

Curriculum Vitae



Dr Danae Venieri

Assistant Professor
Technical University of Crete
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Education

- 2005 **Ph.D.** in Medical School, Laboratory of Hygiene, University of Patras entitled: Faecal source tracking of *Escherichia coli* strains isolated from the aquatic environment with the application of molecular and cultural techniques (RAPD-PCR analysis & Multiple Antibiotic Resistance).
Supervisor: Professor Maria Papapetropoulou, Director of Lab of Hygiene, University of Patras, Greece.
- 1999 **Bachelor Degree in Biology**, Department of Biology of University of Patras.
Grade: 7.56
- Undergraduate thesis:**
Detection of *Salmonella* spp. in mussels with the application of cultural and molecular techniques.
Grade : “ Honors 10”
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Scholarships

- 2000-2003 Scholarship funded by the **Greek State Scholarship’s Foundation** in the field of **Molecular Biology** for the development of the Doctoral Thesis.
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Professional Experience

- 1/2013 – today Assistant Professor of Environmental Microbiology, School of Environmental Engineering, Technical University of Crete
- 9/2014 – today Hellenic Open University – Teaching staff in Waste Management

8/2008 - 12/2013	Lecturer of Environmental Microbiology, Department of Environmental Engineering, Technical University of Crete
2006 – 7/2008	Teaching Assistant, Department of Environmental Engineering, Technical University of Crete.
2005-2007	Teaching Assistant, Department of Agricultural Development, Democritus University of Thrace (Engagement under P.D. 407)
2006-2008	Postdoctoral Researcher, Department of Biology, University of Patras
2005 -2006	Postdoctoral Researcher, Department of Medicine, Lab of Hygiene, University of Patras

Teaching Experience

Graduate level

2006-today	Graduate Studies Programme «Environmental Engineering» in the School of Environmental Engineering of Technical University of Crete. 2-WWT: Water and Waste Treatment / Course: Environment & Public Health
2006	Postgraduate Studies Program, Medical School, Democritus University of Thrace. Course: Hygiene

Undergraduate level

2006-today	School of Environmental Engineering, Technical University of Crete. Courses: Environmental microbiology & Ecology
2005-2007	Department of Agricultural Development, Democritus University of Thrace. Courses: Food hygiene, Agricultural waste management

Areas of Academic Interest

Assessment of microbiological quality of the environment (drinking / seawater, waste, food) and the study of environmental microorganisms (bacteria, parasites, bacteriophages, enteric viruses):

- Application of a variety of techniques (cultivating and molecular) to isolate and study microorganisms.
- Use of indicators to assess the microbiological quality of the environment.
- Study of the resistance of the microorganisms in the aquatic environment (study of genes in a variety of antibiotic resistance, resistance transferred between populations of microorganisms).
- Inactivation of microorganisms during disinfection techniques.

Summary of Academic Achievements

Number of PostDoc co-supervised:	1
Number of PhD co-supervised:	5
Number of MSc students supervised:	17
Number of BSc students supervised:	14
Number of papers published in refereed journals:	35
Number of citations (excluding self-citations):	339
Impact factor in publications:	2.426
h-index:	11
Number of book chapters:	1
Number of international conference publications:	48
Number of papers reviewed for journals:	139
Number of journals involved as reviewer:	48

Other Professional Activities

2013-today	Member of the Advisory Editorial Board of Journal of Chemical Technology and Biotechnology.
2015	Member of scientific committee of the 4 th European conference on environmental applications of advanced oxidation processes – EAAOP4, Athens, Greece, 21-24 October 2015.
2015	Member of scientific committee of the 14th International Conference on Environmental Science and Technology, CEST 2015, Rhodes, Greece, 3-5 September 2015.
2013	Member of scientific committee of the 13 th International Conference on Environmental Science and Technology, CEST 2013, Athens, Greece, 5-7 September 2013.
2012	Member of scientific committee of IWA Regional Conference on Wastewater Purification & Reuse WWPR2012, Heraklio, 28-30 March 2012.
2011-today	International Ultraviolet Association
2005-today	Member of International Water Association

