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Nationality	Greek
Date of birth	20/12/1985
Gender	Female
ORCID ID	0000-0001-5106-6067
Web of Science ResearcherID	H-6608-2019
Scopus profile	Author ID: 54941355800, h-index: 14, Documents: 35, Total citations: 673 (assessed: 20/01/2023)
Current position	Post-Doctoral Researcher at the Saw Microbial Diversity Lab (Columbian College of Arts and Sciences, The George Washington University)
Education and Training	
01/10/2013 - 29/09/2017	PhD student at the MARES Joint Doctoral Programme on Marine Ecosystem Health & Conservation
PhD thesis	Microbial community functioning at hypoxic sediments revealed by targeted metagenomics and RNA stable isotope probing University of Ghent, University of Bremen, Hellenic Centre for Marine Research Examination committee: Prof. Dr. Marleen De Troch (Promotor), Prof. Dr. Michael W. Friedrich (Promotor), Dr. Christos Arvanitidis (Promotor), Dr. ir. Jo De Vrieze, Prof. Dr. Anne Willems, Prof. Dr. Dominique Adriaens, Dr. Ulrike Braeckman, PD Dr. Holger Auel, Prof Dr. Jens Harder
01/10/2009 - 16/11/2012	Master of Science in Environmental Biology – Management of Terrestrial and Marine Resources MSc's overall qualification: 9.52 (excellent) University of Crete (Department of Biology), Hellenic Centre for Marine Research, Natural History Museum of Crete (Greece)
Specialization	Marine Ecosystems/Resources
MSc thesis	Comparative analysis of geochemical variables, macrofaunal and microbial communities in lagoonal ecosystems Examination committee: Prof. Dr. Ioannis Karakassis, Dr. Christos Arvanitidis (Promotor), Dr. Georgios Kotoulas
01/09/2003 - 27/07/2009	School of Biology BSc's overall qualification: 6.75 (very good) Aristotle University of Thessaloniki (Greece)
Specialization	Environmental Biology
Scholarships / Awards	Costas Drinas Scholarship for Early Researchers from the Hellenic Society Mikrobiokosmos for an 1 month visit to the Microbial Ecophysiology group of the University of Bremen FEMS Meeting Grant for participation in the 5 th International Symposium on Microbial Sulfur Metabolism, 16-18 April 2018, Vienna (Austria) Murray Foundation (MF) Grant for participation in the 8 th European Coastal Lagoons Symposium (EuroLag), 20-23 March 2018, Athens (Greece) EMBO Travel Grant for participation to the EMBO Practical Course on Breathless Microbes: Techniques and theory in anaerobic microbiology, 24-28 July 2017, Wageningen (Netherlands)

EuroMarine Individual Fellowship for participation to the EMBO Practical Course on Bioinformatics and genome analyses, 5-17 June 2017, Thessalonica (Greece)

EMBO Short Term Fellowship for a 3 month visit to the Microbial Ecophysiology group of the University of Bremen

FEMS Meeting Grant for participation in the 4th EMBO Workshop on Microbial Sulfur Metabolism, 12-15 April 2015, Helsingør (Denmark)

Grant for participation in the 3rd EMBO Workshop on Microbial Sulfur Metabolism, 15-18 April 2012, Noordwijkerhout (the Netherlands)

Laboratory/Research Skills

Ability to perform independently

Isolation and purification of DNA and RNA
 Cultivation and Isolation of microorganisms
 Preparation of media and solutions
 RNA Stable Isotope Probing (SIP)
 DNase / RNase treatment
 PCR
 Quantitative PCR
 Gel electrophoresis
 cDNA Synthesis
 Molecular cloning
 Preparation of samples for Sanger sequencing
 Usage of light microscopes and stereoscopes
 Taxonomic identification of benthic macroorganisms
 Usage of Spectrophotometers and Fluorometers
 Usage of standard laboratory equipment (e.g. centrifuges, autoclaves, speed-vac, deep freezers, ovens, pHmeters, precision balances etc.)
 Usage of mechanical sieve shaker for granulometry
 Library preparation for high throughput (NGS) sequencing (experience with 454 GS FLX and Illumina Miseq)
 Bioinformatic analyses of 16S rRNA, 18S rRNA, COI and ITS amplicon sequence data in High Performance Computing (HPC) Clusters
 Shotgun metagenomic bioinformatic analyses in High Performance Computing (HPC) Clusters
 Multivariate and Univariate analyses of biodiversity and community ecology data
 Scientific writing
 Organization of field sampling campaigns
 Sediment and water sampling
 Winkler Method for determination of dissolved oxygen

