

Konstantinos Ar. Kormas

Professor of Aquatic Microbial Ecology
[Department of Ichthyology & Aquatic Environment](#)
School of Agricultural Sciences
[University of Thessaly](#)
384 46 Volos
Greece



E-mail: kkormas@uth.gr, Tel.: +30-242-109-3082, -3240, [Tweet to @kkormas](#) [LinkedIn](#)
[Scopus](#) ID: 602414181; ORCID: [0000-0002-8214-0175](#); Publons: [V-9336-2017](#)

Education

1994 B.Sc. Biology, National and Kapodistrian University of Athens, Greece.
1998 Ph.D. Zoology – Marine Biology, National and Kapodistrian University of Athens, Greece.

Professional experience

1992 – 1998 Assistant Researcher, Department of Zoology - Marine Biology, National and Kapodistrian 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, National and Kapodistrian 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.

Educational experience

Undergraduate Microbiology, Aquatic Microbial Ecology, Applications of aquatic microorganisms
43 completed diploma theses
MSc Aquatic resources hygiene, Public health and aquatic microorganisms, Animal-microbe interactions, Microbial diversity, Marine microbiology, Nutrition and genomics
14 completed MSc theses
PhD 2 completed theses, 1 undergoing

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 Sabbatical in Dr. V. P. Edgcomb's laboratory, Woods Hole Oceanographic Institution, USA.

Undergoing projects

2018 – 2024 "Controlling mlcRobiomes CircuLations for bEtter food Systems" (CIRCLES). Horizon 2020, European Commission.

- 2018 – 2024 "Future growth in sustainable, resilient and climate friendly organic and conventional European aquaculture" (FutureEUAqua). Horizon 2020, European Commission.
- 2019 – 2023 "Insect meal as an alternative source of protein in the aquafeed for fish farming." National Strategic Reference Framework 2014 – 2020 (EU).
- 2020 – 2024 "Pan-European Lake Sampling - Microbial Eco-genomics (PELAGICS)", Institute of Hydrobiology, Ceske Budejovice, Czechia.
- 2021 – 2022 «Effets de la turbulence sur la prolifération et la toxicité des diatomées» (TURBU-DIATOX). CNRS - L'Institut national des sciences de l'Univers (INSU), France.

Recent peer-reviewed papers (Total=115; h-index=30 by Scopus, Web of Science, Google Scholar)

- Nikouli E, Meziti A, Smeti E, Antonopoulou E, Mente E, **Kormas KA** (2021) [Gut microbiota of five sympatrically farmed marine fish species in the Aegean Sea](#). Microb. Ecol. 81:460-470
- Meziti A, Nikouli E, Hatt J, Konstantinidis KT, **Kormas KA** (2021) [Time series metagenomic sampling of the Thermopyles, Greece, geothermal springs reveals stable microbial communities dominated by novel sulfur-oxidizing chemoautotrophs](#). Environ. Microbiol. 23:3710-3726
- Panteli N, Mastoraki M, Lazarina M, Chatzifotis S, Mente E, **Kormas KA**, Antonopoulou E (2021) [Configuration of gut microbiota structure and potential functionality in two teleosts under the influence of dietary insect meals](#). Microorganisms 9,699
- Papadimitriou T, **Kormas KA**, Vardaka E (2021) [Cyanotoxin contamination in commercial Spirulina food supplements](#). J. Consum. Prot. Food Safety 16:227-235
- Charalampous G, Fragkou E, **Kormas KA**, De Menezes AB, Polymenakou PN, Pasadakis N, Kalogerakis N, Antoniou E, Evangelia Gontikaki E (2021) [Comparison of hydrocarbon-degrading consortia from surface and deep waters of the eastern Mediterranean Sea: Characterization and degradation potential](#). Energies 14,2246
- Nikouli E, **Kormas KA**, Jin Y, Olsen Y, Bakke I, Vadstein O (2021) [Dietary lipid effects on gut microbiota of first feeding Atlantic salmon \(*Salmo salar* L.\)](#). Front. Mar. Sci. 8,665576
- Stathopoulou E, Berillis P, Vlahos N, Nikouli E, **Kormas KA**, Levizou E, Katsoulas N, Mente E (2021) [Freshwater-adapted sea bass *Dicentrarchus labrax* feeding frequency impact in a lettuce *Lactuca sativa* aquaponics system](#). PeerJ 9,e11522
- Psoufakis P, Meziti A, Berillis P, Mente E, **Kormas KA**, Karapanagiotidis IT (2021) [Effects of dietary fishmeal replacement by poultry by-product meal and hydrolyzed feather meal on liver and intestinal histomorphology and on intestinal microbiota of gilthead seabream \(*Sparus aurata*\)](#). Appl. Sci. 11,8806
- Tsoumalakou E, Papadimitriou T, Berillis P, **Kormas KA**, Levizou E (2021) [Spray irrigation with microcystins-rich water affects plant performance from the microscopic to the functional level and food safety of spinach \(*Spinacia oleracea* L.\)](#). Sci. Tot. Environ. 789,147948
- Luna G-M, Quero G-M, Kokou F, **Kormas KA** (2022) [Time to integrate biotechnological approaches into fish gut microbiome research](#). Curr. Opin. Biotechnol. 73:121-127
- Mente E, Bousdras T, Feidantsis K, Panteli N, Mastoraki M, Kormas KA, Chatzifotis S, Piccolo G, Gasco L, Gai F, Martin SAM, Antonopoulou E (2022) [Tenebrio molitor larvae meal inclusion affects hepatic proteome and apoptosis and/or autophagy of three farmed fish species](#). Sci. Rep. 12,121
- Papadimitriou T, Katsiapi M, Stefanidou N, Paxinou A, Poulimenakou V, Laspidou CS, Moustaka-Gouni M, Kormas KA (2022) [Differential effect of hydroxyl peroxide on toxic cyanobacteria of hypertrophic Mediterranean waterbodies](#). Sustainability 14,123
- Moschos S, Kormas KA, Karayanni H (2022) [Prokaryotic diversity in marine and freshwater recirculating aquaculture systems](#). Rev. Aquacult. DOI: 10.1111/raq.12677