Research Programmes

1. FP7-Collaborative Research program, “WATER4CROPS: Integrating bio-treated wastewater reuse and valorization with enhanced water use efficiency to support the Green Economy in Europe and India”. Scientific co-ordinator: Prof. Nicolas Kalogerakis.
2. LIFE10 ENV/GR/601 program “CHARM: Chromium in Asopos groundwater system: remediation technologies and measures”. Scientific co-ordinator: Prof. Nicolas Kalogerakis.
3. Synthesis of TiO₂-graphene composite photocatalysts for the aqueous phase degradation of organic pollutants (PhotoGraph), E.I. ΑΕΙΦΟΡΙΑ. Source of funding: Republic of Cyprus & EU. Duration: 2012-2014. Supervisor: Dr. N. Xekoukoulotakis, Dept Environmental Engineering, Technical University of Crete.
4. Advanced systems for the enhancement of the environmental performance of wineries in Cyprus, LIFE 08. Source of funding: EU. Duration: 2010-2012. Supervisor: Prof. D. Mantzavinos, Dept Environmental Engineering, Technical University of Crete.
5. Unravelling and exploiting Mediterranean Sea microbial diversity and ecology for xenobiotics’ and pollutants’ clean up: ULIXES FP7-KBBE-2010-4. Source of funding: EU. Duration: 2011-2013. Supervisor: Prof. N. Kalogerakis, Dept Environmental Engineering, Technical University of Crete.
6. HERAKLEITOS II – Application of MBR for wastewater treatment. Source of funding: Greek Ministry of Development – General secretariat for research and technology.. Duration: 2010-2013. Supervisor: Prof. N. Kalogerakis, Dept Environmental Engineering, Technical University of Crete.
7. Completed system of certification of quality of products of aquacultures in correlation with the marine pollution. Source of funding: Greek Ministry of Development – General secretariat for research and technology. Duration: 2006-2008. Supervisor: Prof. I. Iliopoulou-Georgoudaki, Department of Biology, University of Patras.
8. Maintenance of fish quality. Source of funding: Greek Ministry of Development – General secretariat for research and technology. Duration: 2006-2008. Supervisor: Prof. I. Iliopoulou-Georgoudaki, Department of Biology, University of Patras.
9. Development of molecular methods for the a) detection and typing of enteroviruses, adenoviruses and rota viruses and b) differentiation of faecal *Escherichia coli* from humans and animals, isolated from raw sewage. Source of funding: Greek Ministry of Development – General secretariat for research and technology. Duration: 2002-2005. Supervisor: Prof. M. Papaetropoulou, Medical School, University of Patras.
10. Development of new techniques for the monitoring and control of human viral contamination in shellfish», χρηματοδοτούμενο από την Ε.Ε. (FAIR Project). Source of funding: EU. Duration: 1/11/1998 - 30/11/2001. Supervisor: Dr Rosina Giorones, Department of Microbiology, University of Barcelona.
11. Participation in the research work: Establishment of Disk Diffusion Quality Control Limits for *Escherichia coli* and *Aeromonas salmonicida* subsp. *salmonicida*: 10 Laboratory Quality Control Study (organized by NCCLS)
12. Participation in the research work: Establishment of MIC Quality Control Limits for *Escherichia coli* and *Aeromonas salmonicida* subsp. *salmonicida*: 10 Laboratory Quality Control Study (organized by NCCLS)