Perform with assistance

Scanning electron microscopy
 Terminal restriction fragment length polymorphism (T-RFLPs)
 Measurements of organic carbon, chlorophyllous pigments and nutrients

Seminars / Conferences / Workshops

14/08/2022 - 19/08/2022	18th International Symposium on Microbial Ecology, Lausanne (Switzerland)
09/06/2022 - 13/06/2022	ASM Microbe 2022, Washington D.C. (USA)
16/12/2021 - 18/12/2021	9th Conference of the Hellenic Scientific Society of Mikrobiokosmos, Athens (Greece)
09/11/2021	Workshop organised by TSG 3 EUSAIR on "What can EUSAIR do to enable the blue and green sustainable growth in EUSAIR: MSP in EUSAIR state of the art"
02/2021	SeqCode Workshops Workshop 1: "Practical barriers to naming uncultivated microorganisms" Workshop 2: "Path forward to implementation and adoption of the SeqCode"
26/06/2019 - 27/06/2019	Workshop on "Cryopreservation of marine genetic resources: from the Ocean to your Marine Station", Oban (UK)
17/06/2019 - 20/06/2019	8th International Barcode of Life Conference (iBOL), Trondheim (Norway)

18/04/2019 - 20/04/2019	8 th Conference of the Hellenic Scientific Society of Mikrobiokosmos, Patras (Greece)
08/10/2018 - 09/10/2018	4 th International Marine Connectivity (iMarCo) Conference, Heraklion (Greece)
06/06/2018 - 08/06/2018	Participation in the Numerical Ecology workshop, Organizers: Dr Umer Z Ijaz and Dr Leo Lahti, University of Glasgow (UK)
16/04/2018 - 18/04/2018	5 th International Symposium on Microbial Sulfur Metabolism, Vienna (Austria)
20/03/2018 - 23/03/2018	Participation in the 8 th European Coastal Lagoons (EuroLag) Symposium, Athens (Greece)
20/10/2017 - 28/01/2018	Participation in the courses "Introduction to Linux" and "Introduction to programming using Python" of the Postgraduate MSc Program in "Bioinformatics" organized by the Faculty of Medicine (University of Crete), Heraklion (Greece)
24/07/2017 - 28/07/2017	Participation in the EMBO Practical Course on Breathless microbes: Techniques and theory in anaerobic microbiology, Wageningen (Netherlands)
05/06/2017 - 17/06/2017	Participation in the EMBO Practical Course on Bioinformatics and genome analyses, Thessalonica (Greece)
28/03/2017 - 30/03/2017	Participation in the "Dredging & the environment" workshop, Ghent (Belgium)
05/09/2016	Participation in the Ecosystem Network Analysis (ENA) Tutorial Workshop, Bremen (Germany)
04/09/2016 - 07/09/2016	Participation in the ECSA 56 Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state, Bremen (Germany)
07/10/2015 - 11/10/2015	Participation in the 13 th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Heraklion (Greece)
12/07/2015 - 24/07/2015	Participation in the "MaCuMBA Summer School 2015: Sampling, Isolation & Cultivation of Marine Microorganisms", Texel (The Netherlands)
15/06/2015 - 18/06/2015	Course on "Likelihood and Bayesian approaches in Biology", instructor: Dr. Mark Holder, Hellenic Centre for Marine Research, Heraklion (Greece)
12/04/2015 - 15/04/2015	4 th EMBO Workshop on Microbial Sulfur Metabolism, Helsingør (Denmark)
03/04/2015 - 05/04/2015	Participation in the 6 th Conference of the Mikrobiokosmos Society, Athens (Greece)
02/02/2015 - 06/02/2015	Participation in the 4 th MARES Annual Meeting, Ispra (Italy)
15/12/2014 - 19/12/2014	EMBOS Workshop on Pilot Studies, Hellenic Centre for Marine Research, Heraklion (Greece)
14/10/2014 - 16/10/2014	Participation in the Advisory Group meeting of the MERMAID MED project, Barcelona (Spain)
09/10/2014 - 12/10/2014	7 th National Congress of Ecology, Mytilene (Lesvos Island, Greece)
22/09/2014 - 25/09/2014	Participation in the WG 2&3 Hackathon 2 Workshop "From Signals to Environmentally Tagged Sequences III – SeqEnv III", for the COST Action ES1103 – Microbial ecology & the earth system: collaborating for insight and success with the new generation of sequencing tools, Hellenic Centre for Marine Research, Heraklion (Greece)
14/07/2014 - 18/07/2014	Participation in the Training Course "Science and Dogma: Testing Hypotheses", Online Skype Classes, Universidade do Algarve, Faro (Portugal)
07/07/2014 - 12/07/2014	Participation in the "International Summer School in Ecological Data Analysis (ECODAR)", Hellenic Centre for Marine Research, Heraklion (Greece)
26/05/2014 - 06/06/2014	Participation in the "Micro B3 summer school: from sampling to analyzing microbial diversity & function", Hellenic Centre for Marine Research, Heraklion (Greece)
30/03/2014 - 03/04/2014	Participation in the EU BON "Building the European Biodiversity Observation Network" General Meeting, Hellenic Centre for Marine Research, Heraklion (Greece)
03/02/2014 - 07/02/2014	Participation in the 3 rd MARES Annual Meeting, Klaipeda (Lithuania)

