

Curriculum vitae

Emmanouil Malandrakis

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Personal details

First Name: Emmanouil

Last Name: Malandrakis

Date of birth: 28.2.1980

Education

2014: Ph.D. in Agricultural Sciences

University of Thessaly, Department of Ichthyology and Aquatic Environment, Greece.

2006: M.Sc. in Sustainable Management of Aquatic Environment

University of Thessaly, Department of Agriculture Animal Production and Aquatic Environment, Greece.

2004: 5-year Diploma

University of Thessaly, Department of Agriculture Animal Production and Aquatic Environment, Greece.

Short courses

2023: University of Zadar, Croatia. Joint Master Programme in Marine Biotechnology. Training week. Zadar 19-23 June. Research for Society (Horizon 2020)

2022: La Rochelle University, France International staff training week. 28 – 30 June 2022. EU-CONEXUS.

2021: University of Crete and the Institute of Molecular Biology and Biotechnology (FORTH, Hellas). Care and use of laboratory animals: mice, rats and zebrafish (FELASA ID: F051/15). 12 April – 16 June 2021.

2019: Institute of Marine Research, Bergen Norway. Training course: Laboratory animal science for aquatic research facilities. 17 – 21 June 2019. Funded by H2020 - AQUAEXCEL2020 project.

2013: European Molecular Biology Laboratory (EMBL), Heidelberg, Germany.

Advanced course: Towards Next-Generation Sequencing data integration. 23 – 25 September 2013. The course was funded by the Thales Project “Reinforcement of the interdisciplinary and/or inter-institutional research and innovation with the possibility of attracting high standard researchers from abroad through the implementation of basic and applied excellence research”.

2008: European Molecular Biology Laboratory (EMBL), Heidelberg, Germany.

Network of Excellence Marine Genomics Europe joint EMBL/Sigma qPCR practical course. 23 – 27 June 2008. Network of Excellence Marine Genomics Europe (NoE MGE) funded the course fees.

Professional Experience

2019-now: Assistant Professor, Department of Animal Science, Agricultural University of Athens
2016-2019: Production Manager, Roussas Dairy SA, Greece
2014 – 2016: Post-doctoral scholar, University of Thessaly, Greece
2014 – 2015: Post-doctoral scholar. Agricultural University of Athens, Greece
2005 – 2015: Research associate in research projects (analyzed below in Research projects session)
2004 – 2005: Intern in Sea Farm Ionian SA (Nireus Aquaculture Group), Fthiotida, Greece
2001: Intern in Institute of Aquaculture, Hellenic Center for Marine Research, Crete, Greece

Research projects

2023 – 2026 Blue Career Centre for Aquaculture Education supported by a gamification approach and distance learning platform (BlueAquaEdu). European Maritime, Fisheries and Aquaculture Fund (EMFAF). Grant agreement number 101124699

2023 – 2024 Joint Master Programme in Marine Biotechnology. ERASMUS2027. Grant agreement number 1010505

2021-2023: Project Coordinator. Agricultural University of Athens. Use of yeasts and fungi in sea bream diets towards improving skin pigmentation and immune response – BRIGHTFISH (AUA, UTH, Dioni Aquaculture PC). OP Maritime and Fisheries 2014-2020.

2020-2022: Agricultural University of Athens. European University for Smart Urban Coastal Sustainability. Erasmus+ /KA2 Strategic partnerships. Grant Agreement No 612599

2019: Compensatory growth and single nucleotide variation in European sea bass (*Dicentrarchus labrax*). Wageningen University and Research. TNA Project No AE120002. AQUAEXCEL H2020.

2015: Agricultural University of Athens. Use of discarded fish species in aquafeeds for experimental rearing of sea bream and sea bass. Funded by the European Fisheries Fund.

2014-2015: University of Thessaly. Utilization of processed animal proteins (PAP) in fish feed of gilthead sea bream (*Sparus aurata*). Funded by the European Fisheries Fund.

2014-2015: University of Thessaly. Application of contemporary practices towards minimization of aquaculture environmental impact on the substrate: Sea cucumber *Holothuria tubulosa* as a case study

2014-2015: University of Thessaly. Growth compensation: a novel & friendly to the environment practice towards cost reduction in Hellenic aquaculture. Funded by the European Fisheries Fund.

2012-2014: University of Thessaly. THALES - Marine angiosperm tolerance on environmental stress: physiological - cellular - biochemical - molecular mechanisms related to species and habitat diversity.

