

Personal Information

- Date of Birth: 2/12/1967
- Nationality: Greek
- Current position: Assistant Professor of Bacteriology, Agricultural University of Athens, School of Animal Science and Aquaculture

Training

- 1992: Graduation from Aristotelian University of Thessaloniki, School of Veterinary Medicine.
- 1993: Graduation from the University of London, Royal Veterinary College, Department of Master's in Veterinary Microbiology
 - 1999: PhD Graduation from the Aristotelian University of Thessaloniki, School of Veterinary Medicine, Laboratory of Microbiology.

Awards/Recognition:

1. 1st Congress Award, 7th Hellenic medical Congress of Thoracic Diseases, 1997, Thessaloniki, Greece.
2. 2nd Congress Award, 25th Hellenic Medical Congress, 1999, Athens, Greece.
3. 1st Athens Academy Award for the publication "Effects of p53 mutants derived from lung carcinoma on the p53 responsive element of the MDM2 gene", 1999, Athens, Greece.
4. 1st Congress Award. 9th Hellenic veterinary Congress, 2002, Thessaloniki, Greece.
5. Award for the most innovative study, 2nd Hellenic Congress of Inflammatory Bowel Disease, 2003, Athens, Greece.
6. 2nd Award for the best oral presentation, 24th Hellenic Congress of Gastroenterology, 2004, Athens, Greece.
7. Best poster, 12th World Congress of the International Society for Animal Health, 2005, Poland.
8. President of the Scientific Committee of the European Congress organized within the frame of the activity "Veterinary Network of Laboratories Researching into Improved Diagnosis and Epidemiology of Mycobacterial Diseases", in Athens, May 2007.
9. Invited speaker for participation in a Round Table, 2nd Hellenic Congress "Modern Dietary Challenges for the Safety and Quality of Food", 6-8 June 2008, Thessaloniki, Greece.
10. External member of the ISOGEN Committee (International Society for Genomic and Evolutionary Microbiology) for the nomination of the awardees of the Pasteur Veterinary Award 2008.
11. Member of the Editorial Advisory Board of "The Open Biomarkers Journal".
12. Evaluator for proposals submitted under the Framework Programme for Research, Technological Development and Innovation 2009-2010 (DESMI 2009-2010).
13. Member of the Editorial Board of Journal of Infectious Diseases and Immunity.

Patents

1. Inventor of a granted National (No. 20030100421) and International patent (PCT/GR2004/000051) for a one-tube nested PCR assay designed for the detection of *Mycobacterium avium* subsp *paratuberculosis*.

2. Inventor of a European Patent Application (6/3/2009 EP 09003292.1.) titled "PARATUBERCULOSIS SUSCEPTIBILITY TEST" that refers to the sequencing of the caprine NRAMP1 gene (Accession EU283410).
3. Inventor of a European Patent Application (18/9/2009 EP 090032.1-1223) titled "Mycobacterial detection", that refers to the application of gold nanoparticles for the detection of mycobacterial pathogens.

International Research Projects

Coordinator of the following EU funded projects:

- FA-ST 8241, Improvement of Salmonella control in animal feeds based on the molecular and biochemical analysis of the product.
- QLRT-1999-30928, Improvement of Prevention Diagnosis and Treatment of sarcoidosis and Crohn's disease.
- LSHB-CT-2007-036812, Multiparametric detection of bio-molecule conjugated nanoparticles for the diagnostic investigation of mycobacterial infections of humans and animals.
- EL067, Assessment of the biosafety of child food of animal origin in Greece.

Publications

1. Cloning of overlapping peptide fragments of *Brucella suis*, Heat Shock Protein 62 and their use as antigens in ELISA tests. J. A. Ikonomopoulos Dissertation submitted at the Royal Veterinary College, University of London, 1992.

2. The use of Molecular Biology in Food Microbiology. Ikonomopoulos J., Tsilfidis I., Papakostaki D. Archives of the Hellenic Microbiology Society, (1997), 42 (4):493-502.

3. Application of Molecular Biology techniques to the diagnosis and epidemiology study of tuberculosis. Ikonomopoulos J.A. PhD Thesis, 1999.

