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Education

1994 B.Sc. Biology, University of Athens, Greece

1998 Ph.D. Marine Biology, University of Athens, Greece

Professional experience

1992-1998 Assistant Researcher, Department of Zoology - Marine Biology, University of Athens, Greece

2000-2001 Post doctoral fellow of the National Foundation of State Scholarships, Greece

2000-2002 Post doctoral investigator of the NATO Science Programme and the NASA Astrobiology Institute, Woods Hole Oceanographic Institution, U.S.A.

2002 – 2005 Research Associate, Department of Zoology - Marine Biology, University of Athens, Greece

2005 – present Assistant Professor (2005-2010), Associate Professor (2010-2015), Professor (2015-present), Department of Ichthyology & Aquatic Environment, University of Thessaly, Greece

Scientific visits

1997 Postgraduate ERASMUS (EU) scholar at the Plymouth Marine Laboratory, U.K.

- 2000 Visiting scientist at the Trondhjem Research Infrastructure, Norway.
- 2005 Visiting scientist at the Institute for Biological Resources and Functions, Advanced Institute for Industrial Science and Technology, Tsukuba, Japan
- 2007 Visiting scientist at the Winogradsky Institute of Microbiology, Russian Academy of Sciences, Moscow, Russia.
- 2013 One semester sabbatical in Dr. V. P. Edgcomb's laboratory, Woods Hole Oceanographic Institution, USA

Undergoing projects

- 2017 – 2020 "Development and **Optimization of an Aquaponic System to Increase Sustainability in food production (foodOASIS)**". National Strategic Reference Framework 2014 – 2020 (EU). Principal Investigator Assoc. Prof. N. Katsoulas (University of Thessaly, Greece).
- 2017 – 2020 "Origin, speciation and mobilization of mercury in aquifers: Investigating methods of mobilization suppression and remediation of drinking water". Stavros Niarchos Foundation, Principal Investigator Associate Professor Chrysi Laspidou (University of Thessaly, Greece).
- 2018 – 2023 "Controlling mlcRobiomes Circulations for bEtter food Systems" (CIRCLES). Scientific Coordinator: Marco Candela, Universita Di Bologna, Italy. Horizon 2020, European Commission.
- 2018 – 2022 "Future growth in sustainable, resilient and climate friendly organic and conventional European aquaculture" (FutureEUAqua). Horizon 2020, European Commission.
- 2019 – 2021 "Insect meal as an alternative source of protein in the aquafeed for fish farming." National Strategic Reference Framework 2014 – 2020 (EU). Principal Investigator Assoc. Prof. E. Antonopoulou (Aristotle University of Thessaloniki, Greece).
- 2019 – 2021 "Improvement of broodstock management and fingerling production methods for greater amberjack (*Seriola dumerili*).". National Strategic Reference Framework 2014 – 2020 (EU). Principal Investigator C. Mylonas (Hellenic Centre for Marine Research, Greece)

Recent international conferences

- Katsoulas A, Touraki M, **Kormas K**, Antonopoulou E (2019) Bisphenol–A interactions with the gut and feces microbiotame of rainbow trout (*Oncorhynchus mykiss*). 8th Conference of the Hellenic Society of MicroBioKosmos, 18-20/04/2019, Patras, Greece.
- Macingo CS, **Kormas KA**, Karayanni H (2019) Distance-decay relationship of aquatic unicellular eukaryotes in mountainous vernal pools in Thessaly, Central Greece. 8th Conference of the Hellenic Society of MicroBioKosmos, 18-20/04/2019, Patras, Greece.

- Meziti A, Nikouli E, Hatt J, Konstantinidis KT, **Kormas KA** (2019) Stable microbial communities in the Thermopyles geothermal springs over a six-year period as revealed by shotgun metagenomics. 8th Conference of the Hellenic Society of MicroBioKosmos, 18-20/04/2019, Patras, Greece.
- Panteli N, Mastoraki M, Nikouli E, Chatzifotis S, Mente E, **Kormas KA**, Antonopoulou E. (2019) Gut microbiota composition of farmed sea bass (*Dicentrarchus labrax*) and the significance of individual variability. 8th Conference of the Hellenic Society of MicroBioKosmos, 18-20/04/2019, Patras, Greece.
- Tampou A, Nikouli E, Mente E, **Kormas KA** (2019) Satellite bacteria of *Tetraselmis suecica* and *Tisochrysis lutea* cultures. 8th Conference of the Hellenic Society of MicroBioKosmos, 18-20/04/2019, Patras, Greece.
- Tsoumalakou E, Mente E, Katsoulas N, **Kormas KA**, Berillis P, Vlahos P, Stathopoulou E, Levizou E (2019) Nutrient input in a small scale aquaponic system: effect on lettuce functional responses and tilapia growth. Aquaculture Europe 2019, Berlin, Germany, 07-10/10/2019
- Panteli N, Mastoraki M, Nikouli E, Chatzifotis S, Mente E, **Kormas KA**, Antonopoulou E (2019) Individual variability affects gut microbiota in sea bream and seabass fed with insect meal containing diets. 2nd International Fish-Microbiota Workshop, Eugene, OR, USA 03-05/09/2019

