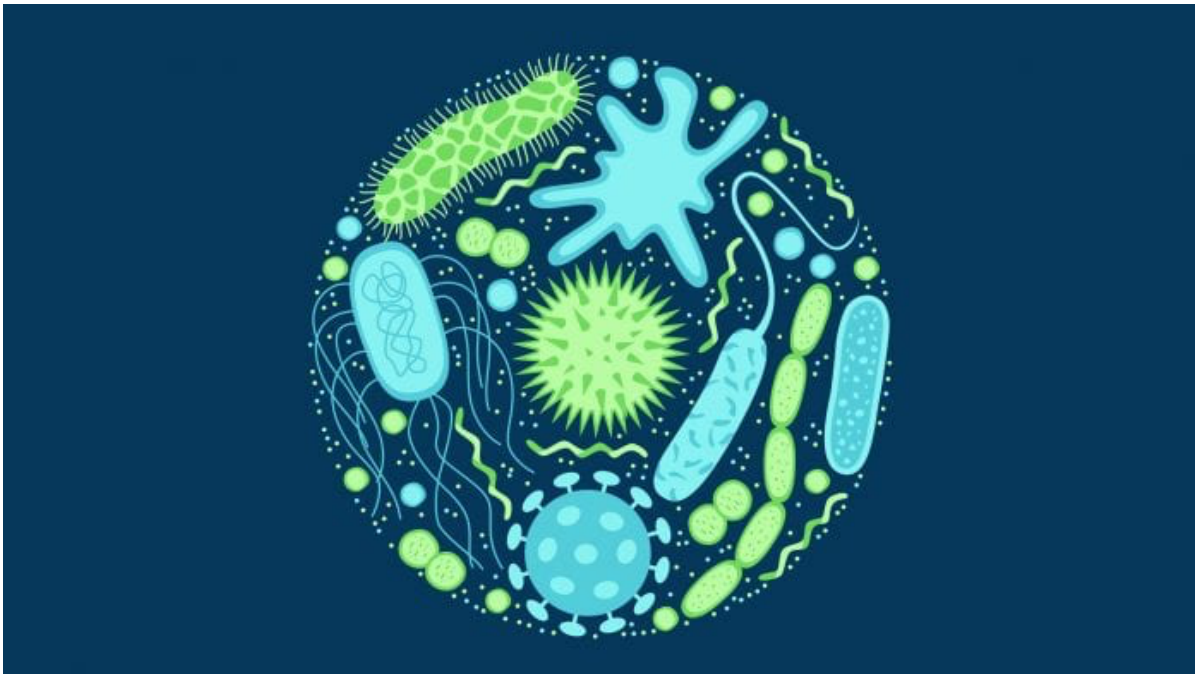


# Alexandra Meziti

## Curriculum Vitae



iStock/alenaohneva

Athens, June 2022

---

A. Personal information .....	1
A.1. Studies .....	1
A.2. Research-Profesional experience .....	1
A.3. Training courses.....	4
B. Educational experience .....	6
B.1. Undergraduate studies .....	6
B.2. Graduate studies.....	6
C. Research work.....	6
C.1. Research projects.....	6
C.2. Conferences .....	9
C.2.1. Greek conferences .....	9
C.2.2. International conferences.....	11
C.4. Recognition of research work .....	14
C.4.1. Scientific journals.....	14
C.4.2. Invited speaker .....	15
C.4.5. Scientific societies.....	14
D. Publications .....	16
D.1. Undergraduate thesis .....	16
D.2. Master thesis .....	16
D.3. PhD thesis .....	16
D.4. Publications in SCI indexed journals .....	16
D.5. Other publications/book chapters.....	19
D.6. Other publications .....	20
E. Indices .....	<b>Error! Bookmark not defined.</b>

---



## A. Personal information

### Alexandra Meziti

Assistant professor

Department of Marine Sciences,

University of the Aegean

Mytilene, Greece

E-mail : a.meziti@aegean.gr

website : <https://sites.google.com/site/alexandrammeziti/>

Linkedin : <https://gr.linkedin.com/in/alexandra-meziti-8416548/>

Date of birth : 21/08/1982

### A.1. Studies

2000-2004 B.Sc. Degree in Biology, University of Athens, Greece.

2005-2007 M.Sc. studies in Marine Microbiology at the Max-Planck Institute for Marine Microbiology in Bremen, Germany (International Max Planck Graduate School for Marine Microbiology, MARMIC; Bremen Germany).

2007-2012 PhD thesis on "Molecular diversity and abundance of Prokaryotes from the digestive tract of Norway lobster (*Nephrops norvegicus*) individuals in natural and reared populations". University of Thessaly (Volos, Greece)/ International Max Planck Research school of marine Microbiology (Bremen, Germany). Supervisor: Associate Professor K. Ar. Kormas.

### A.2. Research-Professional experience

**2012-2013** **Non-tenure** Lecturer at the Department of Biological applications and Technology, University of Ioannina. (Winter Semester).