2012: University of Thessaly. Research project: Applying new techniques in intensive rearing of seabream (*Sparus aurata*). Funded by INVE Hellas SA.

2010: Hellenic Center for Marine Research - University of Thessaly. Joint research project: Enhancement of high-quality fish populations along the coasts of Lasithi Prefecture: *Mullus surmuletus* as a case study. Funded by Region of Crete.

2009: University of Thessaly. Lab of Ichthyology and Hydrobiology. Funded by the aquaculture private sector.

2008: University of Thessaly. Research project: Evaluation of genetic stock towards improvement of fisheries stock in the area of Vistonida Lake. Co-funded by the European Union and the Greek State

2007: University of Thessaly. Research project: Stocking of Dover sole (*Solea solea*) juveniles towards restoration and conservation of fisheries stock in Pagasitikos Gulf. Co-funded by the European Union and the Greek State

2007: University of Thessaly. Research project: Support structure establishment of fisheries and economic activities in Pagasitikos Gulf. Co-funded by the European Union and the Greek State

2005-2006: University of Thessaly. Research project: Evaluation of quality characteristics of reared edible snail *Helix aspersa*. Pythagoras II project. Co-funded by the European Union and the Greek State

Teaching experience

Undergraduate

Aquaculture – Agricultural University of Athens

Production of Aquatic Organisms – Agricultural University of Athens

Biochemistry (BΠ1501) – University of Thessaly

Aquaculture I (ΥΔ303) – University of Thessaly

Management of aquaculture enterprises (ΥΔ306) – University of Thessaly

Postgraduate

Fish nutrigenomics – Erasmus Mundus Joint Master Program in Marine Biotechnology

Fish health and welfare – Erasmus Mundus Joint Master Program in Marine Biotechnology

Advanced Breeding Programmes – Erasmus Mundus Joint Master Program in Marine Biotechnology

Contemporary technologies in Aquaculture – Entrepreneurship and Consultancy in Rural Development Master's Program – Agricultural University of Athens

Welfare and Health management of fish – Mediterranean Aquaculture Master's program – University of Thessaly

Supervising and Mentoring

Supervisor of 6 undergraduate theses

Member of the committee of 11 undergraduate theses

Supervisor of 1 MSc thesis

Member of the committee of 5 MSc theses

Supervisor of 1 PhD thesis

Member of the examining committee of 2 PhD theses

Skills

Languages

Greek (native)

English (TOEIC Listening and Reading Test C2 Reading Score 440/495, Listening Score 495/495, Total Score 935/990 B2 First Certificate in English, Cambridge University,)

Spanish (B2 National Foreign Language Exam System, Dele A2 Instituto Cervantes)

IT skills

MS Windows, Linux Ubuntu, MS Office, Web design, Image processing (Adobe Photoshop, Adobe Illustrator), Data bases (MS Access), Internet and LAN (Internet Explorer, Mozilla Firefox), statistical analysis (PASW, SPSS, SAS JMP), population genetics analysis (Strand, GenAlex, Arlequin, Bottleneck, BioEdit), DNA sequence and primer design (Beacon Designer, Allele ID, Array Designer, Primer3, ClustalW, BLAST), SNP and microsatellite genotyping, RT-qPCR, RAPD and RFLP analyses, next-generation sequencing analysis (FASTX toolkit, SEECER, Trinity, Oases, SOAPdenovoTrans, Tophat, Bowtie, Cufflinks, CORSET, DESeq).

Technical skills

DNA – RNA extraction, PCR and RT-qPCR, molecular cloning, HRM genotyping, microsatellite genotyping, RAPDs, RFLPs, SCGE, ELISA, electrophoresis, genomic library construction, RACE.