4. Multiplex PCR assay for the detection of Mycobacterial DNA directly from sputum. Ikonomopoulos J.A., Gorgoulis V., Zacharatos P., Kotsinas A., Tsoi E., Karameris A., Panagou P., Kittas Ch. In Vivo, (1998), 12: 547-552.

Citations: 4

5. Multiplex PCR assay for the detection of mycobacterial DNA sequences in cases with clinicopathological evidence of tuberculosis and sarcoidosis. Ikonomopoulos J.A., Gorgoulis V., Zacharatos P., Kanavaros P., Rassidakis A., Kittas Ch. Modern Pathology, (1999), 12 (9): 854-862.

Citations: 32

6. Application of a novel methodology for the detection and identification of mycobacteria in paraffin embedded archive material with granulomatous lesions. Ikonomopoulos J. Hellenic Medical Archives, (1999) 16(4): 356-367.

7. Molecular diagnostic investigation of mycobacterial infections. Ikonomopoulos J.2

Archives of Pathology, (1999) 1(7): 11-12.

8. Experimental Inoculation of Laboratory Animals with Samples Collected from Sarcoidal Patients and Molecular Diagnostic Evaluation of the Results. Ikonomopoulos J.A., Gorgoulis V.G., Kastrinakis N.G., Galanos A.A., Karameris A., Kittas Ch. In Vivo, (2000), 14: 761-766.

Citations: 2

9. Sensitive Differential Detection of Genetically Related Mycobacterial Pathogens in Archival Tissue Material. Ikonomopoulos J.A., Gorgoulis V.G., Kastrinakis N.G, Zacharatos P., Kotsinas A., Tsakris A., Manolis E.N., Kittas C. American Jour of Clinical Pathology, (2000), 114:940-950.

Citations: 7

10. Effects of p53 mutants from lung carcinomas on the p53 responsive element (p 53RE) of the MDM2 gene. Gorgoulis V.G., Zacharatos P.V., Manolis E., Ikonomoulos J. A., Halazonetis T. D., Kittas C. British Journal of Cancer, (1998), 77(3):374-384.

Citations:18

11. Fever and abdominal pain in a 45-year-old woman with cutaneous necrotising vasculitis. Voulgarelis M., Chorti M., Kittas Ch., Karachristos A., Ikonomopoulos J.A., Scopouli F.N. Clinical and Experimental Rheumatology (1998): 16:72-76.

12. Human Papilloma Virus (HPV) is possibly involved in laryngeal but not in lung carcinogenesis. Gorgoulis V., Zacharatos P., Kotsinas A., Rassidakis A., Ikonomopulos J.A., Kanavaros P., Barbatis C., Herrington C.S., Kittas Ch. Human Pathology, (1999), 30:274-283.

Citations: 31

13. Additional characterization of a hexanucleotide polymorphic site in the first intron of human H-ras gene in bronchial dysplastic lesions, non-small cell lung carcinomas and sporadic invasive breast carcinomas. Kotsinas A., Gorgoulis V., Zacharatos P., Mariatos G., Kokotas S., Liliglou T., Ikonomopoulos J., Zoumpourlis V., Field JK., Kittas C. Cancer Genetics and Cytogenetics, (2001) 1-8.

Citations:9

14. Deregulated expression of c-mos, in non-small-cell lung carcinomas. Relationship with p-53 status, tumor kinetics, and chromosomal instability. Gorgoulis V., Zacharatos P., Mariatos G., Liloglou T., Kokotas S., Kastrinakis N., Kotsinas A., Athanasiou A., Zoumpourlis V., Ikonomopoulos J., Asimakopoulos P., Kittas C. Cancer Research, (2001), 61: 538-549.

Citations: 13

15. Assessment of mycobacterial, propionibacterial, and human herpesvirus 8 DNA in tissues of Greek patients with sarcoidosis. Gazouli M., Ikonomopoulos J., Trigidou R., Foteinou M., Kittas C., Gorfoulis V. Journal of Clinical Microbiology, (2002), 8:3060-30633.