1. Vantarakis A., Komninou G., **Venieri D.**, Papapetropoulou M., 2000. Development of a multiplex PCR detection of *Salmonella* spp. and *Shigella* spp. in mussels. *Letters in Applied Microbiology*, 31(2): 105-110.
2. Komninou G., Vantarakis A., **Venieri D.**, Papapetropoulou M., 2004. Evaluation of virological quality of sewage from four biological treatment plants by a nested PCR technique. *Water Science and Technology*, 50(1): 253-257.
3. **Venieri D.**, Vantarakis A., Komninou G., Papapetropoulou M., 2005. Differentiation of fecal *Escherichia coli* from humans and animals by Random Amplified Polymorphic DNA-PCR (RAPD-PCR). *Water Science and Technology*, 50(1): 193-198.
4. Vantarakis A., Tsibouxi A., **Venieri D.**, Komninou G., Athanassiadou A., Papapetropoulou M., 2005. Evaluation of microbiological quality of coastal waters of Greece. *Journal of Water and Health*, 3(4): 371-380.
5. Vantarakis A., **Venieri D.**, Komninou G., Papapetropoulou M., 2006. Differentiation of faecal *Escherichia coli* from humans and animals by Multiple Antibiotic Resistance Analysis (MAR). *Letters in Applied Microbiology*, 42(1): 71-77.
6. **Venieri D.**, Vantarakis A., Komninou G., Papapetropoulou M., 2006. Microbiological evaluation of bottled non-carbonated “still” water from domestic brands in Greece. *International Journal of Food Microbiology*, 107(1): 68-72.
7. Vantarakis A., **Venieri D.**, Komninou G., Papapetropoulou M., 2006. Hybridization of F+ RNA Coliphages detected in shellfish samples with oligonucleotide Probes to assess the origin of microbiological pollution of shellfish. *Water Science and Technology*, 54(3): 219-223.
8. Jelastopulu E., Constantinidis T., Kolokotronis T., **Venieri D.**, Komninou G., Bantias C., 2006. Outbreak of Acute Gastroenteritis in an Air Force Base in Western Greece. *BMC Public Health*, 6, art. no. 254.
9. Vantarakis A., **Venieri D.**, Nikolaidis C., Papapetropoulou M., 2007. Occurrence of *Escherichia coli* strains resistant to multiple antibiotics isolated from tap water and sewage samples: Public health concern. *Acta Microbiologica Hellenica*, 52(3): 180-187.
10. Iliopoulou-Georgudaki J., Theodoropoulos C., **Venieri D.**, Lagkadinou M. 2009. A model predicting the microbiological quality of aquacultured sea bream (*Sparus aurata*) according to physicochemical data: An application in Western Greece fish aquaculture. *International Journal on Biological and Life Sciences*, 1: 1-9.
11. Jelastopulu E., Alexopoulos E.C., **Venieri D.**, Tsiros G., Komninou G., Constantinidis T.C., Chrysanthopoulos K., 2009. Substantial underreporting of tuberculosis in Western Greece: implications for local and national surveillance. *Eurosurveillance*, 14(11): 1-4.
12. Xekoukoulotakis N.P., Xinidis N., Chroni M., Mantzavinos D., **Venieri D.**, Hapeshi E., Fatta-Kassinou D., 2010. UV-A/TiO₂ photocatalytic decomposition of erythromycin in water: Factors affecting mineralization and antibiotic activity. *Catalysis Today*, 151(1-2): 29-33.
13. **Venieri D.**, Rouvalis A., Iliopoulou-Georgudaki J., 2010. Microbial and toxic evaluation of raw and treated olive oil mill wastewaters. *Journal of Chemical Technology and Biotechnology*, 85(10): 1380-1388.

