 3rd International ISEKI_Food conference, Athens, Greece, 21-23 May 2014 (p. 127).
15. Mitropoulou, G.; Nikolaou, A.; Bimpilas, A.; Tsimogiannis, D.; Oreopoulou, V.; Kourkoutas, Y. Antimicrobial activity of *Origanum vulgare* ssp. *hirtum* (carvacrol chemotype) essential oil against foodborne pathogenic bacteria. 36th Scientific Conference of Hellenic Association for Biological Sciences, Ioannina, Greece, 8-10 May 2014 (p. 227).
16. Vasileiadis, S.; Fitsiou, E.; Saxami, G.; Tiptiri-Kourpeti, A.; Spyridopoulou, K.; Mitropoulou, G.; Vekiari, S.; Galanis, A.; Pappa, A.; Chlichlia, K. Evaluation of potential biological effects of cranberry juice. 36th Scientific Conference of Hellenic Association for Biological Sciences, Ioannina, Greece, 8-10 May 2014 (p. 29).
17. Sidira, M.; Ypsilantis, P.; Charalampopoulos, D.; Saxami, G.; Mitropoulou, G.; Galanis, A.; Simopoulos, C.; Kourkoutas, Y. Assessment of potential probiotic attributes of immobilized *Lactobacillus casei* ATCC 393. International Conference in Biotechnology and Bioinformatics, ICABB, Pune, India, 25-27 November 2013 (p. B52-B53).
18. Sidira, M.; Mitropoulou, G.; Galanis, A., Kourkoutas, Y. Immobilized probiotic starter cultures for probiotic meat products with enhanced resistant to microbial spoilage. International conference on Health, Environment and Industrial Biotechnology, Biosangam, Allahabad, India, 21-23 November 2013 (p.414).
19. Mitropoulou, G.; Santarmaki, V.; Panas, P.; Michalopoulos, I.; Kourkoutas, Y. An Economic Evaluation for Production of dried probiotic immobilized starter culture using whey. International conference on Health, Environment and Industrial Biotechnology, Biosangam, Allahabad, India, 21-23 November 2013 (p.441).
20. Mitropoulou, G.; Georgalis, A.; Tsakanika, K.; Rebelakos, A.; Apostolikas, N.; Thanos, A.; Panotopoulou, E. bcl-2, bax expression in prostate carcinogenesis. 29th Congress of the Societe Internationale d' Urologie, Paris, France, 2-6 September 2007, 70(3A) (p. 245).
21. Mitropoulou, G.; Georgalis, A.; Tsakanika, K.; Rebelakos, A.; Apostolikas, N.; Thanos, A.; Panotopoulou, E. Bag-1 and bax expression in benign prostatic hyperplasia and prostate cancer. 29th Congress of the Societe Internationale d' Urologie, Paris, France, 2-6 September 2007, 70(3A) (p.130).
22. Skarmoutsou, N.; Kanellopoulou, M.; Martsoukou, M.; Fakiri, H.; Margeti, E.; Mitropoulou, G.; Papafrangas, E. Trends in resistance of *P. aeruginosa* isoletes from lower respiratory tract over a five year period (1998–2002) in a tertiary adults hospital. 14th European Congress of Clinical Microbiology and Infectious Diseases Prague, Czech Republic, 1-4 May 2004, 10(3) (p. R1929).