Citations:32

16. The C3435T *MDR1* Gene Polymorphism is not associated with susceptibility for Ulcerative Colitis in a Greek Population. Gazouli M., Zacharatos P., Mantzaris G.,³

Ikonomopoulos J., Gorgoulis V. Gastroenterology, (2004), 126:368-369.

Citations:23

17. Molecular diagnosis of leishmaniosis in dogs. Comparative application of the traditional diagnostic methods and the proposed assay on clinical samples. Ikonomopoulos J., Kokotas S., Gazouli M., Zavras A., Stoitsiou M., Gorgoulis V. Veterinary Parasitology, (2003) 113(2):99-113.

18. Comparative evaluation of PCR assays for the robust molecular detection of *Mycobacterium avium* subsp. *paratuberculosis*. Ikonomopoulos J., Gazouli M., Zacharatos P., Xylouri E., Gorgoulis V. Journal of Microbiological Methods, (2004), 56(3):315-321.

Citations: 6

19. Unexpected detection of DNA by nucleic acid sequence-based amplification technique. Rodriguez-Lazaro D., Lloyd J., Ikonomopoulos J., Pla M., Cook N. Molecular and Cellular Probes (2004), 18: 251-253.

Citations:9

20. A molecular beacon-based real time NASBA assay for *Mycobacterium avium* subsp. *paratuberculosis*. Rodriguez-Lazaro D., Lloyd J., Herreweg A., Ikonomopoulos J., D'Agostino M., Pla M., Cook N. FEMS Microbiololy Letters, (2004) 237(1):119-126.

Citations: 13

21. Association of NOD2/CARD15 variants with Crohn's disease in a Greek population. Gazouli M., Zacharatos P., Mantzaris G., Barbatis C., Ikonomopoulos I., Archimandritis A., Lukas J., Papalambros E., Gorgoulis V. European Journal of Gastreterology & Hepatology, (2004), 16:1-6.

Citations: 86

22. Real-time PCR-based methods for detection of *Mycobacterium avium* subsp. *paratuberculosis* in water and milk. Rodríguez-Lázaro D., D'Agostino M., Herrewegh A., Pla M., Cook N., Ikonomopoulos J. International Journal of Food Microbiology (2005), 101(1): 93-104.

Citations:22

23. Characterisation of *Mycobacterium tuberculosis* complex isolates from Greek patients with sarcoidosis by spoligotyping. Gazouli M., Ikonomopoulos J., Koundourakis A., Bartos M., Pavlik I., Overduin P., Kremer K., Gorgoulis V., Kittas C. Journal of Clinical Microbiology, (2005), 43:4858-4861.

Citations: 7

24. Detection of *Mycobacterium avium* subsp. *paratuberculosis* in retail cheeses from Greece and the Czech Republic. Ikonomopoulos J., Pavlik I., Bartos M., Svastova P., Wuhib Yayo Ayele, Roubal P., Loukas J., Cook N., and Gazouli M. Applied and Environmental Microbiology (2005), 71: 8934-8936.

Citations: 13

25. *Mycobacterium avium* subsp. *paratuberculosis*, Genetic Susceptibility to Crohn's Disease, and Sardinians: the Way Ahead. Sechi L., Gazouli M., Ikonomopoulos J., Lukas J.C., Scanu A.M., Ahmed N., Fadda G., Zanetti S. Journal of Clinical Microbiology, (2005) 43 (10): 5275-5277.

Citations:22

26. Determination of prevalence and risk factors of infection with Babesia in small ruminants₄

from Greece by polymerase chain reaction amplification. Theodoropoulos G., Gazouli M., Ikonomopoulos J.A., Kantzoura V., Kominakis A. *Veterinary Parasitology*, (2006) 135 (10): 99-104.
Citations: 3

27. Outbreak of acute tuberculosis in a goat herd; First case of *Mycobacterium caprae* isolation in Greece. Ikonomopoulos J., Aranaz A., Balaskas C., Sechi L., Gazouli M. *Online Journal of Veterinary Microbiology*, 10 (2006) :108-115.