**2012-2014** Post-doctoral researcher, 'Estimation of the ecological state of the Gulf of Igoumenitsa (Greece) by combining conventional and contemporary

methods.’ (NSRF 2007-2013, European Union, European regional development fund (ERDF), P.N.348097), University of Ioannina, Greece. (Chief scientist Lecturer Hera Karayanni).

- 01-04/2014** Short-term scholar, ‘Spatial and temporal differences in genomic content of freshwater bacterial communities as an effect of anthropogenic pollution.’, GeorgiaTech. Environmental genomics lab, Atlanta, USA. (Supervisor Assistant Professor Kostas Konstantinidis).
- 2014-2015** Post-doctoral researcher, ‘The relative role of niche and neutral mechanisms in controlling phytoplankton genetic and morphological diversity- ECOGENE’, (General Secretariat for Research and technology), University of the Aegean, Chief scientist Associate Professor George Tsirtsis).
- 2015** Post-doctoral researcher, ‘Use of processed animal proteins in sea bream fish-feed.’, (Hellenic Ministry of rural development and food, Operational Program Fisheries 2007-1013), University of Thessaly, Chief Scientist Lecturer Ioannis Karapanagiotidis.
- 04-07/2015 Short-term scholar, ‘Spatial and temporal differences in genomic content of freshwater bacterial communities as an effect of anthropogenic pollution.’, GeorgiaTech. Environmental genomics lab, Atlanta, USA. (Supervisor Assistant Professor Kostas Konstantinidis).
- 2016- Associate, Coca-Cola Hellenic B.C.. Microbiological Analysis of water samples using molecular techniques
- 03/2016-04/2018 Research Associate, Georgia Institute of Technology (Environmental genomics lab, Atlanta, USA. Assistant Professor Kostas Konstantinidis). Analysis and modeling data from the Gulf of Mexico and Lake Lanier and for the determination of the origin of the bacterial genomes in these datasets.
- 2018 Lecturer in ‘Genomics’, Department of Ichthyology and Aquatic environment, University of Thessaly, (Spring Semester).
- 01-08/2019 High School biology teacher
- 2020-2022 The effect of Helicobacter pylori infection in the microbiome of human gastrointestinal tract. International Hellenic University, Greece. State Scholarships Foundation, IKY

- 
- 10-11/2022 Post-doctoral Researcher, University of Thessaly, Principal investigator Prof. Elena Mente. HORIZON 2020.
- 02-07/2023 **Non-tenure** Lecturer at the Department of Marine Sciences, University of the Aegean
- 10/2023-today Assistant professor, Department of Marine Sciences, University of the Aegean

### A.3. Training courses

- 03-10/07/2004 «Advanced course in molecular microbial ecology», Alpine Biology Center Piora, Switzerland, Hemlut Brandl, University of Zurich.
- 30/05-01/06/2005 Basic ARB workshop, Max Planck Institute for Marine Microbiology, Bremen, Germany.
- 2006 Max-Planck institute for Marine Microbiology
1. Microdiversity of Hydrate Ridge bacterial communities along environmental gradients (Supervisor Dr. Alban Ramette, MPI for marine Microbiology)
  2. The effect of substrate addition on anaerobic carbon transformation in shelf sediment from Namibia (Supervisor Dr. Voelker Bruechert, MPI for marine Microbiology)
  3. Isolation and preliminary characterization of two apparently interacting bacteria (Supervisor Prof. Ulrich Fischer, University of Bremen, Germany)
- 2006 Participation in cruise Meteor M70/2, “Deep water ecosystems of the Eastern Mediterranean”, Supervisor Dr. Antje Boetius.
- 12/2006 Metagenomics workshop, Max Planck Institute for Marine Microbiology, Bremen, Germany.

- 05-09/07/2010 E & IA Workshop "An Introduction to R and FLR for Quantitative Fisheries Analysis", European Commission, Joint Research Centre (JRC), Athens, Greece.
- 23-25/04/2012 «Computational Microbial Ecology Workshop», Detroit, USA. Assist. Prof. Pat. Schloss, University of Michigan, USA
- 01-03/10/2012 Next-Generation Sequencing technologies and Informatics tools for studying Marine Biodiversity and Adaptation. Hellenic centre for marine research, Heraklion, Greece
- 13-15/02/2013 High-throughput omics and Data integration workshop. COST workshops, Barcelona, Spain

## **B. Educational experience**

### **B.1. Undergraduate studies**

Department of biological applications and technologies, University of Ioannina

1. Aquatic microorganisms; From gene to ecosystem (2012-2013)

Department of Ichthyology and Aquatic environment, University of Thessaly

1. Genomics (2018)

Department of Marine Sciences, University of the Aegean (2023-today)

1. Biology
2. Marine microbiology
3. Microbiological quality control of fishery products and food

### **B.2. Graduate studies**

M.Sc studies «Sustainable aquatic management» Department of Ichthyology and Aquatic environment, University of Thessaly