Peer-reviewed papers (Total = 96; h-index=26; Scopus, Web of Science, Google Scholar)

- Papadimitriou T, Katsiapi M, Vlachopoulos K, Christopoulos A, Laspidou C, Moustaka-Gouni M, **Kormas K** (2018) Cyanotoxins as the “common suspects” for the Dalmatian pelican (*Pelecanus crispus*) deaths in a Mediterranean reconstructed reservoir. Environ. Pollut. 234:779-787
- Mente E, Nikouli E, Antonopoulou E, Martin SAM, **Kormas K** (2018) Core vs. diet-associated and postprandial bacterial communities of the rainbow trout (*Oncorhynchus mykiss*) midgut and faeces. Biol. Open. 7,bio034397
- Xaxiri N-A, Nikouli E, Berillis P, **Kormas KA** (2018) Bacterial biofilm development during experimental degradation of *Melicertus kerathurus* exoskeleton in seawater. AIMS Microbiol. 4:397-412
- Nikouli E, Meziti A, Antonopoulou E, Mente E, **Kormas KA** (2018) Gut bacterial communities in geographically distant populations of farmed sea bream (*Sparus aurata*) and sea bass (*Dicentrarchus labrax*). Microorganisms 6,92
- Meziti A, Tsementzi D, Rodriguez-R M, Hatt J, Karayanni H, **Kormas KA**, Konstantinidis KT (IN PRESS) Quantifying the changes in genetic diversity within sequence-discrete bacterial populations across a spatial and temporal riverine gradient. ISME J. DOI: 0.1038/s41396-018-0307-6
- Antonopoulou E, Nikouli E, Piccolo G, Gasco L, Gai, F, Chatzifotis S, Mente E, **Kormas KA** (2019) Reshaping gut bacterial communities after dietary *Tenebrio molitor* larvae meal supplementation in three different fish species. Aquaculture 503:628-635

- Nikouli E, Meziti A, Antonopoulou E, Mente E, **Kormas KA** (2019) Host-associated bacterial succession during the early embryonic stages and first feeding in farmed gilthead sea bream (*Sparus aurata*). *Genes* 10,483
- Vlahos N, Levizou E, Stathopoulou P, Berillis P, Antonopoulou E, Bekiari V, Krigas N, **Kormas KA**, Mente E (accepted) A brackish aquaponic system using gilthead sea bream (*Sparus aurata*) and rock samphire (*Crithmum maritimum*). *Sustainability* 11,4820
- Spatharis S, Lamprinou V, Meziti A, **Kormas KA**, Danielidis D, Smeti E, Roelke DL, Mancy R, Tsirtsis G (2019) Everything is not everywhere: Hydrodynamic barriers shape marine phytoplankton assemblages. *Proc. Royal Acad. Sci. B* DOI:10.1098/rspb.2019.1890
- Karayanni H, **Kormas KA**, Moustaka-Gouni M, Sommer U (2019) Plankton community succession leads to differential dynamics of Bacteria in experimental mesocosms. *Diversity* 11,195

Book chapters

- Kormas KA**, Thessalou-Legaki M, Nicolaidou A (1997) Is water column productivity in an Aegean embayment reflected to its benthic assemblages? In: Hawkins LE, Hutchinson S, Jensen AC, Shearer M, Williams JA (eds) *The responses of marine organisms to their environments*. University of Southampton, Southampton, p.143-151
- Giannakourou A, **Kormas K**, Pitta P, Christaki U (2005) Microbial ecology. In: Papathanassiou E, Zenetos A (eds) *State of the Hellenic marine environment*. Hellenic Centre for Marine Research, Anavissos, p. 182-186
- Kormas KA** (2011) Interpreting diversity of Proteobacteria based on 16S rRNA gene copy number. In: Sezena ML (ed) *Proteobacteria: Phylogeny, metabolic diversity and ecological effects*. Nova Publishers, Hauppauge, NY, p. 73-89
- Kagalou I, **Kormas KA**, Papadimitriou T, Katsiapi M, Genitsaris S, Moustaka-Gouni M (2012) Greece: occurrence, monitoring and risk management of cyanobacteria and cyanotoxins. In: Chorus I (ed) *Current approaches to cyanotoxin risk assessment, risk management and regulations in different countries*. Umweltbundesamt, Dessau-Rosslau, p 71-78
- Nisiotou A, Parlapani F, **Kormas KA**, Boziaris IS (2014) Old targets, new weapons: food microbial communities revealed with molecular tools. In: Boziaris IS (ed) *Food microbiology. Novel processing and microbial assessment techniques*. Taylor & Francis, p 275-312
- Kurmayer R, Christiansen G, **Kormas K**, Vyverman W, Verleyen E, Ramos V, Moreira C, Vasconcelos V (2017) Sampling and metadata. In: Kurmayer R, Sivonen K, Wilmotte A, Salmaso N (eds) *A handbook on molecular tools for the detection and quantification of toxigenic cyanobacteria*. John Wiley & Sons, p. 19-42
- Kormas KA**, Meziti A (2019) The microbial communities of the East Mediterranean Sea mud volcanoes and pockmarks. In: Teske A, Salman-Carvalho V (eds) *Microbial communities at hydrocarbon seeps*. Springer, IN PRESS