28. CARD15/NOD2, CD14, and Toll-like receptor 4 gene polymorphisms in Greek patients with sarcoidosis. Gazouli M., Kountourakis A., Ikonomopoulos J., Gialafos E., Gorgoulis V., Kittas Ch. *Sarcoidosis Vasculitis and Diffuse Lung Diseases* (2006) 23:23-29.
Citations: 12

29. Mycobacterial Infections of fowl. Fragiadaki E., Ikonomopoulos J., Balaskas Ch., Gazouli M. *Archives of the Hellenic Veterinary Society*, (2006), 57(2): 127-139.

30. Relationship between Crohn's Disease infection with *Mycobacterium avium* subsp *paratuberculosis* and SLC11A1 gene polymorphisms in Sardinian patients. Sechi L., Gazouli M., Sieswerda L., Mollicotti P., Ahmed N., Ikonomopoulos J., Scanu A., Pagnini D., Zanetti S. *World Journal of Gastroenterology* (2006) 12:7161-7164.

Citations 18

31. Evidence that sheep and goats are a reservoir for mycobacteria in Greece. Ikonomopoulos J. *Online Journal of Veterinary Research* (2006) 10 (2): 162-176.

32. The infectivity of sarcoid clinical material and its bacterial content inoculated in CBA mice. Ikonomopoluos J., Gazouli M., Dontas I., Sechi L., Lukas J., Balaskas C., Gorgoulis V., Kittas Ch. *In vivo*, (2006) 20: 807-814.

33. Molecular Diagnostic exploitation of brucellosis in an organic goat farm. Ikonomopoulos J., Gazouli M., Xylouri E., Georgakilas E., Karagiannis P., Menegatos I. *Archives of the Hellenic Veterinary Society* (2006), 57(3): 217-222.

34. Comparative evaluation of positive tests to *Mycobacterium avium* subsp. *paratuberculosis* in clinically healthy sheep and goats of South -West Greece using molecular techniques, serology, and culture. Ikonomopoulos J., Balaskas C., Kantzoura B., Fragiadaki E., Pavlik I., Bartos M., Lukas J., Gazouli M. *The Veterinary Journal*, (2007), 174 (2): 337-343.
Citations: 3

35. The functional polymorphisms of NRAMP1 gene in Greeks with sarcoidosis. Gazouli M., Koundourakis A., Ikonomopoulos J., Gialafos J.E., Papaconstantinou I., Lukas J.C., Vassilis G., Kittas C. *Sarcoidosis Vasculitis and Diffuse Lung Diseases* (2007), 24(2) 153-4.

36. Estimation of the spread of pathogenic mycobacteria in organic broiler farms by the polymerase chain reaction. J. Ikonomopoulos, E. Fragiadaki, E. Liandris, K. Sotirakoglou, E. Xylouri and M. Gazouli. *Vet Microbiol* (2009) 133:278-282.

37. Associations between abortion-records in goats and test-positivity to *Mycobacterium avium* subsp. *paratuberculosis*. J. Ikonomopoulos, E. Liandris, M. Andreadou, and M. Gazouli. *The Open Veterinary Science Journal* (2009) 3:1-5.

38. Characterization of the caprine (*Capra hircus*) SLC11A1 gene: innate resistance to paratuberculosis. Liandris E., Gazouli M, Ikononopoulos J. *Online Journal of Veterinary Research* (2009) 13:41-52.
39. Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-derivatized gold nanoparticles. Liandris E., Gazouli M, Andreadou M., Mirjana Comor, Nadica Abazovic, Sech L., Ikononopoulos J. *Journal of Microbiological Methods* (2009) 78:260-264.
40. Linking Chronic Infection and Autoimmune Diseases: *Mycobacterium avium* subspecies paratuberculosis, SLC11A1 Polymorphisms and Type-1 Diabetes Mellitus. Paccagnini D., Sieswarda L., Rosu V., Masala S., Pacifico A., Gazouli M., Ikononopoulos J., Ahmed N., Zanetti S., Sechi L. *PloS One*4(9): 1-4.
41. Detection and characterisation of oligonucleotide-tagged dye-encapsulating EPC / DPPG liposomes. *Journal of Nanoscience and Nanotechnology* (accepted).
42. Investigation for the association of the SLC11A1 gene with resistance/sensitivity of goats (*Capra hircus*) to paratuberculosis. Korou Laskarina-Maria, Liandris Emmanouil, Gazouli Maria, Ikononopoulos John. *Veterinary Microbiology* (2010) in press.
43. Specific Detection of Unamplified Mycobacterial DNA Using Fluorescent Semiconductor Quantum Dots and Magnetic Beads. M. Gazouli, E. Liandris, M. Andreadou, L.A. Sechi, S. Masala³, D. Paccagnini, and J. Ikononopoulos. *Journal of Clinical Microbiology* (2010) in press.