14. Stamati F.E., Nikolaidis N.P., **Venieri D.**, Psillakis E., Kalogerakis N., 2011. Dissolved organic nitrogen as an indicator of livestock impacts on soil biochemical quality. *Applied Geochemistry*, 26(SUPPL.): S340-S343.
15. Chatzisymeon E., Droumpali A., Mantzavinos D., **Venieri D.**, 2011. Disinfection of water and wastewater by UV-A and UV-C irradiation: application of real-time PCR method. *Photochemical and Photobiological Sciences*, 10(3): 389-395.
16. Frontistis Z., Brebou C., **Venieri D.**, Mantzavinos D., Katsaounis A., Chatzisymeon E., 2011. BDD anodic oxidation as tertiary wastewater treatment for the removal of emerging micro-pollutants, pathogens and organic matter. *Journal of Chemical Technology and Biotechnology*, 86(10): 1233-1236.
17. Frontistis Z., Xekoukoulotakis N.P., Hapeshi E., **Venieri D.**, Fatta-Kassinou D., Mantzavinos D., 2011. Fast degradation of estrogen hormones in environmental matrices by photo-Fenton oxidation under simulated solar radiation. *Chemical Engineering Journal*, 178: 175-182.
18. **Venieri D.**, Chatzisymeon E., Gonzalo M.S., Rosal R., Mantzavinos D., 2011. Inactivation of *Enterococcus faecalis* by TiO₂-mediated UV and solar irradiation in water and wastewater: culture techniques never say the whole truth. *Photochemical and Photobiological Sciences*, 10(11): 1744-1750.
19. Dimitrakopoulou D., Rethemiotaki I., Frontistis Z., Xekoukoulotakis N.P., **Venieri D.**, Mantzavinos D., 2012. Degradation, mineralization and antibiotic inactivation of amoxicillin by UV-A/TiO₂ photocatalysis. *Journal of Environmental Management*, 98(1): 168-174.
20. **Venieri D.**, Chatzisymeon E., Sofianos S.S., Politi E., Xekoukoulotakis N.P., Katsaounis A., Mantzavinos D., 2012. Removal of faecal indicator pathogens from waters and wastewaters by photoelectrocatalytic oxidation on TiO₂/Ti-films under simulated solar radiation. *Environmental Science and Pollution Research* 19(9): 3782-3790.
21. Frontistis Z., Drosou C., Tyrovola K., Mantzavinos D., Fatta-Kassinou D., **Venieri D.**, Xekoukoulotakis N.P., 2012. Experimental and modeling studies of the degradation of estrogen hormones in aqueous TiO₂ suspensions under simulated solar radiation. *Industrial and Engineering Chemistry Research*, 51(51): 16552-16563.
22. **Venieri D.**, Chatzisymeon E., Politi E., Sofianos S.S., Katsaounis A., Mantzavinos D., 2013. Photoelectrocatalytic disinfection of water and wastewater: performance evaluation by qPCR and culture techniques. *Journal of Water & Health*, 11(1): 21-29.
23. **Venieri D.**, Markogiannaki E., Chatzisymeon E., Diamadopoulos E., Mantzavinos D. 2013. Inactivation of *Bacillus anthracis* in water by photocatalytic, photolytic and sonochemical treatment. *Photochemical and Photobiological Sciences*, 12(4): 645-652.
24. Koutantou V., Kostadima M., Chatzisymeon E., Frontistis Z., Binas V., **Venieri D.**, Mantzavinos D., 2013. Solar decomposition of estrogens over zinc oxide immobilized on glass substrate. *Catalysis Today*, in press.
25. Bouki C., **Venieri D.**, Diamadopoulos E., 2013. Occurrence and fate of antibiotic resistant bacteria (ARB) in wastewater treatment plants: A review. *Ecotoxicology & Environmental Safety*, 91:1-9.
26. A. Zacharakis, E. Chatzisymeon, V. Binas, Z. Frontistis, **D. Venieri**, D. Mantzavinos, 2013. Solar photocatalytic degradation of bisphenol A on immobilized ZnO or TiO₂. *International Journal of Photoenergy*, 2013, Article number 570587.

27. M. Nikolopoulou, P. Eickenbusch, N. Pasadakis, **D. Venieri**, N. Kalogerakis, 2013. Microcosm evaluation of autochthonous bioaugmentation to combat marine oil-spills. *New Biotechnology*, 30 (6): 734-742.
28. **D. Venieri**, C. Theodoropoulos, M. Lagkadinou, J. Iliopoulou-Georgudaki, 2013. Effects of ice and seawater storing conditions on the sensory, chemical and microbiological quality of the Mediterranean hake (*Merluccius merluccius*) during post-catch handling and distribution. *International Journal of Food Engineering*, 7 (2): 825-830.
29. G. Pliego, N.P. Xekoukoulotakis, **D. Venieri**, J. Zazo, J. Casas, J. Rodriguez, D. Mantzavinos, 2014. Complete degradation of the persistent anti-depressant sertraline in aqueous solution by solar photo-Fenton oxidation. *Journal of Chemical Technology and Biotechnology*, 89: 814-818.
30. **D. Venieri**, A. Fraggadaki, M. Kostadima, E. Chatzisyneon, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Solar light and metal-doped TiO₂ to eliminate water-transmitted bacterial pathogens: Photocatalyst characterization and disinfection performance. *Applied Catalysis B: Environmental*, 154-155: 93-101.
31. S. Fanourgiakis, Z. Frontistis, E. Chatzisyneon, **D. Venieri**, D. Mantzavinos, 2014. Simultaneous removal of estrogens and pathogens from secondary treated wastewater by solar photocatalytic treatment. *Global Nest*, 16(3): 543-552.
32. **D. Venieri**, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Inactivation of MS2 coliphage in sewage by solar photocatalysis using metal-doped TiO₂. *Applied Catalysis B: Environmental*, 178: 54-64.
33. **D. Venieri**, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2015. Study of generated genetic polymorphisms during the photocatalytic elimination of *Klebsiella pneumoniae* in water. *Photochemical and Photobiological Sciences*, 14(3):506-513.
34. P. Babatsouli, S. Fodelianakis, N. Paranychianakis, **D. Venieri**, M. Dialynas, N. Kalogerakis, 2015. Single stage treatment of saline wastewater with marine bacterial-microalgae consortia in a fixed-bed photoreactor. *Journal of Hazardous Materials*, 292: 155-163.
35. E. Mastrapostoli, M. Santamouris, D. Kolokotsa, V. Perdikatsis, **D. Venieri**, K. Gompakis, 2015. On the ageing of cool roofs: Measure of the optical degradation, chemical and biological analysis and assessment of the energy impact. *Energy and Buildings*, <http://dx.doi.org/10.1016/j.enbuild.2015.05.030>