1. Aquatic resources hygiene (2019/2020), Invited speaker

Διατμηματικό Πρόγραμμα Μεταπτυχιακών Σπουδών «Host-microbe interactions»  
Πανεπιστήμιο Θεσσαλίας

1. module 2: Bioinformatics for microbiomes (2022- today)
2. Διάλεξη στο module 4: Animal-microbe interactions (2022- today)

## C. Research work

### C.1. Research projects

1. 2004-2005 Anaximander: Exploration and evaluation of the Eastern Mediterranean Sea gas hydrate and the associated deep biosphere (EC contract EVK3-CT-2002-00068).
2. 2011 Prokaryotic artificial community mixing: testing the "Everything is Everywhere" hypothesis in the Mediterranean Sea, Assemble, Panmix project (Chief scientist K. Ar. Kormas).
3. 2010 Observer, hired from ministry of foreign affairs, in Sorcerer II Global Ocean sampling expedition in North Aegean Sea (J. Craig Venter Institute)
4. 2012-2014 Post-doctoral researcher, 'Estimation of the ecological state of the Gulf of Igoumenitsa (Greece) by combining conventional and contemporary methods.' (NSRF 2007-2013, European Union, European regional development fund (ERDF), P.N.348097), University of Ioannina, Greece. (Chief scientist Lecturer Hera Karayanni).
5. 2013 "Prokaryotic and protistan artificial community mixing: testing the environmental effect on grazing - PPACMEN-G". ASSEMBLE Grant Agreement No. 227799. European commisiion funding. (Chief scientist K. Ar. Kormas)..
6. 2014-2015 Post-doctoral researcher, 'The relative role of niche and neutral mechanisms in controlling phytoplankton genetic and morphological diversity- ECOGENE', (General Secretariat for Research and technology), University of the Aegean, Chief scientist Associate Professor George Tsirtsis).
7. 2014-2015 Post-doctoral researcher, 'Use of processed animal proteins in sea bream fish-feed.', (Hellenic Ministry of rural development and food,

---

Operational Program Fisheries 2007-1013), University of Thessaly, Chief Scientist Lecturer Ioannis Karapanagiotidis.

8. 2016-2018 “Dimensions: The role of biodiversity for microbial adaptation to anthropogenic perturbations”, GeorgiaTech. Environmental genomics lab, Atlanta, USA. Funding: National Science Foundation (Award number 1241046). Chief scientists: Eberhard Voit, Konstantinos Konstantinidis, Jim Spain
9. 2018-2020 “Urban Water Systems, Enteric Pathogen Distribution & Gut Microbiome Development in Children: A Natural Experiment in Mozambique”, GeorgiaTech. Environmental genomics lab, Atlanta, USA. Funding: National Institute of Health (1R01AI130163-01A1), Chief scientist: Konstantinos Konstantinidis
10. 2020-2022 The effect of Helicobacter pylori infection in the microbiome of human gastrointestinal tract. International Hellenic University, Greece. State Scholarships Foundation, IKY (MIS-5033021), International Hellenic University
11. 10-11/2022 FutureEUAqua: Future growth in sustainable, resilient and climate friendly organic and conventional European aquaculture. HORIZON 2020 Chief Scientist for Uth, Prof. Elena Mente.
12. 10/2023 Deploying the role of microbiomes in the invasive crayfish *Procambarus clarkii* (DEMIPRO), AQUACOSM. Chief scientist Prof. K.Ar. Kormas.

## C.2. Conferences

### C.2.1. National Conferneces

1. Meziti A, Kormas K, Pancucci-Papadopoulou A, Thessalou-Legaki M. (2004) Molecular biodiversity of endosymbiotic bacteria in urchins and marine ascidians. 2nd Conference of hellenic ecological society , 18-21 Nov. 2003, Mytilene.
2. Meziti A, Ramette A, Mente Έ, Amann R, Kormas KA (2008) Seasonal changes of the gut bacterial communities of the Norway lobster *Nephrops norvegicus*. Microbiokosmos, 1st meeting, Athens, Greece, December 10-12
3. Meziti A, Ramette A, Mente E, Kormas K (2009) Seasonal changes impact the succession of gut bacterial communities in the Norway lobster *Nephrops norvegicus*. Microbiokosmos, 2nd meeting, Athens, Greece, December 11-13.
4. Vlachos N, Pachiadaki M, Meziti A, Mente E, Hotos G, Kormas K (2010). Bacterial communities in ornamental fish aquaria: preliminary results. 32nd annual conference of the Hellenic Society for Biological Sciences, Karpenisi, Greece, May 20-22.
5. Sakkomitrou M, Boubaris D, Meziti A, Karapanagiotidis I, Mente E, Kormas K (2010) Gut bacterial communities of *Nephrops norvegicus* from the North and the Mediterranean Sea. 32nd annual conference of the Hellenic Society for Biological Sciences, Karpenisi, Greece, May 20-22.
6. Karayanni H, Meziti A, Kormas KA (2011) Testing catalyzed reporter deposition for the study of the differential grazing of Bacteria and Archaea in experimental seawater mesocosms. Microbiokosmos, 4th meeting, Ioannina, Greece, October 21-23. (poster)
7. Meziti A, Vlachos N, Pachiadaki MG, Hotos GN, Mente E, Kormas KA (2011) Comparison between bacterial communities of ornamental fishes' and Norway lobsters' aquaria. Microbiokosmos, 4th meeting, Ioannina, Greece, October 21-23. (poster)
8. Meziti A, Kormas KA (2012) Comparing pyrosequencing and 16S rRNA clone libraries in a system with low bacterial diversity, Microbiokosmos, 5th meeting, Athens, Greece, December 13-15.
9. Triantafyllidis A, Meziti A, Afendra A, Karayianni H. (2013), Studying the metabolism of heterotrophic planktonic microorganisms. 35th annual conference of the Hellenic Society for Biological Sciences, Nafplio, Greece, May 23-25.
10. Meziti A, Kormas K, Karagianni I. (2014), Exploring the changes of microbial communities in Igoumenitsa Gulf. 36th annual conference of the Hellenic Society for Biological Sciences, Ioannina, Greece, May 8-10.
11. Kokkinos P, Fidaki R, Kamba D, Kougia E, Papadopoulos S, Meziti A, Karagianni I, Vantarakis A. (2014), Evaluation of water virological quality in the wider area of the Gulf of