Scuba Diving

PADI Open Water Diver

Reviewer for the scientific journals (32 manuscripts):

Scientific Reports, Gene, Comparative Biochemistry and Physiology Part B, Animals, International Journal of Molecular Sciences, Marine Biotechnology, Hydrobiologia, SpringerPlus, Journal of Marine Science: Research and Development, Environmental Engineering and Management Journal, AgriGene, Journal of Marine Science and Engineering, Cells, Sustainability, Antibiotics, Biology, GenAqua

Scientific publications

Peer-reviewed journal papers

1. Ntantalı O., **Malandrakis E. E.**, Abbink W., Bastiaansen J., Chatzoglou E., Karapanagiotidis I.T., Golomazou E. and P. Panagiotaki (2023). Effects of short-term intermittent fasting on growth performance, fatty acids profile, glycolysis and cholesterol synthesis gene expression in European seabass *Dicentrarchus labrax*. *Fishes* 8(12), 582.
2. Chatzoglou E., Tsaousi N, Apostolidis A., Exadactylos A., Sandaltzopoulos R., Giantsis I.A, Gkafas G, **Malandrakis E.E.**, Sarandopoulou J., Tokamani M., Triantaphyllidis G and H. Miliou (2023). HRM analysis for rapid molecular identification of Sparidae species in the Greek fish market. *Genes* 14(6), 1255.

3. Kavouras, M., **Malandrakis, E.E.**, Blom, E., Tsilika, K., Danis, T., Panagiotaki, P. and A. Exadactylos (2021) Malpigmentation of *Solea solea* during metamorphosis is associated with differential synaptic-related gene expression. *Animals*, 11(8), 2273.
4. Golomazou E., **Malandrakis, E.E.**, Panagiotaki, P. and P. Karanis (2021) Cryptosporidium in fish: Implications for aquaculture and beyond, *Water Research*, 201, 117357
5. Ntantali, O., **Malandrakis, E.E.**, Abbink, W., Golomazou, E., Karapanagiotidis, I.T., Miliou, H., and Panagiotaki, P. (2020) Whole brain transcriptomics of intermittently fed individuals of the marine teleost *Sparus aurata*. *Comparative Biochemistry and Physiology - Part D: Genomics and Proteomics*. Volume 36, December, 100737
6. Psfakis, P., Karapanagiotidis, I.T., **Malandrakis, E.E.**, Golomazou, E., Exadactylos, E., and E. Mente (2020) Effect of fishmeal replacement by hydrolyzed feather meal on growth performance, proximate composition digestive enzyme activity, haematological parameters and growth-related gene expression of gilthead seabream (*Sparus aurata*). *Aquaculture*. 521: 735006
7. Kavouras, M., **Malandrakis, E.E.**, Danis, T., Blom, E., Anastassiadis, K., Panagiotaki, P., and A. Exadactylos (2019) Hox genes polymorphism depicts developmental disruption of common sole eggs. *Open Life Sciences*. 14: 549–563
8. Gkafas, G.A., Hatzioannou, M., **Malandrakis, E.E.**, Tsigenopoulos, C.S., Karapanagiotidis, I.T., Mente, E., Vafidis, D., and A. Exadactylos (2019) Heterozygosity fitness correlations and generation interval of the Norway lobster in the Aegean Sea, eastern Mediterranean. *Journal of Biological Research-Thessaloniki* 26:14.
9. Karapanagiotidis, I.T., Psfakis, P., Mente, E., **Malandrakis, E.E.** and E. Golomazou (2018). Effect of fishmeal replacement by poultry by-product meal on growth performance, proximate composition, digestive enzyme activity, haematological parameters and gene expression of gilthead seabream (*Sparus aurata*). *Aquaculture Nutrition*. 25: pp. 3-14.
10. Kavouras, M., **Malandrakis, E.E.**, Golomazou E., Konstantinidis, I., Blom, E., Arjan P. Palstra, AP, Anastassiadis K., Panagiotaki, P and A. Exadactylos (2018). Hox gene expression profiles during embryonic development of common sole. *Animal Biology*. 69(2): pp. 183-198.
11. **Malandrakis E.E.**, Dadali O., Kavouras M., Danis T., Panagiotaki P., Miliou H., Kuepper F. and Exadactylos A. (2017). Identification of the abiotic stress-related transcription in little Neptune grass *Cymodocea nodosa* with RNA-seq. *Marine Genomics*. 34: pp. 47-56
12. Golomazou E., **Malandrakis E.E.**, Kavouras M, Karatzinos T., Miliou H., Exadactylos A. and Panagiotaki P. Anaesthetic and genotoxic effect of medicinal plant extracts in gilthead seabream (*Sparus aurata* L.). *Aquaculture*. 464: pp. 673-682
13. **Malandrakis, E.E.**, Dadali, O., Golomazou E., Kavouras, M., Dailianis S., Chadio, S., Exadactylos, A. and Panagiotaki, P. (2016) Effects of physical stress on DNA integrity, gene expression and blood cortisol in gilthead seabream (*Sparus aurata*). *General and Comparative Endocrinology*. 236: pp. 98-104.
14. Chatzidimopoulos M., Psomopoulos F., **Malandrakis E.E.**, Ganopoulos I., Madesis P., Vellios E.K. and Drogoudi P. (2016) Comparative genomics of *Botrytis cinerea* strains with differential multi-drug resistance. *Frontiers in Plant Science*. 7