Congress announcement

1. Ikonomopoulos J., Panagou P., Marinis E., Karameris A. A Rapid PCR based method for the Detection of Mycobacteria. The European Respiratory Journal, ERS Annual Congress, 1996, Sweden.
2. Ikonomopoulos J. Multiplex PCR assay for the diagnosis of tuberculosis in humans and animals. 7th Hellenic Veterinary Congress, 1996, Thessaloniki, Greece.
3. Ikonomopoulos J., Gorgoulis V., Panagou P. Diagnostic approach to cases of sarcoidosis with the application of a novel molecular technique. 7th Hellenic Congress of Thoracic Diseases, 1997, Thessaloniki, Greece.
4. Ikonomopoulos J., Gorgoulis B., Panagou P., Manolis E., Karameris A., Kittas Ch. Application of Molecular diagnostic methods to the detection of mycobacterial diseases of the lung. 11th Hellenic Medical Congress of Thoracic Diseases, Round Table, 2001, Thessaloniki, Greece.
5. Ikonomopoulos J., Gazouli M., Kittas Ch., Gorgoulis B. Development of a diagnostic procedure for the detection and identification of all mycobacterial pathogens in biopsies with the application of in-situ hybridization. 20th National Congress of Microbiology, 2002, Athens, Greece.
6. Gazouli M., Ikonomopoulos J., Triggidou P., Foteinou M., Kittas Ch., Gorgoulis B. Molecular diagnostic investigation of infectious agents in fresh and paraffin embedded biopsies from sarcoidal patients. 28th Annual Hellenic Medical Congress, 2002, Athens, Greece.
7. Ikonomopoulos J., Gazouli M., Herrewegh A., Pavlik I., Demareli Z., Xylouri E., Gorgoulis V. Intralaboratory collaboration for the development of a novel molecular procedure for the detection and identification of *Mycobacterium avium* subsp *paratuberculosis* in fresh and archival clinical material of bovine, sheep-goat, and avian origin. 9^o Hellenic Veterinary Congress, 2002, Thessaloniky, Greece.
8. Ikonomopoulos J., Gazouli M., Kokotas S., Konstantoulakis P., Gorgoulis B. Diagnostic investigation of cases of Leishmaniosis with the comparative application of traditional techniques and PCR. 9th Hellenic Veterinary Congress, 2002, Thessaloniki, Greece.
9. Gazouli M., Ikonomopoulos J., Zacharatos P., Pavlik I., Bartos M., Svastova P., Cook N., Gorgoulis V. Incidence of *Mycobacterium avium* subsp. *paratuberculosis* in soft cheese in Greece. 8th International Conference on Environmental Science and Technology 2003, Lymnos, Greece.
10. Gazouli M, Zacharatos P, Mantzaris G, Barbatis K, Ikonomopoulos J, Gorgoulis V. The NOD2 mutation Leu1007fsinsC predispose to inflammatory phenotype of Crohn's disease in a Greek population. 2^o Hellenic Congress of Inflammatory Bowel Diseases, 2003, Athens, Greece.