Book Chapters

36. **D. Venieri**, 2014. Photoelectrochemical disinfection. Encyclopedia of Applied Electrochemistry, edited by Robert F. Savinell, Ken-ichiro Ota and Gerhard Kreysa, DOI 10.1007/978-1-4419-6996-5, © Springer Science+Business Media New York 2014.

Research Papers in Greek Scientific Journals

1. Komninou G. and **Venieri D.** Enteric viruses in aquatic environment – Methods of isolation & molecular typing. *Review paper Iatriki* 2007, 92(4): 305-317.
2. **Venieri D.**, Vantarakis, A. Public health and faecal source tracking in the aquatic environment *Review paper Iatriki* 2006, 89(6):483-494.

Participation in International Congresses

1. A. Vantarakis, **D. Venieri**, G. Komninou, M. Papapetropoulou, 2000. Poster: Development of a multiplex PCR detection of *Salmonella* spp. and *Shigella* spp. in mussels. 1st World Congress of the International Water Association (IWA), Paris, France, 3-7 July 2000.
2. **D. Venieri**, A. Vantarakis, E. Kouskouni, M. Papapetropoulou, 2003. Poster: Antibiotic Resistance of Gram-negative bacteria isolated from drinking water of South-western Greece. 13th European Congress of Clinical Microbiology and Infectious Diseases, Glasgow, UK, 10-13 May 2003.
3. **D. Venieri**, G. Komninou, M. Papapetropoulou, R.A. Miller, 2003. Poster: Antibiotic Susceptibility Testing for Aquatic Bacteria: Quality Control Disk Diffusion Ranges for two Control Organisms. 5th European Congress of Chemotherapy (ECC-5), Rhodes, Greece, 17-20 October 2003.
4. G. Komninou, A. Vantarakis, **D. Venieri**, M. Papapetropoulou, 2003. Poster: Evaluation of virological quality of sewage from four biological treatment plants by a nested PCR technique. 11th International Symposium on Health-Related Water Microbiology, Cape Town, South Africa, 14-19 September 2003.
5. **D. Venieri**, A. Vantarakis, G. Komninou, M. Papapetropoulou, 2003. Poster: Differentiation of faecal *Escherichia coli* from humans and animals by Random Amplified Polymorphic DNA-PCR (RAPD-PCR). 11th International Symposium on Health-Related Water Microbiology, Cape Town, South Africa, 14-19 September 2003.
6. G. Komninou, A. Vantarakis, **D. Venieri**, M. Papapetropoulou, 2004. Poster: Detection of enterovirus, adenovirus, and rota viruses in sewage with nested RT-PCR. 14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, Czech Republic, 1-4 May 2004.
7. **D. Venieri**, A. Vantarakis, G. Komninou, M. Papapetropoulou, 2004. Oral presentation: Multiple Antibiotic Resistance (MAR) patterns of *Escherichia coli* isolates to possibly identify sources of faecal contamination of water. 14th Mediterranean congress of chemotherapy & 3rd Pancyprian congress of chemotherapy & infectious diseases, Limasol, 25-28 November 2004.