15. **Malandrakis E.E.**, Exadactylos A., Dadali O., Golomazou E., Klaoudatos S. Panagiotaki P. (2014). Molecular cloning of four glutathione peroxidase (GPx) homologs and their expression during stress exposure of the marine teleost *Sparus aurata*. *Comparative Biochemistry and Physiology - Part B: Biochemistry & Molecular Biology*. 168: pp. 53-61.
16. Golomazou E., Exadactylos A., **Malandrakis E.E.**, Karatzinos T., Gkafas G., Dadali O., Panagiotaki O. (2014). Early diagnosis of enteromyxosis in intensively reared sharpnose seabream, *Diplodus puntazzo*. *Aquatic Living Resources*. 27: pp. 99–106
17. Exadactylos A., **Malandrakis E. E.**, Panagiotaki P., Geffen A. J. (2013). The development of size variation in Dover sole, *Solea solea* and turbot, *Scophthalmus maximus*: genetic variability between different geographic and among year class farmed strains. *Aquaculture Research*. 44: 1912–1925.
18. Dimopoulos D., Panagiotaki P., Golomazou E., **Malandrakis E.**, Dadali O., Martsikalis P., Exadactylos A., Klaoudatos S., Neofitou C. (2010). Partial replacement of fresh algae with dry, in intensive sea bream larval production. *International Aquatic Research*. 2(3): pp. 163-166.
19. Mente E., Karapanagiotidis I.T., Logothetis P., Vafidis, D. **Malandrakis E.E.**, Neofitou N., Exadactylos A., and Stratakos A. (2009). The reproductive cycle of Norway lobster (*Nephrops norvegicus*). *Journal of Zoology*. 278(4): pp. 324 – 332
20. Georgoulakis I.E., Alexopoulos K., Miliotis C., **Malandrakis E.E.**, Kyriakis S.C. (2004). Evaluation of Toyocerin®, a probiotic containing *Bacillus toyoi* spores, on the health status and performance of sows and their litters. *Journal of the Hellenic Veterinary Medical Society*. 55(1): pp. 34-45

Book chapters

21. **Malandrakis E.E.**, Golomazou E., and Panagiotaki P. (2019). Fish and Genes: From Marine Ecology to Applied Hydrobiology and Beyond. Reference Module in Earth Systems and Environmental Sciences. Elsevier
22. Panagiotaki P. and **E.E. Malandrakis** (2018) Aquatic environment and fish welfare in aquaculture in Nriagu J.O. (Ed.) Encyclopedia of Environmental Health. Elsevier.
23. **Malandrakis E.E.** and O. Dadali (2018) Genome guided transcriptomics, DNA-protein interactions and variant calling in Abdurakhmonov I. (Ed.) Bioinformatics in the Era of Post Genomics and Big Data. Intech
24. **Malandrakis E.E.**, Danis T., Iona A. and A. Exadactylos. (2017) Abiotic stress of seagrasses: Recent advances in transcriptomics, genomics and systems biology in Kumar M and Ralph P. (Eds) System Biology in Marine Ecosystem. Molecular Ecology Series. Springer

Reviewed conference papers

25. Malandrakis E., Zantioti C. and C. Raptis 2023. Behavioral responses related to domination of gilthead seabream individuals on population structure change. Aquatic and Coastal Ecosystems:

Challenges and Opportunities towards Sustainable Development, 16-17 November, Rostock, Germany.