Igoumenitsa. 36th annual conference of the Hellenic Society for Biological Sciences, Ioannina, Greece, May 8-10.

12. Karayanni H, **Meziti A**, Kokkinos P, Stamouli A, Vantarakis A, Nikolaidou A, Kormas K (2015) Combining benthic macrofauna, virus and bacteria data for the assessment of the ecological status of a human impacted coastal area. Proc. 11th Hellen. Symp. Oceanogr. Fish.  
Ετεροαναφορές  
1. Kokkinos et al. (2018) Food Environ. Virol. 10:316-326
13. **Meziti A**, Kormas KA, Karayanni H (2015) Temporal and spatial patterns of bacterioplankton community composition in a human impacted coastal area. 6<sup>th</sup> Mikrobiokosmos meeting, Athens 03-05/04/2015.
14. **Meziti A**, Smeti E, Papanikolopoulou L, Spathari S, Tsirtsis G, Kormas KA (2016) Checking different ecological hypotheses for the formation of marine bacterial communities in a controlled system, 8<sup>th</sup> Congress of the Hellenic ecological society, Thessaloniki, Greece, 20-23/10/2016
15. **Meziti A**, Nikouli E, Karapanagiotidis IT, Kormas KA (2017). The effect of fishmeal substitution by non-ruminant processed animal proteins on the gut microbiome of gilthead seabream juveniles (*Sparus aurata*). 7<sup>th</sup> Mikrobiokosmos meeting, Athens, 07-09/04/2017.
16. **Meziti A**, Tsementzi D, Rodriguez LM, Kormas KA, Karayianni H, Konstantinidis K (2017) Seasonal changes of bacterial communities along the Kalamas River at the individual population level. 7<sup>th</sup> Mikrobiokosmos meeting, Athens, 07-09/04/2017.
17. **Meziti A**, Kountouras J, Floudaras I, Touloumtzi M, Koukoufiki A, Panagiotis K, Vardaka E. (2020) GUT MICROBIOME TAXONOMIC DIVERSITY DIFFERENCES BETWEEN HEALTHY AND PATHOGENIC HUMAN GASTROINTESTINAL TRACT TISSUES, 13<sup>o</sup> Macedonian conference for nutrition and dietology, online, 25-27/09/2020

### C.2.2. International conferences

1. Kormas KA, **Meziti A**, Dählman A, de Lange G, Lykousis V (2005) Molecular fingerprinting of methanogens in eastern Mediterranean Sea mud volcanoes. 15th Annual

