

CURRICULUM VITAE
DR CHRISOULA VOIDAROU
LABORATORY OF ANIMAL HEALTH
SCHOOL OF AGRICULTURE
DEPARTMENT OF ANIMAL PRODUCTION
TEI OF EPIRUS

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MARITAL STATUS: MARRIED, 1 Children

EDUCATION AND TITLES

DOCTORAL THESIS	1997-2001	UNIVERSITY OF IOANNINA, SCHOOL OF MEDICINE Specialty: Microbiology-Food Microbiology, Environmental microbiology, Microbial Ecology
MASTER OF SCIENCE	2003-2006	UNIVERSITY OF IOANNINA FACULTY OF CHEMISTRY Biochemistry, Immunochemistry, Microbial Biotechnology
MASTER OF SCIENCE	2007-2008	NATIONAL SCHOOL OF PUBLIC HEALTH M.P.H. , Public Health
DEGREE IN VETERINARY MEDICINE	1989-1995	ARISTOTLE UNIVERSITY OF THESSALONIKI, SCHOOL OF VETERINARY MEDICINE
DEGREE IN MEDINE	1996-2003	UNIVERSITY OF IOANNINA

OCCUPATIONAL EXPERIENCE

PAST OCCUPATIONS

- Department of Veterinary Medicine, Prefecture of Arta, Epirus Greece,
Public Sector
Specialty: Veterinarian
Duration of Service: 11 years and 1 month

- Technological Institute Of Epirus,
Specialty: Scientist- associate
Duration: from 1996 up to date

CURRENT OCUPATION

Department of Public Health- Prefecture of Arta
Public Sector
Specialty: Medical Doctor-Public Health

RESEARCH INTEREST

1. Studies on the behavior of farm animals according to the physiological state, the breeding method and the health status
2. Interactions between nutrition and immunological responses
3. Functional food, natural growth promoters, Microbiome.

TEACHING EXPERIENCE

- Scientist- associate in Animal Health and Animal Microbiology(1st, 2nd, 3rd year students)
- Scientist- associate in Animal Health and Animal Physiology (1st, 2nd, 3rd year students)
- Scientist- associate in Foods, Nutrition & Public Health (University of Ioannina, Department of Agriculture) (4rd year students)
- Post Graduate Program in Agriculture and Environment (1st – 2th semester)

SCIENTIFIC PROJECTS

1. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, Project No 10008-8, “Behaviour and immunology interrelation in sheep mammary gland infections at the milking period. 1-3-2004 - 31-12-2008.
2. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, project No 10010-3., Study of the antioxidant function of isolated aromatic molecules of *Oregano vulgare* L. spp *hirtum* (Greek variety) in vitro και in vivo. 1-1-2004 - 31-12-2008.
3. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, project No 10012-2. Agriculture, environment and biodiversity in agricultural ecosystems of Western Greece. 1-1-2004 - 31-12-2008.

4. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, project No 10007-8. Detection and evaluation of agrochemical pollution from agricultural practices in Amvrakikos ecosystem. 1-3-2005 έως 31-12-2008.