26. Psafakis P., Katouni A.M., Asimaki A., Gkalogianni E.Z., Neofytou M., Tampou A., Golomazou E., Panagiotaki P., Berillis P., Ntantali O., Malandrakis E., Henry M. and I.T. Karapanagiotidis 2023. Dietary supplementation with various yeast products and extracts on growth performance, immunology and histomorphology of gilthead seabream (*Sparus aurata*). Aquaculture Europe 2023, Vienna Austria
27. Zantioti C., Vourlas E., Ntantali O., Karapanagiotidis I.T., Chatzoglou E., Miliou H., Malandrakis E.E. 2023. *Rhodotorula mucilaginosa* enriched diets regulate gene expression of the posterior intestine in gilthead seabream *Sparus aurata*. Aquaculture Europe 2023, Vienna Austria
28. Asimaki A, Katouni A.M., Gkalogianni E.Z., Psafakis P., Neofytou M., Tampou A., Golomazou E., Panagiotaki P., Berillis P., Ntantali O., Malandrakis E., Henry M. and I.T. Karapanagiotidis 2023. Dietary supplementation with *Agaricus bisporus*, *Agaricus bisporus portobello* and *Pleurotus* sp. on growth performance, immunology and histomorphology of gilthead seabream (*Sparus aurata*) Aquaculture Europe 2023, Vienna Austria
29. Malandrakis E.E., Kavouras M., Zantioti C., Ntantali O., Chatzoglou E., Karapanagiotidis I.T., Lagkouvardos I. and H. Miliou 2023. Effects of freeze-dried *Rhodotorula mucilaginosa* in fish feed of *Sparus aurata* on the fish gut microbiome. Aquaculture Europe 2023, Vienna Austria
30. Malandrakis E.E., C. Zantioti, I.T. Karapanagiotidis, E. Chatzoglou and H. Miliou 2022. Preliminary results on the inclusion of lyophilized yeast *Rhodotorula mucilaginosa* in gilthead sea bream *Sparus aurata* diet. EAS Aquaculture Europe 2022, Rimini, Italy (poster).
31. Ntantali, O., Malandrakis E.E., Abbink W., Golomazou E., I.T. Karapanagiotidis I.T., Bastiaansen J, Tsope lakos A, Chatzoglou E., Miliou H. and P. Panagiotaki 2022. Effects of fasting and weight gain on proximate composition and fatty acid profiles of European seabass *Dicentrarchus labrax*. EAS Aquaculture Europe 2022, Rimini, Italy (poster).
32. Chatzoglou E., Tsaousi N., Malandrakis E. and H. Miliou 2022. The use of rapid molecular techniques for the identification of *Epinephelus aeneus* and *E. marginatus* from greek catches. EAS Aquaculture Europe 2022, Rimini, Italy (poster).
33. Miliou H., Baer-Eiselt I., Baltaretu F., Charitou V., Chatzoglou E., Chirivella J., Daunys D., De Luis Margarit A., Flemetakis E., Kintzios S., Malandrakis E.E., Mavrikou S., Moschopoulou G., Narbutiene N., Ntalamaga N., Papageorgiou L., Penezić Z., Razinkovas-Baziukas A., Sancho A, Tena J., Tsope lakos A., Vidal P, Vlachakis D., Zjalić S. and J.M. Ogier EU-CONEXUS European University for smart urban coastal sustainability: education and research related to aquaculture. EAS Aquaculture Europe 2022, Rimini, Italy (poster).
34. Chatzoglou, E., Tsaousi, N., Triantaphyllidis, G., Malandrakis, E. and Miliou H. molecular tools for rapid identification of the Sparidae species in the greek market. GIA2022, Granada, Spain