8. A. Vantarakis, **D. Venieri**, G. Komninou, M. Papapetropoulou, 2005. Poster: Differentiation of faecal *Escherichia coli* from humans and animals by Multiple Antibiotic Resistance Analysis (MAR). 13th International Symposium on Health-Related Water Microbiology (HRWM), Swansea, UK, 5-9 September 2005.
9. A. Vantarakis, **D. Venieri**, G. Komninou, M. Papapetropoulou, 2005. Poster: Hybridization of F+ RNA Coliphages detected in shellfish samples with oligonucleotide probes to assess the origin of microbiological pollution of shellfish. 13th International Symposium on Health-Related Water Microbiology (HRWM), Swansea, UK, 5-9 September 2005.
10. G. Komninou, A. Vantarakis, **D. Venieri**, M. Papapetropoulou, 2005. Oral presentation: Molecular Epidemiological Survey of Enterovirus, Adenovirus and Rotavirus in Raw Sewage by Nucleotide Sequencing Analysis. 13th International Symposium on Health-Related Water Microbiology (HRWM), Swansea, UK, 5-9 September 2005.
11. **D. Venieri**, A. Vantarakis, G. Komninou, M. Papapetropoulou, 2005. Oral presentation: Development and evaluation of Random Amplified Polymorphic DNA-PCR (RAPD-PCR) as a microbial source tracking method. 13th International Symposium on Health-Related Water Microbiology (HRWM), Swansea, UK, 5-9 September 2005.
12. E. Jelastopulu, T. Constantinidis, T. Kolokotronis, **D. Venieri**, G. Komninou, C. Bantias, 2006. Poster: Outbreak of acute gastroenteritis in an air force base in Western Greece. 16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, France, 1-4 April 2006.
13. **D. Venieri**, G. Komninou, E. Bezirtzoglou, M. Papapetropoulou, 2006. Oral presentation: Profiles of Antibiotic Resistance in *Escherichia coli* Strains Isolated from Municipal Tap Water and Raw Sewage Samples in Greece. International Conference "Sustainable Management and Development of Mountainous and Island Areas", Naxos, Greece, 29-30 September and 1st October 2006.
14. **D. Venieri**, G. Komninou, E. Bezirtzoglou, M. Papapetropoulou, 2006. Oral presentation: Assessment and Application of Random Amplified Polymorphic DNA PCR analysis as a Fecal Source Tracking Technique. International Conference "Sustainable Management and Development of Mountainous and Island Areas", Naxos, Greece, 29-30 September and 1st October 2006.
15. C. Voidarou, A. Alexopoulos, C. Stefanis, I. Papadopoulos, **D. Venieri**, E. Bezirtzoglou, 2006. Oral presentation: Occurrence of *C. perfringens* in olive trees cultivated soils. Second International Seminar "Biotechnology and Quality of Olive Tree Products Around the Mediterranean Basin", Marsala – Mazara del Vallo, Italy, 5-10 November 2006.
16. G. Komninou, **D. Venieri**, G. Diamandi, E. Jelastopulu, 2008. Poster: Significant presence of adenoviruses in raw and treated sewage derived from biological treatment plants in Greece. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 19-22 April 2008.
17. **D. Venieri**, G. Komninou, K. Nelly, E. Jelastopulu, 2008. Poster: Detection of enteroviruses in raw and treated sewage. 18th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 19-22 April 2008.
18. F. Stamati, N. Nikolaidis, **D. Venieri**, E. Psillakis, N. Kalogerakis, 2008. Oral presentation: Development of a simple methodology for the assessment of soil quality status and fertility: application to mediterranean agricultural soils. 4th European Bioremediation Conference, Chania, Greece, 3-6 September 2008.