Publications

1. Food-borne intestinal bacterial pathogens,
Eugenia Bezirtzoglou, Vassiliki Maipa, Chrissoula Voidarou, Arsenis Tsiotsias and Maria Papapetropoulou
Microbial Ecology in Health and Disease
2001/13/147-152.
2. Bacterial Indicators and Metal Ions in High Mountain Lake Waters.
Savvaidis, Th., Kegos, C. Papagiannis, C. Voidarou, A. Tsiotsias, V. Maipa, V. Kalfakakou, A. Evangelou and E. Bezirtzoglou
Microbial Ecology in Health and Disease 2000/2S/96-104
3. Influence of psychological stress on the fecal carriage of indicator bacteria.
Bezirtzoglou E. , Konstadi M. , Voidarou C. , Kostakis D. , Marselos M.
Microecology and Therapy, 2001/28 /49-53
4. Occurrence of *C.perfringens* in traditional herbal plants
Kyriacou A. , Voidarou C. , Tsiotsias A. , Tassiopolou S. , Kotsou M. , Andrikopoulos N. , Bezirtzoglou E.
Microecology and Therapy, 2001 / 30
5. Repeated – stress alterations in intestinal microflora.
Tsiotsias A., Voidarou C., Skoufos I., Simopoulos C., Konstadi M., Bezirtzoglou E.
Microbial Ecology in Health and Disease, 2003/52/93-95
6. Influence of *Lactobacillus casei* strains on the adhesion and invasion capacity of some opportunistic bacterial strains to HeLa cell line.
Lazar V., Bezirtzoglou E. , Vezyraki P., Voidarou C., Tsiotsias A., Bulai D., Cernat R. , Herlea V. Microecology and Therapy, 2003
7. Complementary peptide epitopes and anti-idiotypic antibodies in autoimmunity
Sakarellos- Daitisiotis M., Manh- Thong C., Sakarellos C., Zouhair El H., Kosmopoulou A. and Voitharou C. Protein and Peptide Letters 2004/11/367-375
8. A peptide carrier with a built-in vaccine adjuvant: construction of immunogenic conjugates.
Krikorian D, Panou – Pomonis E, Voitharou C, Sakarellos C, Sakarellos- Daitisiotis M.
Bioconjug Chem. 2005/16(4)/812-19
9. Occurrence of *Bifidobacterium* in the intestine of newborns by fluorescence in situ hybridization.

Bezirtzoglou E., Maipa V., Chotoura N., Apazidou E., Tsiotsias A., Voidarou C., Kostakis D. Comparative immunology, microbiology and infectious diseases 2006, 29(5-6):345-52

10. Antibiotic resistance profiles and integrons in Enterobacteriaceae from the riverside of Evros-Ardas with respect to chemical and waste pollution
Athanasios Alexopoulos, Chrissa Voidarou, Cristos Stefanis, Ioannis Papadopoulos, Stavros Vavias, Arsenis Tsiotsias, Eleni Kalkani, Ekaterina Charvalos, Eugenia Bezirtzoglou
Microbial Ecology in Health and Disease. 2006; 18: 170-176
11. Stress modifies the vaginal flora in cyclic female rats
Maria Konstandi, Chrissa Voidarou, Aikaterini Papadaki, Arsenis Tsiotsias, Olga Kotsovolou, Evaggelos Evangelou, Eugenia Bezirtzoglou
Microbial Ecology in Health and Disease. 2006; 18: 161-169
12. Effects of Machine-milking on the Bacterial Flora of Teat Duct and Mammary Gland of Ewes
I. Skoufos, Ch. Voidarou, E. Bezirtzoglou and A. Tzora, J. Vet. Med.
J. Vet. Med. B 53, 499–501 (2006)
13. EXPERIMENTAL EFFECT OF OZONE UPON SOME INDICATOR BACTERIA FOR PRESERVATION OF AN ECOLOGICALLY PROTECTED WATERY SYSTEM.
Voidarou C., Tzora A., Skoufos I., Vassos D., Galogiannis G., Alexopoulos A. and Bezirtzoglou E.
Water, Air, & Soil Pollution. 2007, 181(1-4); 161-171.
14. Aerobic and Anaerobic Microbiology of the Immersion Chilling Procedure during Poultry Processing.
C. Voidarou, D. Vassos, T. Kegos, A. Koutsotoli, A. Tsiotsias, J. Skoufos, A. Tzora, V. Maipa, A. Alexopoulos, E. Bezirtzoglou. Poultry Science. 2007 Jun ;86 (6):1218-22
15. Hormone Therapy Alters the Composition of the Vaginal Microflora in Ovariectomized Rats