35. Ntantali O., Malandrakis E.E., Golomazou E., Karapanagiotidis I., Panagiotaki P. 2021. Effect of feed deprivation on growth performance and proximate composition in gilthead seabream. 4th International Congress of Applied Ichthyology & Aquatic Environment - Hydromedit, 2021 (online)
36. Malandrakis E.E. and C. Zantioti 2021. Determining skin pigmentation of gilthead seabream *Sparus aurata*: a comparative approach of chromatometry and digital photography. EAS Aquaculture Europe 2021, Madeira, Portugal (poster).
37. Ntantali O., **Malandrakis E.E.**, Abbink W., Golomazou E., Bastiaansen J., Chatzoglou E., Miliou E. and Panagiotaki P. 2021. Intermittent feeding and growth of European seabass: insights from gene expression and blood biochemical parameters. EAS Aquaculture Europe 2021, Madeira, Portugal
38. Chatzoglou E., Tsaoussi N., Triantaphyllidis G., **Malandrakis E.** and H. Miliou 2021. The use of complete mtDNA of the red porgy *Pagrus pagrus* as a molecular tool towards fish authenticity. EAS Aquaculture Europe 2021, Madeira, Portugal
39. Kavouras M., **Malandrakis E.E.**, Gkafas G., Blonk R.J.W., Anastassiadis K., Panagiotaki P. and Exadactylos A. (2014) *Hox* genes polymorphism in early life history of *Solea solea*. 9th International Flatfish Symposium, Washington, USA
40. Pappas, N., Panagiotaki, P., Matsiori, S., Golomazou, E., **Malandrakis E.**, Martsikalis P., Dadali, O., Exadactylos, A. and Neofytou, N. (2011) Cost evaluation of seabream and sea bass larval production in Greek hatcheries. Aquaculture Europe 11, October 18-21, Rhodes, Greece.
41. Martsikalis, P., Palouki, V., Kavouras, M., **Malandrakis E.**, Zambounis, A., Golomazou, E., Apostolidis, A., Moutou A., Boziaris, I., Panagiotaki, P., Exadactylos, A. (2011) Isolation and quantification of free aminoacids in rainbow trout *Oncorhynchus mykiss* (Walbaum 1792). 4th International Congress of Hydrobiology and Fisheries, Volos, Greece.
42. Chasan E., **Malandrakis, E.**, Martsikalis, P., Golomazou E., Exadactylos, A., Neofitou C., and Panagiotaki P. (2011) The influence of sedation in stress response of seabream (*Sparus aurata* L. 1758). 4th International Congress of Hydrobiology and Fisheries, Volos, Greece.
43. Saitis A., Panagiotaki P., Exadactylos A., Golomazou E., **Malandrakis E.**, Dadali O., Klaoudatos S., and Neofitou C. (2011). Intensive rearing of genetically selected fish: Preliminary results. 4th International Congress of Hydrobiology and Fisheries, Volos, Greece.
44. Kavouras M., **Malandrakis E.E.**, Dailianis S., Dadali O., Chatzipli K., Golomazou E., Panagiotaki P., Kaloyianni M., Exadactylos A. (2010). DNA damage and repair efficiency (comet assay) in intensively reared sea bream (*Sparus aurata*), exposed to heavy metals. CIESM, Venice, Italy.
45. Dadali O., **Malandrakis E.E.**, Palaiokostas C., Tsigenopoulos C., Magoulas A., Karapanagiotidis I.T., Neofitou N., Zampounis A., Mente E., Panagiotaki P., Vafidis D., Exadactylos A. (2009). Temporal and spatial genetic diversity of the edible decapod crustacean, *Nephrops norvegicus* (Linnaeus, 1758). 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (I.C.Z.E.G.A.R.), Heraklion, Crete, Greece.

46. **Malandrakis E.E.**, Gogas A., Chatzipli A., Dadali O., Tsigenopoulos C., Magoulas A., Panagiotaki P., Lazaridou-Dimitriadou M., Neofitou C., Exadactylos A. (2008). Genetic diversity of edible snail (*Helix aspersa* M.) populations in southern Hellas and Cyprus. Congress of the European Malacological Societies, 2 – 8 September, Azores, Portugal.
47. Karapanagiotidis I.T., Mente E., Loghothetis P.N., Vafidis D., **Malandrakis E.E.**, Exadactylos A., Neofitou N. (2008). Research on *Nephtrops norvegicus* reproduction in Pagasitikos gulf in Greece. Aquaculture Europe 08, 16-18 September, Krakow, Poland.
48. **Malandrakis E.E.**, Gogas A., Hatzioannou M., Panagiotaki P., Lazaridou-Dimitriadou M., Neofitou C., Exadactylos A. (2007). Morphological and shell quality natural population diversity of the edible snail (*Helix aspersa* M.), in southern Hellas. 16th World Congress of Malacology, 15-20 July, Antwerp, Belgium.
49. **Malandrakis E.E.**, Golomazou E.N. and Georgoulakis I.E. (2006). Parasitic interactions between cultured and wild marine species. 3rd International Congress on Aquaculture, Fisheries Technology and Environmental Management, 3–4 November, Athens, Greece.