19. J. Iliopoulou-Georgudaki, C. Theodoropoulos, **D. Venieri**, M. Lagkadinou, 2009. Oral presentation: A model predicting the microbiological quality of aquacultured sea bream (*Sparus aurata*) according to physicochemical data: An application in Western Greece fish aquaculture. World Academy of Science and Technology Conference on Fisheries, Animal and Veterinary Sciences, Dubai, 28-30 January 2009.
20. E. Chatzisyneon, A. Droumpali, D. Mantzavinos, **D. Venieri**, 2010. Poster: Disinfection of water and wastewater by UV-A and UV-C irradiation: application of real-time PCR method. 6th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA6), Prague, Czech Republic, 13-16 June 2010.
21. P. Babatsouli, **D. Venieri**, M. Dialynas, N. Kalogerakis, 2011. Poster: Application of Packed Bed Reactor for the removal of organics and nitrates from wastewater of shellfish farmings. 5th European Bioremediation Conference, Chania, Greece, 4-7 July 2011.
22. E. Chatzisyneon, S.S. Sofianos, E. Politi, A. Katsaounis, D. Mantzavinos, **D. Venieri**, 2011. Poster: Photoelectrochemical disinfection of secondary treated wastewaters. 9thESEE European Symposium on Electrochemical Engineering, Chania, Greece, 19-23 June 2011.
23. E. Chatzisyneon, M.S. Gonzalo, R. Rosal, N. Xekoukoulotakis, D. Mantzavinos, **D. Venieri**, 2011. Oral presentation: Disinfection of water and wastewater by solar, UV-A and UV-C irradiation: application of real-time PCR method. IUVA World Congress intitled Ozone and UV: Leading-edge science and technologies, Paris, France, 22-26 May 2011.
24. S. Fanourgiakis, Z. Frontistis, E. Chatzisyneon, **D. Venieri**, D. Mantzavinos, 2011. Poster: Removal of estrogens and pathogens from secondary treated wastewater by solar photocatalytic treatment. 16th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Ioannina, Greece, 24-27 September 2011.
25. D. Mantzavinos, E. Chatzisyneon, S. Sofianos, E. Politi, N. Xekoukoulotakis, A. Katsaounis, **D. Venieri**, 2011. Poster: Removal of fecal indicator pathogens from waters and wastewaters by means of photoelectrochemical oxidation. 2nd European Symposium in Photocatalysis (JEP 2011), Bordeaux, France, 29-30 September 2011.
26. P. Babatsouli, **D. Venieri**, N. Kalogerakis, 2012. Poster: Application of packed bed reactor for the removal of organics and nitrates from wastewater of shellfish farming facilities. IWA Regional Conference on Wastewater Purification & Reuse WWPR2012, Heraklion, Greece, 28-30 March 2012.
27. E. Markogiannaki, D. Mantzavinos, E. Diamadopoulos, **D. Venieri**, 2012. Oral presentation: Inactivation of *Bacillus anthracis* in water and wastewater. IWA Regional Conference on Wastewater Purification & Reuse WWPR2012, Heraklion, Greece, 28-30 March 2012.
28. **D. Venieri**, E. Markogiannaki, E. Chatzisyneon, E. Diamadopoulos, D. Mantzavinos, 2012. Poster: Inactivation of *Bacillus anthracis* in water by photocatalytic, photolytic and sonochemical treatment. 7th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA7), Porto, Portugal, 17-20 June 2012.
29. D. Mantzavinos, V. Koutantou, M. Kostadima, E. Chatzisyneon, Z. Frontistis, **D. Venieri**, 2012. Poster: Solar photocatalytic decomposition of estrogens over zinc oxide immobilized on glass substrate. 7th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA7), Porto, Portugal, 17-20 June 2012.
30. Z. Frontistis, D. Mantzavinos, D. Fatta-Kassinou, **D. Venieri**, N. Xekoukoulotakis, 2012. Poster: Experimental and modeling studies of the degradation of estrogen hormones in aqueous TiO₂

suspensions under simulated solar radiation. 7th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA7), Porto, Portugal, 17-20 June 2012.