- Goldschmidt Conference, Moscow, ID, USA, 20-25/05/2005, Geochim. Cosmochim. Acta 69 (suppl. 1): A77.
2. **Meziti A**, Kormas KA, Pancucci-Papadopoulou A-M, Thessalou-Legaki M (2005) Molecular characterization of the prokaryotic symbionts in the gut of two marine invertebrates. Symposium of Aquatic Microbial Ecology, Helsinki, Finland, 21-26/08/2005.
  3. Ioakim C, Perissoratis C, **Meziti A**, Kormas K (2008) The sedimentary palaeoenvironment of a long hemipelagic sequence of the greater Amsterdam MV area, Eastern Mediterranean. 4th Annual Meeting of the HERMES project, Carvoeiro, Portugal, 25-31/03/2007.
  4. Mente E, Tsoukala A, **Meziti A**, Kormas K, Neofitou C (2008) Bacterial community in the gut of wild *Nephrops norvegicus*. XIII International Symposium On Fish Nutrition & Feeding, 01 – 05/06/2008, Florianópolis, Brazil.
  5. **Meziti A**, Ramette A, Mente E, Amann R, Kormas K (2008) Seasonal changes of the bacterial communities associated with the gut of the Norway lobster *Nephrops norvegicus*. Marine Microbes, Gordon Research Conferences, 13-18/07/2008, Lucca (Barga), Italy.
  6. Ramette A, **Meziti A**, Wallmann K, Boetius A (2009) Evidence of historical legacies in the shaping of microbial communities subjected to strong environmental gradients. ASLO aquatic sciences meeting 2009, A cruise through nice waters, Nice, France, January 25-30.
  7. **Meziti A**, Ramette A, Mente E, Kormas KA (2009) Seasonal changes impact the succession of gut bacterial communities in the Norway lobster *Nephrops norvegicus*. Proc. 2<sup>nd</sup> Cong. MikroBioKosmos, p, 37, 11-13/12/2009, Athens, Greece.
  8. **Meziti A**, Mente E, Kormas KA (2010) Effect of diet quality on the gut bacterial communities of the Norway lobster. XXXIII International Congress on Microbial Ecology in Health and Disease, Greece, 06-10/09/2010.
  9. Parlapani F, **Meziti A**, Kormas KA, Boziaris IS (2011) Spoilage micro-biota of sea-bream stored in ice identified by phenotypic and 16S rRNA gene analysis. Society for Applied Microbiology Summer Conference, Dublin, Ireland, 04-07/07/2011.
  10. Karayanni H, **Meziti A**, Kormas KA (2011) Testing catalyzed reporter deposition for the study of the differential grazing of Bacteria and Archaea in experimental seawater mesocosms. Microbiokosmos, 4th meeting, Ioannina, Greece, October 21-23. (poster)

- 
11. **Meziti A**, Vlachos N, Pachiadaki MG, Hotos GN, Mente E, Kormas KA (2011) Comparison between bacterial communities of ornamental fishes' and Norway lobsters' aquaria. Microbiokosmos, 4th meeting, Ioannina, Greece, October 21-23. (poster)
  12. **Meziti A**, Mente E, Kormas K. (2012), Comparison of gut bacterial diversity in wild and reared *Nephrops norvegicus*. The Crustacean Society Summer Meeting, Athens, June 3-7.
  13. **Meziti A**, Bozaris IS (2012), Microbial spoilage and quality of fresh crustaceans stored under various conditions. The Crustacean Society Summer Meeting, Athens, Greece, June 3-7.
  14. **Meziti A**, Kormas KA (2012) Comparing pyrosequencing and 16S rRNA clone libraries in a system with low bacterial diversity, Microbiokosmos, 5th meeting, Athens, Greece, December 13-15.
  15. Kormas KA, Mente E, **Meziti A**, Vasilatos K, Frentzos A (2013) Bacterial community structural differences in the gut of wild and conventional/organic reared sea bream. Summer meeting of The Crustacean Society, San Jose, Costa Rica, 07-11/07/2013.
  16. Kokkinos P, Feidaki R, Kampa D, Kougia E, Paparrodopoulos S, **Meziti A**, Karayanni H, Vantarakis A (2014) Evaluation of water virological quality in the wider area of the Gulf of Igoumenitsa. 4th Food and Environmental Virology conference (FEV), Corfu, Greece, 02-05/09/2014.
  17. **Meziti A**, Kormas KA, Karayanni H (2014) Temporal succession of Bacteria in a coastal system. 15<sup>th</sup> Congress of the International Society for Microbial Ecology, Seoul, Korea, 24-29/08/2014.
  18. Karayanni H, **Meziti A**, Kormas KA, Kokkinos P, Vantarakis A, Leonardos I, Stamouli A, Nicolaidou A (2015) Assessing the ecological status of Igoumenitsa Gulf (NW Greece) in an integrated way. ASLO Aquatic Sciences Meeting, Granada, Spain, 22-27/02/2015.
  19. **Meziti A.**, Tsementzi D., Kormas K., Konstantinidis K., Karayanni H. (2015), Shifts in phylogenetic diversity and functional gene content along space and time in a human impacted river in Northwest Greece, 2015 ASLO Aquatic Sciences Meeting, Granada, Spain, February 22-27.
  20. Tsementzi D, **Meziti A**, Rodriguez LR, Konstantinidis K (2015) Metagenomic insights into the adaptations of microbial life in the deep gulf of Mexico Sea, American Society for Microbiology, 115th General Meeting, New Orleans, Louisiana, USA, 30/5-02/06/2015.