- E. Bezirtzoglou , Ch. Voidarou , A. Papadaki , A. Tsiotsias , O. Kotsovolou , M. Konstandi. *Microb Ecol.* DOI 10.1007/s00248-007-9317-z
16. Development of human lactic acid (LAB) gastrointestinal microbiota in a Greek rural population
Dimitrios Vassos, Vassiliki Maipa, Chrysa Voidarou, Athanasios Alexopoulos, Eugenia Bezirtzoglou. *Cent. Eur. J. Biol.* 3(1) • 2008 • 55-60
17. A complementary La/SSB epitope anchored to Sequential Oligopeptide Carrier regulates the anti-La/SSB response in immunized animals
C. VOITHAROU, D. KRIKORIAN, C. SAKARELLOS, M. SAKARELLOS-DAITSIOTIS and E. PANOU-POMONIS. *J. Pept. Sci.* 2008; 14: 1069–1076
18. Εναλλακτικοί μέθοδοι επεξεργασίας ποσίμων υδάτων.
Λεοτσινίδης Μ., Αλεξόπουλος Α., Σχινιάς Β., Μέντζος Θ., Μπεζιρτζόγλου Ε., Βοΐδαρου Χ. Τμητικός Τόμος εις μνήμη του καθ. Σιδέρη (υπο έκδοση). 2008
19. Επιβάρυνση της μικροβιολογικής ποιότητας του υδάτινου περιβάλλοντος.
Επιστημονική Επετηρίδα του Τμήματος Δασολογίας και Διαχείρισης Περιβάλλοντος και Φυσικών Πόρων.
Βοΐδαρου Χ, Μπεζιρτζόγλου Ε. Τόμος Ι. ISBN 978-960-89345-4-2, σελ 621-628. 2008
20. SURVEY OF PROBIOTIC ENTEROCOCCI FROM TRADITIONAL DAIRY PRODUCTS AND THEIR IMPACT UPON THE INFANT INTESTINAL MICROBIOTA.
D. Vassos, E. Bezirtzoglou, C. Voidarou, A. Alexopoulos and V. Maipa THE JOURNAL OF GENERAL AND APPLIED MICROBIOLOGY. 55, 311-315, 2009
21. Apparent antibiotic misuse in environmental ecosystems and food
Eugenia Bezirtzoglou ; A. Alexopoulos ; C. Voidarou Microbial Ecology in Health and Disease 2008; 20:197 – 198
22. Antibiotic profile of common pathogens related to food safety and health
C. Voidarou, A. Alexopoulos, S. Plessas and E. Bezirtzoglou Ege Academic Review 9(3) 2009: 961-967
23. Biochemical and antimicrobial profile of *E. faecium* and *E. faecalis* isolated from traditional dairy products and infant intestinal microbiota
D. Vassos, E. Bezirtzoglou, C.. Voidarou, A. Alexopoulos and V. Maipa

24. Effects of an oregano based product dietary supplement on performance of broiler chickens, experimentally infected with *Eimeria acervulina* and *Eimeria maxima*. A. Tsinas, I. Giannenas, Ch. Voidarou, A. Tzora, J. Skoufos. (2011). The Journal of Poultry Science.
25. Microbial ecology of fish species on-growing in Greek sea farms and their watery environment.
A. Alexopoulos, S Plessas, C Voidarou, H Noussias, E Stavropoulou, I Mantzourani, A Tzora, I Skoufos and E Bezirtzoglou Anaerobe (2011)
- Antibiotic activity of tigecycline against clinical pathogens by the micro dilution method.
I Mantzourani, S Plessas, A Alexopoulos, C Voidarou and E Bezirtzoglou Anaerobe (2011)
26. Application of novel starter cultures for sourdough bread production.
S Plessas, A Alexopoulos, I Mantzourani, A Koutinas, C Voidarou, E Stavropoulou and E Bezirtzoglou Anaerobe (2011)
27. Microbial ecology and quality assurance in food fermentation systems. The case of kefir grains application. S Plessas, A Alexopoulos, C Voidarou, E Stavropoulou and E Bezirtzoglou Anaerobe (2011)
29. Microbiological quality of grey-mullet roe.
C Voidarou, A Alexopoulos, S Plessas, H Noussias, E Stavropoulou, K Fotou, A Tzora, I Skoufos, E Bezirtzoglou and K Demertzi-Akrida Anaerobe (2011)
30. Antibacterial activity of different honeys against pathogenic bacteria.
C Voidarou, A Alexopoulos, S Plessas, A Karapanou, I Mantzourani, E Stavropoulou, K Fotou, A Tzora, I Skoufos and E Bezirtzoglou Anaerobe (2011)
31. Isolation of microbial pathogens of subclinical mastitis from raw sheep's milk of Epirous (Greek) and their role in its hygiene.
K Fotou, A Tzora, Ch Voidarou, A Alexopoulos, S Plessas, I Avgeris, P G Demertzis, E Bezirtzoglou and K Demertzi-Akrida Anaerobe (2011)
32. Occurrence of *Clostridium perfringens* from different cultivated soils.
C Voidarou, E Bezirtzoglou, A Alexopoulos, S Plessas, C Stefanis, I Papadopoulos, S Vavias, E Stavropoulou, K Fotou, A Tzora and I Skoufos Anaerobe (2011)