11. Rodríguez-Lázaro D., Lloyd J., Pla M., Ikonomopoulos I., Cook N. Nucleic acid sequence-based amplification (NASBA) detects DNA in *Mycobacterium avium* subsp. *paratuberculosis*. FEMS Congress of European Microbiologists, 2003, Slovenia.
12. Katzoura B., Gazouli M., Ikonomopoulos J. Assessment of the spread of *Mycobacterium avium* subsp. *paratuberculosis* in sheep and goat farms of North-East Greece. 3rd Hellenic Symposium of Hygiene and Food Technology, 2004, Athens.
13. Fragiadaki E., Gazouli M., Kadzoura B., Zacharatos P., Gorgoulis B., Ikonomopoulos J. Assessment of *Mycobacterium avium* subsp. *paratuberculosis* prevalence in cheese samples from Greece and Czech Republic. 3rd Hellenic Symposium of Hygiene and Food Technology, Athens, 18-19 March 2004.
14. Rodríguez-Lázaro D., Lloyd J., Herrewegh A., Ikonomopoulos J., Martin D'Agostino, Pla M., Cook N.A. Molecular Beacon-Based Real Time NASBA Assay for the Detection of *Mycobacterium avium* subsp. *paratuberculosis* in water and milk. IAFP 2004, Phoenix, USA.
15. Katzoura B., Theodoropoulos G., Ikonomopoulos J., Gazouli M., Kominakis A. Application of the polymerase chain reaction for the detection of *Babesia* spp., in sheep and goats from Thessalia and Heperous. 20th Annual Scientific Congress of the Hellenic Zootechnic Society, 2004, Tripoly, Greece.
16. Gazouli M., Madzaris G., Kotsinas A., Zacharatos P., Ikonomopoulos J., Gorgoulis B. Correlation of the Toll-4 and CD14 receptor, and the CD15/NOD2 gene, in Inflammatory Bowel Disease. 24th Hellenic Congress of Gastroenterology, 2004, Athens, Greece.
17. Gazouli M., Aranaz A., Sechi L., Ikonomopoulos J. Detection of *Mycobacterium caprae*, in fresh tissue samples collected from a goat herd in Polygyros, Chalkidiki. 4th Hellenic Veterinary Congress of Productive Animals, 2005, Thessaloniky, Greece.
18. Gazouli M., Kadzoura B., Fragiadaki E., Loukas I., Ikonomopoulos J. Application of PCR for the estimation of the spread of pathogenic mycobacteria in clinically healthy sheep and goats. 4th Hellenic Veterinary Congress of Productive Animals, 2005, Thessaloniky, Greece.
19. Fragiadaki I., Gazouli M., Loukas J., Xylouri E., Ikonomopoulos J. Prevalence of pathogenic mycobacteria using the Polymerase Chain Reaction, in organic broiler farms in Greece. 12th World Congress of the International Society for Animal Health, 2005, Poland.
20. Gazouli M., Zacharatos P., Matzaris G., Ikonomopoulos J., Archimandritis A., Loukas I. Correlation of NOD2/CARD15 polymorphisms with Crohn's disease in a Greek population. 2nd Annual Scientific Congress of the Medical School, 2005, Athens, Greece.
21. Gazouli M., Sechi L., Ikonomopoulos J., Antonio M., Giavani Z., Madzaris G. Correlation of the presence of *Mycobacterium avium* subsp. *paratuberculosis* with NOD2/CARD15 mutations, in patients with and without Crohn's disease. 4^o Hellenic Symposium of Inflammatory Bowel Disease Thessaloniky, 2005.
22. Ikonomopoulos J., Katzoura B., Fragiadaki E., Pavlik I., Bartos M., Loukas J.C., Gazouli M. Comparison of the diagnostic value of the complement fixation test (CFT), Polymerase Chain reaction (PCR) and the culture methods for detecting *Mycobacterium avium* subsp. *paratuberculosis* in sheep and goats. 8th International Colloquium on Paratuberculosis,⁸

Copenhagen, Denmark, 2005.