21. Spatharis S, Lambrinou L, Danielidis D, **Meziti A**, Kormas K, Tsirtsis G (2015) Do molecular and microscopy approaches provide the same insights on phytoplankton assemblage structure? British Ecological Society, Annual Meeting, 13-16/12/2015.
22. **Meziti A**, Danielidis A, Karayanni H, Christaki U, Karayanni H, Kormas KA (2016) Molecular taxonomic diversity of unicellular eukaryotic parasites across seven Aegean Sea, Greece, coastal systems with different trophic status. Association for the Sciences of Limnology and Oceanography (ASLO) Summer Meeting, Santa Fe, NM, USA, 05-10/06/2016.
23. Spatharis S, Smeti E, Lambrinou V, Danielidis D, **Meziti A**, Kormas K, Tsirtsis G (2016) Partitioning phytoplankton community variation using 18S rRNA sequences OTU and morphospecies data. British Ecological Society Annual Meeting, Liverpool, U.K., 11-14/12/2016.
24. **Meziti A**, Tsementzi D, Rodriguez LM, Kormas KA, Karayianni H, Konstantinidis K (2017) Seasonal changes of bacterial communities along the Kalamas river at the individual population level, Microbiokosmos, 7th meeting, Athens, Greece, April 7-9.
25. Nikouli E, Hatt JK, Karthikeyan S, **Meziti A**, Konstantinidis KT, Kormas KA (2018) Metagenomic insights in the abundance dynamics and gene diversity of individual populations in a geothermal chronoserries from Thermopyles, Greece. 17<sup>th</sup> International Symposium of Microbial Ecology, Leipzig, Germany, 12-17/08/2018.
26. **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. 8<sup>th</sup> Conference of the Hellenic Society of MikroBioKosmos, 18-20/04/2019, Patras, Greece.
27. Papadaki S, Ramon-Anton T, Nikouli E, Chalkou K, **Meziti A** (2021) Bacterial Community time series from groundwater samples. 9th Conference of the Hellenic Society of MikroBioKosmos, 12/2021, Athens, Greece.
28. Dosi A, **Meziti A**, Tounta E, Komnenou A, Koemtzopoulos K, Dendrinis P, Kormas K (2021) Fecal and skin microbiota of two hospitalized *Monachus monachus* young individuals. 9th Conference of the Hellenic Society of MikroBioKosmos, 12/2021, Athens, Greece.
29. Meziti A, Mathou N, Paraskeva K, Kountouras J, Floudaras I, Touloumtzi M, Katsinelos P, Vardaka E (2022) Differences in bacterial community composition between healthy and polyps related gut biopsies. 1<sup>st</sup> International Conference of nutritional sciences and Dietetics, 27-29/5/2022, Thessaloniki, Greece.
30. Conrad R, Tsementzi D, Meziti A, Hatt J, Montoya J, Konstantinidis KT, (2022) Distribution

And Structure Of Sequence-discrete Prokaryote Populations Across Ocean Depths And Between Ocean Basins. American Society for Microbiology Microbe, Washington D.C., USA, 09-13/06/2022.

31. Tampou A, Meziti A, Karapanagiotidis IT, Kormas K, Mente E (2023) Microbial structure of Sparus aurata fed innovative diets. Aquaculture Europe 2023, Vienna, Austria, 18-21/09/2023.
32. Smeti E, Tsirtsis G, Meziti A, Kormas KA, Danielidis DD, Roelke DL, Spatharis S, (2023) How vulnerable to hydraulic connectivity are phytoplankton assemblages across a salinity gradient? 10th MikroBioKosmos Conference, Larisa, Greece, 30/11-02/12/2023.
33. Meziti A, Kormas K, Mente E, (2023) Seabass gut microbiome analysis fed with conventional and innovative diets. 10th MikroBioKosmos Conference, Larisa, Greece, 30/11-02/12/2023.
34. Smeti E, Tsirtsis G, Roellek DL, Kormas KA, Meziti A, Spatharis S (2023) Effect of sea level rise on the resilience of coastal metacommunities. British Ecological Society Annual Meeting, Belfast, UK, 12-15/12/2023

#### C.4. Research work recognition

##### C.4.1. Reviewer in Scientific journals

Journal	Number of Articles
Aquaculture International	1
Aquatic Microbial Ecology	1
BMC Gastroenterology	1
Diversity	2
Energies	1
Environmental Pollution	1
FEMS Microbiology Ecology	3

Foods	1
Frontiers in marine science	1
Frontiers in Microbiology	3
International journal of environmental research and public health	1
Journal of Applied Microbiology	1
Life Sciences	2
Mediterranean Marine Science	1
Microbial Ecology	3
Microbiology Spectrum	1
Microorganisms	4
PeerJ	6
Symbiosis	2
Systematic and Applied Microbiology	1
Science of the Total Environment	1

#### **C.4.2. Invited speaker**

2019/2020 Department of Ichthyology and Aquatic environment, University of Thessaly

05/2020 1<sup>st</sup> International Conference of nutritional sciences and Dietetics, 27-29/5/2022, Thessaloniki, Greece.

07/2022 -2<sup>nd</sup> Microbiokosmos Summer School, Μονή Πάου, Αργαλαστή, Ελλάδα

#### **C.4.3. Scientific societies**

1. MikrobiKosmos (2007 – today)
2. International Society of Microbial Ecology (ISME) (2015 – today)

3. Association for the Sciences of Limnology and Oceanography (ASLO, 2015 – today).
4. American Society for Microbiology (ASM, 2005 – today)

## **D. Publications**

### **D.1. Undergraduate thesis**

Meziti A. (2004) Symbiotic microorganisms in the digestive tract of sea urchins and marine ascidians. Department of Biology, University of Athens; pp. 45.