33. Physical, chemical and microbiological quality of ice used to cool drinks and foods in Greece and its public health implications.
V.Gerokomou, C.Voidarou, A. Vatopoulos, E.Velonakis, A.Tzora, J.Skoufos, G.Rozos, A. Alexopoulos, S. Plessas, E.Bezirtzoglou, P.G. Demertzis and K.Demertzi- Akrida Anaerobe (2011)
34. Chemical and microbiological characterization of artisan inoculants used for the fermentation of traditional dairy products in Epirus area, Greece
C. Voidarou, A.Tzora, K.Demertzi- Akrida, D. Vassos, G. Rozos, A. Alexopoulos, S. Plessas, K. Fotou, J. Skoufos and E. Bezirtzoglou Anaerobe (2011)
35. Microbial challenges of poultry meat production
C.Voidarou , D. Vassos, G.Rozos, A. Alexopoulos, S. Plessas, A. Tsinas, M.Skoufou, E. Stavropoulou and E.Bezirtzoglou Anaerobe (2011)
36. Isolation and identification of Lactic Acid Bacteria from raw poultry meat
C.Voidarou, D. Vassos, G.Rozos, I.Anagnostopoulou, S.Plessas, J.Skoufos, A. Tsinas, O. Malamou, P.G. Demertzis, K. Akrida - Demertzi, A. Alexopoulos and E.Bezirtzoglou Anaerobe (2011)
37. Modified Atmosphere Packaging Failure and Its Effect on the Microbiological Quality of the Product
Chryssa Voidarou, Georgios Rozos, Athanasios Alexopoulos, Stavros Plessas, Elisabeth Stavropoulou, Panagiotis G. Demertzis, Konstantina Akrida-Demertzi and Eugenia Bezirtzoglou
Journal of Food Science and Engineering 2 (2012) 336-340
38. Principal methods for isolation and identification of soil microbial communities
Christos Stefanis, Athanasios, Alexopoulos, Chrissa Voidarou, Stavros Vavias & Eugenia Bezirtzoglou. Folia Microbiologica. DOI 10.1007/s12223-012-0179-5. 2012.
39. Evaluation of Ozone Efficacy on the Reduction of Microbial Population of Fresh Cut Lettuce (*Lactuca sativa*) and Green Bell Pepper (*Capsicum annum*). Alexopoulos A., Plessas S., Ceciu S., Lazar V., Mantzourani I., Voidarou C., Stavropoulou E, Bezirtzoglou E. (2013). Food Control, 30: 491-496.