Abstracts conference papers

50. Arabatzi-Ziamou D, Golomazou E, Gkafas G, Malandrakis EE, Panagiotaki P, Exadactylos A. (2013) Early molecular tracing of Lymphocystis Disease Virus (LCDV) in intensively reared gilthead sea bream (*Sparus aurata*). 15th Hellenic Conference of Ichthyologists, Thessaloniki (in Greek)
51. Pikoulas T., Panagiotaki, P., Exadactylos, A., **Malandrakis, E.**, Martsikalis, P., Dadali, O., Klaoudatos, S. and Neofitou C. (2012). Comparison of four slaughtering methods in stress profile of seabream (*Sparus aurata*). 10th Symposium of Oceanography and Fisheries, Athens (in Greek).
52. Evangelidis, P., Panagiotaki P., **Malandrakis, E.**, Exadactylos., A., Klaoudatos S., and Neofitou C. (2010) The effect of cyclic feeding on growth and behaviour in goldfish (*Carassius auratus*, Linnaeus 1758). 14th Panhellenic Conference of Ichthyologists., Piraeus. (in Greek).
53. Kavouras, M., Kassimatis, D., Dadali, O., Chatzipli K., **Malandrakis E.E.**, Golomazou E., Exadactylos., A., Panagiotaki, P. (2009). DNA damage detection utilizing comet assay in intensively reared fish under stressful conditions. 9th Symposium of Oceanography and Fisheries, Patras. (in Greek).

Posters

54. **Malandrakis E.E.** and C. Zantioti 2021. Determining skin pigmentation of gilthead seabream *Sparus aurata*: a comparative approach of chromatometry and digital photography. EAS Aquaculture Europe 2021, Madeira, Portugal (poster)
55. Miliou H., I. Baer-Eiselt, F. Baltaretu, V. Charitou, E. Chatzoglou, D. Daunys, L. Delvaux, A. De Luis, E. Fletmetakis, S. Kintzios, A. Margineanu, **E. Malandrakis**, S. Mavrikou, G. Moschopoulou, N. Ntalamagka, Z. Penezić, A. Sancho, J. Tena, A. Tsopelakos, L. Vaucel, P. Vidal, D. Vlachakis, R. Viederyte, S. Zjalić, J.M. Ogier 2021 EU-CONEXUS European University for smart urban coastal

sustainability: recent advances in education, research and societal challenges. EAS Aquaculture Europe 2021, Madeira, Portugal

56. **Malandrakis E.**, A. Tsopelakos, E. Chatzoglou, I. Baer-Eiselt, N. Ntalamagka, L. Delvaux, F. Baltaretu, V. Charitou, E. Flemetakis, S. Kintzios, A. De Luis, A. Margineanu, G. Moschopoulou, N. Narbutiene, A. Sancho, P. Vidal A and H. Miliou 2021. EU-CONEXUS – European University for smart urban coastal sustainability: Education and research. EAS Aquaculture Europe 2020 online conference
57. **Malandrakis, E.** (2011) Heavy metal genotoxicity in aquatic organisms. 4th International Congress of Hydrobiology and Fisheries, Volos, Greece.
58. Panagou A., Golomazou, E., **Malandrakis, E.**, Martsikalis, P., Kavouras, M., Klaoudatos S., and Panagiotai P. (2010) Evaluation of oxytetracycline intake, related with fish feed consumption time. 14th Panhellenic Conference of Ichthyologists., Pireus. (in Greek).
59. Ekonomou, G., Zambounis, A., Megalofonou, P., Batzakas, I., Gkafas, G., **Malandrakis, E.**, Kavouras, M., Martsikalis, P., Dadali, O., Panagiotaki, P., Vafidis, D., and Exadactylos, A (2010) Molecular phylogenetic species-specific interrelations of the Elasmobranchii subclass in Hellas.14th Panhellenic Conference of Ichthyologists., Pireus. (in Greek).
60. Papadopoulou A., Golomazou E., **Malandrakis, E.E.** and Panagiotaki P. (2008). Use of natural immunomodulators in aquaculture. 3rd International Congress of Hydrobiology and Fisheries, Arta, Greece.
61. **Malandrakis E.E.**, Kavouras M., Kassimatis D., Dadali O., Chatzipli C., Golomazou E., Exadactylos A. and Panagiotaki P. (2008). Fish welfare: stress evaluation using alkaline comet assay. 3rd International Congress of Hydrobiology and Fisheries, Arta, Greece.

Society Memberships

1. European Aquaculture Society (E.A.S.)
2. Hellenic Society of Animal Production (H.S.A.P.)
3. Hellenic Society for Biological Sciences (H.S.B.S.)
4. Geotechnical Chamber of Greece (GEOTEE)