### **D.2. Master thesis**

Meziti A. (2007) Diversity and distribution of benthic Crenarchaeota in marine sediments. (2007). M.Sc. Thesis, University of Bremen, Germany, pp.45.

### **D.3. PhD thesis**

Meziti A. (2012) Molecular diversity and abundance of Prokaryotes from the digestive tract of Norway lobster (*Nephrops norvegicus*) individuals in natural and reared populations. University of Thessaly (Volos, Greece)/ International Max Planck Research school of marine Microbiology (Bremen, Germany), pp.133

### **D.4. Publications in SCI indexed journals**

- D.4.01 Meziti A, Kormas KA, Pancucci-Papadopoulou MA, Thessalou-Legaki M (2007) Bacterial phlotypes associated with the intestinal tract of the sea urchin *Paracentrotus lividus* and the ascidian *Microcosmus* sp. Russ. J. Mar. Biol. 33:84-91
- D.4.02 Kormas KA, Meziti A, Dählmann A, de Lange GJ, Lykousis V (2008) Characterization of methanogenic and prokaryotic assemblages based on *mcrA* and 16S rRNA gene diversity in sediments of the Kazan Mud Volcano (Mediterranean Sea). Geobiology 6:450-460
- D.4.03 Demiri A., Meziti A., Papaspyrou S., Thessalou-Legaki M., Kormas K. (2009). Abdominal setae and midgut Bacteria of the mudshrimp *Pestarella tyrrhena*. Central European Journal of Biology, 4(4): 558-566.

- 
- D.4.04 Meziti A, Ramette A, Mente E, Kormas KA (2010) Temporal shifts of the Norway lobster (*Nephrops norvegicus*) gut bacterial communities. *FEMS Microbiol. Ecol.* 74:472-484
- D.4.05 Spatharis S, Skliris N, Meziti A, Kormas KA (2012) First record of a *Trichodesmium erythraeum* bloom in the Mediterranean Sea: a result of climate change. *Can. J. Fish. Aquat. Sci.* 69:1444-1455
- D.4.06 Meziti A, Mente E, Kormas KA (2012) Gut bacteria associated with different diets in reared *Nephrops norvegicus*. *Syst. Appl. Microbiol.* 35:473-482
- D.4.07 Parlapani F, Meziti A, Kormas KA, Boziaris I (2013) Indigenous and spoilage microbiota of sea bream stored in ice identified by phenotypic and 16S rRNA gene analysis. *Food Microbiol.* 33:85-89
- D.4.08 Vlahos N, Kormas KA, Pachiadaki MG, Meziti A, Hotos GN, Mente E (2013) Water column bacteria in two ornamental fish aquaria. *SpringerPlus* 2:66
- D.4.09 Meziti A, Kormas KA (2013) Comparison of the Norway lobster (*Nephrops norvegicus*) gut bacterial communities using 16S rDNA clone libraries and pyrosequencing. *Anaerobe* 23:9-11
- D.4.10 Kormas KA, Meziti A, Mente E, Frentzos A (2014) Dietary differences are reflected on the gut prokaryotic community structure of wild and commercially reared sea bream (*Sparus aurata*). *MicrobiologyOpen* 3:718-728
- D.4.11 Meziti A, Kormas KA, Moustaka-Gouni M, Karayanni H (2015) Spatially uniform but temporally variable bacterioplankton in a semi-enclosed coastal area. *Syst. Appl. Microbiol.* 38:358-367
- D.4.12 Kormas KA, Meziti A, Papadimitriou T (2015) Microbiological confinement of two adjacent water wells in Lake Karla basin, Greece. *Water* 7:5272-5283
- D.4.13 Meziti A, Tsementzi D, Kormas KA, Karayanni H, Konstantinidis KT (2016) Anthropogenic effects on bacterial diversity and function along a river-to-estuary gradient in Northwest Greece revealed by metagenomics. *Environ. Microbiol.* 18:4640-4652
- D.4.14 Karayanni H, Meziti A, Genitsaris S, Courties C, Kormas KA (2017) Changes in prokaryoplankton community structure after artificial dispersal in grazer-free microcosms. *Microorganisms* 5,31
- D.4.15 Kokkinos, P., Karayanni, H., Meziti, A., Feidaki, R., Paparrodopoulos, S., Vantarakis, A. (2018), Assessment of the Virological Quality of Marine and Running Surface