40. Current Solutions for the Interception of Quorum Sensing in *Staphylococcus aureus*. Cotar AI., Ionescu B., Pelinescu D., Voidarou C., Lazar V., Bezirtzoglou E., Chifiriuc MC. (2013). *Current Organic Chemistry*, Volume 17, Number 2, January 2013 , pp. 97-104(8).
41. Prevalence of *C. perfringens* in agricultural fields with different vegetation types. Stefanis C., Alexopoulos A., Voidarou C., Vavias S., E. Bezirtzoglou E. (2013). *Folia Microbiologica*, 59(1):1-4.
42. Results of challenge of goats with *Staphylococcus aureus* into the teat of the udder. Tzora A., Voidarou C., Karamoutsios A., Skoufos J. *J Hellenic Vet Med Soc.* (2016), 67(4) p. 237-242.
- 43 The Variation of Crude Protein and Total Fat of the Main Grassland Plants, in Various Stages of Growth, in “Kostilata” Subalpine Grassland in Theodoriana, Arta, Greece”. Koutsoukis Ch., Akrida - Demertzi K., Demertzis P. G., Roukos Ch., Voidarou Ch. and S. Kandrelis. *Ekin Journal of Crop Breeding and Genetics*, 2016, 2(2), p. 69-75.
44. Emerging Antibiotic Resistance in Honey as a Hazard for Human Health". Bezirtzoglou E., Voidarou C., Stavropoulou E., Kourkoutas Y., Alexopoulos A., Plessas S., Varzakas T. (2016). *Journal of Bacteriology & Mycology*. 2(1): 00012. DOI: 10.15406/jbmoa.2016.02.00012.
45. Experimental effect of ozone upon the microbial flora of commercially produced dairy fermented products. Alexopoulos A., Plessas S., Kourkoutas Y., Stefanis C., Vavias S., Voidarou C., Mantzourani I., Bezirtzoglou E.(2017). *International Journal of Food Microbiology*, 246, 5–11.
46. Effect of The Composition of Grazing Matter on The Quality Characteristics of The Traditional Greek Dairy Product “Tsalafouti”. Koutsoukis C., Voidarou C., Demertzis P.G., Akrida – Demertzi K. (2017). *Journal of Environmental Science, Toxicology and Food Technology*, 11(12): 79–84.
47. Prevalence and resistance of bacterial strains isolated from chicken beddings in rural households. Dermatas A., Voidarou C., Akrida – Demertzi K., Demertzis P.G. (2017). *IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS)*, e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 10, Issue 1 Ver. I (January. 2017), PP 23-28.
48. Biodiversity and Microbial Resistance of Lactobacilli Isolated From the Traditional Greek Cheese Kopanisti. Rozos G., Voidarou C., Stavropoulou E., Skoufos I., Tzora A., Alexopoulos A. and Bezirtzoglou E. (2018). *Frontiers in Microbiology*, doi: 10.3389/fmicb.2018.00517.

49. Comparative susceptibility study against pathogens using fermented cranberry juice and antibiotics. Mantzourani, I., Bontsidis, C., Plessas, S., Alexopoulos, A., Theodoridou, E., Tsigalou, C., Voidarou C., Douganiotis G., Kazakos S., Stavropoulou E., Bezirtzoglou, E. (2019). *Frontiers in microbiology*, 10, 1294.
50. Combined action of piperitenone epoxide and antibiotics against clinical isolates of *Staphylococcus aureus* and *Escherichia coli*. Alexopoulos A., Kimbaris A., Plessas S., Mantzourani I., Voidarou C., Pagonopoulou O., Tsigalou C., Fournomiti M., Bontsidis C., Stavropoulou E., Bezirtzoglou, E. (2019). *Frontiers in Microbiology*, 10, 2607.
51. Antibacterial properties of the Greek oregano honey against *Helicobacter pylori*. Chrysa Voidarou, Athanasios Alexopoulos, Georgios Rozos, Stavros Plessas, Ioanna Mantzourani, Elisavet Stavropoulou, Christina Tsigalou, Athina Tzora, Eugenia Bezirtzoglou (2020). *Journal of Medicinal Food* (Under Review).
52. Mediterranean diet as a tool to combat inflammation and Chronic diseases. A overview". Christina Tsigalou, Theoharis Konstantinidis, Afrodite Paraschaki, Elisavet Stavropoulou, Chrysa Voidarou, Eugenia Bezirtzoglou (2020). Manuscript ID: Biomedicines-828778 - Special Issue: Microbial Ecology in Health and Disease (Under Review).
53. Effects of antibiotics upon the gut microbiome: A review of the literature. Eugenia Bezirtzoglou, Elisavet Stavropoulou, Theoharis Konstantinidis, Chrysa Voidarou, Alexandros Karvelas, Christina Tsigalou (2020). Manuscript ID: Biomedicines-827912 - Special Issue: Microbial Ecology in Health and Disease (Under Review).