23. Ikonomopoulos J., Liardis E., Gazouli M. Association of mycobacteria of human and animal origin to the pathogenesis of sarcoidosis and Crohn's disease. 28th Annual Congress of the European Society of Mycobacteriology, Athens, Greece, 1-4 July 2007.
24. Gazouli M., Madzaris G., Ikonomopoulos J., Archimandritis A. Molecular characterisation of Crohn's disease and ulcerative colitis patients using DNA microarrays. 27th Hellenic Gastroenterology Symposium, 2007, Thessaloniki, Greece.
25. Paratuberculosis of ruminants, a potential Public Health threat. Ikonomopoulos J. 1st Hellenic Congress for Productive Animals, Hygiene – Safety of Foods of Animal Origin and Consumer Protection, 14-16 March 2008, Athens.
26. Design and evaluation of oligonucleotide probes that can be conjugated to cadmium selenite and gold quantum dots, for mycobacterial detection. Ikonomopoulos J., Liandris E., Gazouli M. 1st Hellenic Congress for Productive Animals, Hygiene – Safety of Foods of Animal Origin and Consumer Protection, 14-16 March 2008, Athens.
27. Investigation of the association of polymorphisms of the promoter region of the *NRAMP1* of goats with production of antibody specific for *Mycobacterium avium* subspecies *paratuberculosis*. Liandris E., Gazouli M., Aleksiou K., Adreadou M., Ikonomopoulos J. 1st Hellenic Congress for Productive Animals, Hygiene – Safety of Foods of Animal Origin and Consumer Protection, 14-16 March 2008, Athens.
28. Autoimmune diseases and exposure to mycobacteria through milk and milk products. (Round Table) 2nd Hellenic Congress “Modern Dietary Challenges for the Safety and Quality of Food”, 6-8 June 2008, Thessaloniky, Greece.
29. Diagnostic investigation of mycobacterial infections of humans and animals with DNA-conjugated gold nanoparticles. Liandris E., Gazouli M., Ikonomopoulos J. 34th International Conference on Micro and Nano Engineering, 15-19 September 2008, Athens, Greece.
30. Detection of *Mycobacterium* spp., using oligonucleotide targeted liposomes. Mourelatou E., Georgopoulos A., Liandris E., Gazouli M., Ikonomopoulos J., Demetzos C. 34th International Conference on Micro and Nano Engineering, 15-19 September 2008, Athens, Greece.
31. Direct detection of non-amplified DNA from mycobacterial pathogens using gold nanoparticles. Liandris E., Gazouli M., Adreadou M., Comor M., Abazovic N., Sechi L., Ikonomopoulos J. 11th Hellenic Veterinary Congress, 19-22 March 2009, Athens.
32. Investigation of the functional role of the polymorphisms of the caprine *NRAMP1* gene with connection to resistance or sensitivity to paratuberculosis. Korou ML., Liandris E., Adreadou M., Gazouli M., Ikonomopoulos J. 11th Hellenic Veterinary Congress, 19-22 March 2009, Athens.
33. Investigation for the association of positivity to *Mycobacterium avium* subspecies *paratuberculosis* with abortions in goats. Liandris E., Adreadou M., Gazouli M., Ikonomopoulos J. 11th Hellenic Veterinary Congress, 19-22 March 2009, Athens.
34. Applied Nanotechnology for the detection of mycobacterial nucleic acid and antigenic⁹

targets. J. Ikonopoulou, E. Liandris, M. Andreadou, I. Tachtsidis, M. Gazouli. 31st Annual Congress of the European Society of Mycobacteriology - ESM 2010 Bled, Slovenia July 4-7th, 2010.

35. Associations between Single Nucleotide Polymorphisms in GDF9 and BMP15 fecundity genes and litter size in two dairy sheep breeds of Greece. Kapeoldassi, K., Kominakis, A., Chadio, S., Andreadou, M. and Ikonopoulou, I. EAAP, 61st Annual Meeting of the European Association for Animal Production, Crete, August 23-27th, 2010.
36. Serological investigation of IBR and MAP in dairy cows in Greece. Mpatziou R., Ntafis V., Liandris E., Ikonopoulou J. and Xylouri E. EAAP, 61st Annual Meeting of the European Association for Animal Production, Crete, August 23-27th, 2010.