- Waters in NW Greece: A Case Study, *Food and Environmental Virology*, 10:316-326, <https://doi.org/10.1007/s12560-018-9344-6>
- D.4.16 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
- D.4.17 Meziti A, Tsementzi D, Rodriguez-R M, Hatt J, Karayanni H, Kormas KA, Konstantinidis KT (2019) Quantifying the changes in genetic diversity within sequence-discrete bacterial populations across a spatial and temporal riverine gradient. *ISME J.* 13:767-779
- D.4.18 Parlapani, F.F., Boziaris, I.S., Meziti, A, Michailidou S, Haroutounian SA, Argiriou A, Karapanagiotidis, I.T. (2019), Microbiological status based on 454-pyrosequencing and volatilome analysis of gilthead seabream (*Sparus aurata*) fed on diets with hydrolyzed feather meal and poultry by-product meal as fishmeal replacers, *European food research and Technology*, 245(7):1409-1420 <https://doi.org/10.1007/s00217-019-03270-8>.
- D.4.19 Tsementzi, D., Rodriguez-R, L.M., Ruiz-Perez, C.A., Meziti, A., Hatt, J., Konstantinidis, K. (2019), Ecogenomic characterization of widespread, closely-related SAR11 clades of the freshwater genus “*Candidatus Fonsibacter*” and proposal of *Ca. Fonsibacter lacus* sp. nov.. *Systematic and Applied Microbiology*, 42(4):495-505.
- D.4.20 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
- D.4.21 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* 286,20191890
- D.4.22 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 <https://link.springer.com/article/10.1007/s00248-020-01580-z>
- D.4.23\* Meziti A, Nikouli E, Hatt JK, 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(7): 3710-3726; <https://doi.org/10.1111/1462-2920.15373>

\* corresponding author

- D.4.24 Meziti A, Rodriguez-R, L.M, Hatt JK, Pena-Gonzalez A, Levy K. Konstantinidis KT (2021) The reliability of metagenome-assembled genomes (MAGs) in representing natural populations: Insights from comparing MAGs against isolate genomes derived from the same fecal sample, *Appl. Environ. Microbiol.* 26(87):6, DOI: [10.1128/AEM.02593-20](https://doi.org/10.1128/AEM.02593-20).
- Psofakis P, Meziti A, Berillis P, Mente E, Kormas K, Karapanagiotidis I (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*), *Applied Sciences*, 11:8806, <https://doi.org/10.3390/app11198806>.
- D.4.25
- D.4.26 Meziti A, Mathou N, Paraskeva K, Kountouras J, Floudaras I, Touloumtzi M, Katsinelos P, Vardaka E (2022) Differences in bacterial community composition between healthy and polyps related gut biopsies, *Public Health Toxicology*, 2022;2(Supplement 1):A75, DOI: <https://doi.org/10.18332/pht/149811>
- D.4.27 Dosi A, Meziti A, Tounta E, Koemtzopoulos K, Komnenou A, Dendrinou P, Kormas K (2023) Fecal and skin microbiota of two rescued Mediterranean monk seal pups during rehabilitation, *Microbiology Spectrum*, e02805-23, DOI: <https://doi.org/10.1128/spectrum.02805-23>
- D.4.28 Meziti A, Smeti E, Daniilides D, Spatharis S, Tsirtsis G, Kormas K. (2023) Increased contribution of parasites in microbial eukaryotic communities of different Aegean Sea coastal systems. *PeerJ*, 11:e16655, <http://doi.org/10.7717/peerj.16655>.  
\*corresponding author

## D.5. Chapters in books

- D.5.01 Kormas KA, Meziti A (2011) Microorganisms in Decapods growth and nutrition; Mente E (eds.) *Feeding and nutrition physiology of Crustaceans and fishes*. Papazisis, Athens. p. 359-376. ISBN 978-960-02-2612-6
- D.5.02 Kormas KA, Meziti A (2020) The microbial communities of the East Mediterranean Sea mud volcanoes and pockmarks. In: Teske A, Salman-Carvalho V (eds)

Marine hydrocarbon seeps. Microbiology and biogeochemistry of a global marine habitat. Springer, Cham, p 142-148

- D.5.03 Mezi\* A, Kormas KA (2021) Microbial life in the Aegean Sea In: Anagnostou CL, Kostianoy AG, Mariolakos ID, Panayotidis P, Soilemezidou M, Tsaltas G (eds.), The Aegean Sea Environment: The Natural System, Springer Nature Switzerland, DOI 10.1007/698\_2021\_836. (After editors invitation).

\* Corresponding author

### Translations

1. Co-translator in : Kirchman DL (2018) Processes in microbial ecology. Oxford University Press, Oxford. In greek from University of Crete editions (In press).

### **D.6. Other publications**

#### Preprints, e-press

1. Mezi A (2016) What can we learn for Kalamas River when studying bacteria along its flow? <https://katharoskalamas.wordpress.com/2016/03/24>
2. Mezi A, Nikouli E, Hatt J, Konstantinidis KT, Kormas KA (2020) Time series metagenomic sampling of the Thermopyles, Greece, geothermal springs reveals stable microbial communities dominated by novel sulfur-oxidizing chemoautotrophs. BioRxiv doi: <https://doi.org/10.1101/2020.07.20.211532>