31. E. Syranidou, S. Christofilopoulos, N. Weyens, **D. Venieri**, J. Vangronsveld, N. Kalogerakis, 2012. Oral presentation: *Tamarix parviflora* endophytic bacteria community: Are there any potential BPA-degraders? 5th International Symposium on Biosorption and Bioremediation, Prague, Czech Republic, 24-28 June 2012.
32. E. Syranidou, S. Christofilopoulos, N. Weyens, **D. Venieri**, J. Vangronsveld, N. Kalogerakis, 2012. Oral presentation: Diversity assessment of endophytic bacteria of the halophytic plant *Tamarix parviflora* and their role in BPA degradation. 9th International Phytotechnology Society (IPS) Conference, Hasselt University, Belgium, 11-14 September 2012.
33. S.S. Sofianos, E. Politi, E. Chatzisyneon, N.P. Xekoukoulotakis, A. Katsaounis, D. Mantzavinos, **D. Venieri**, 2012. Oral presentation: Removal of faecal indicator pathogens from waters and wastewaters by photo-electrocatalytic oxidation on TiO₂/Ti-films under simulated solar radiation. 3rd International Conference “Industrial and Hazardous Waste Management”, Chania, Greece, 12-14 September 2012.
34. A. Zacharakis, E. Chatzisyneon, Z. Frontistis, **D. Venieri**, D. Mantzavinos, 2012. Oral presentation: Photocatalytic degradation of bisphenol A (BPA) by immobilized ZnO or TiO₂ on glass plates. 3rd International Conference “Industrial and Hazardous Waste Management”, Chania, Greece, 12-14 September 2012.
35. P. Babatsouli, I. Palogos, **D. Venieri**, N. Kalogerakis, 2012. Poster: Evaluation of MBR performance treating wastewater at the industrial park of Heraklion. 3rd International Conference “Industrial and Hazardous Waste Management”, Chania, Greece, 12-14 September 2012.
36. E. Korkakaki, E. Antoniou, M. Nikolopoulou, **D. Venieri**, N. Kalogerakis, 2012. Oral presentation: Biosurfactant production from an isolated marine bacterial community. Environmental Microbiology and Biotechnology in the frame of the Knowledge-Based Bio and Green Economy (EMB2012), Bologna, Italy, 10-12 April 2012.
37. C. Bouki, **D. Venieri**, D. Mantzavinos, E. Diamadopoulos, 2013. Oral presentation: Occurrence and inactivation of antibiotic resistant bacteria isolated from water and wastewater. International Conference on Environmental Science and Technology, Cappadocia, Turkey, 18-21 June 2013.
38. P. Babatsouli, S. Fodelianakis, **D. Venieri**, M. Dialynas, M. Koykaras, N. Kalogerakis, 2013. Oral presentation: Evaluation of a compact system (AdvanTex) for saline wastewater treatment. 13th International Conference on Environmental Science and Technology – CEST2013, Athens, Greece, 5-7 September 2013.
39. P. Babatsouli, S. Fodelianakis, **D. Venieri**, M. Dialynas, N. Kalogerakis, 2013. Oral presentation: Saline wastewater treatment for aquaculture facilities. 7th International Conference on Environmental Engineering and Management - Integration ICEEM, Vienna, Austria, 18-21 September 2013.
40. **D. Venieri**, A. Fragedaki, M. Kostadima, E. Chatzisyneon, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2013. Oral presentation: Investigation of Mn & Co doped TiO₂ semiconductors for solar photocatalytic disinfection purposes. 3rd European conference on environmental applications of advanced oxidation processes –EAAOP3, Almeria, Spain, 28-30 October 2013.
41. **D. Venieri**, E. Chatzisyneon, C. Brebou, M.I. Polo-López, I. García-Fernández, D. Mantzavinos, P. Fernández-Ibáñez, 2013. Poster: Solar photo-Fenton inactivation of *Legionella*

pneumophila in environmental samples. 3rd European conference on environmental applications of advanced oxidation processes –EAAOP3, Almeria, Spain, 28-30 October 2013.

42. **D. Venieri**, I. Gounaki, V. Binas, Zachopoulos A., G. Kiriakidis, D. Mantzavinos, 2014. Poster: Inactivation of MS2 coliphages in sewage by solar photocatalysis using metal-doped TiO₂. 2nd International conference on recycling and reuse, Istanbul, Turkey, 4-6 June 2014.
43. **D. Venieri**, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Poster: Inactivation of MS2 coliphages in sewage by solar photocatalysis using metal-doped TiO₂. 8th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA8), Thessaloniki, Greece, 25-28 June 2014.
44. **D. Venieri**, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Poster: Solar photocatalysis and metal-doped TiO₂: elimination of *Klebsiella pneumoniae* in water & study of generated genetic polymorphisms. 8th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA8), Thessaloniki, Greece, 25-28 June 2014.
45. C. Bouki, **D. Venieri**, E. Diamadopoulou, 2014. Oral presentation: Occurrence of antibiotic resistant bacteria isolated from surface water and wastewater in Chania. 4th International Conference “Industrial and Hazardous Waste Management”, Chania, Greece, 2-5 September 2014.
46. **D. Venieri**, I. Gounaki, A. Fraggadaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, 2014. Oral presentation: From photocatalytic materials to environmental microbiology: science and applications. 5th International Symposium on Transparent Conductive Materials (TCM 2014), Chania, Greece, 12-17 October 2014.
47. A. Kaliakatsos, **D. Venieri**, T. Manios, N. Kalogerakis, 2015. Poster: Efficiency of a constructed wetlands system for wastewater treatment: removal of bacterial indicators and enteric viruses. 6th European Bioremediation Conference, Chania, Greece, June 29 - July 2, 2015.
48. M. Bikouvaraki, I. Gounaki, V. Binas, A. Zachopoulos, G. Kiriakidis, D. Mantzavinos, **D. Venieri**. Oral presentation: Inactivation of *Klebsiella pneumoniae* in sewage by solar photocatalysis and investigation of changes in antibiotic resistance profile. 14th International Conference on Environmental Science and Technology, CEST 2015, Rhodes, 3-5 September 2015.