07/09/2013 - 09/09/2013	Marbigen Conference on “Mediterranean marine biodiversity in view of climate change and the invasion of alien species”, Heraklion (Greece)
10/06/2013 - 13/06/2013	Participation in the WG 2&3 Hackathon 2 Workshop “From Signals to Environmentally Tagged Sequences II – SeqEnv II”, for the COST Action ES1103 – Microbial ecology & the earth system: collaborating for insight and success with the new generation of sequencing tools, Hellenic Centre for Marine Research, Heraklion (Greece)
21/05/2013 - 25/05/2013	Participation in the EMBOS Training School “Marine Biodiversity Observation: A system to bring theory and practice together”, Santander (Spain)
13/05/2013 - 17/05/2013	Participation in the 2nd DNA Metabarcoding Spring School, Crete (Greece)
13/12/2012 - 15/12/2012	Participation in the 5th Conference of the Mikrobiokosmos Society, Athens (Greece)
03/12/2012 - 05/12/2012	Participation in the joint EMBOS – EuroMarine WP5 - LifeWatch DPP meeting, Lecce (Italy)
23/10/2012 - 25/10/2012	ASSEMBLE Conference, Access to Marine Resources - Generating Knowledge for Science and Society, Olhao (Portugal)
17/10/2012	Basic Scratchpad Training Course, instructors: Dr. D. Koureas, Dr. L. Livermore and the Scratchpad Team, Hellenic Centre for Marine Research, Heraklion (Greece)
01/10/2012 - 03/10/2012	Workshop on “Next Generation Sequencing Technologies & Informatics tools for studying Marine Biodiversity & Adaptation”, within the European Framework Project MARBIGEN, Hellenic Centre for Marine Research, Heraklion (Greece)
27/09/2012 - 29/09/2012	Participation in the WG 2&3 Hackathon 2 Workshop “From Signals to Environmentally Tagged Sequences - SeqEnv”, for the COST Action ES1103 – Microbial ecology & the earth system: collaborating for insight and success with the new generation of sequencing tools, Hellenic Centre for Marine Research, Heraklion (Greece)
19/08/2012 - 24/08/2012	14th International Symposium on Microbial Ecology, Copenhagen (Denmark)
24/05/2012 - 25/05/2012	Participation in the Management meeting for the COST Action ES1003 – Development and implementation of a pan-European Marine Biodiversity Observatory System (EMBOS), Zandvoort (the Netherlands)
22/05/2012 - 24/05/2012	Participation in the Working Group on Biodiversity Indicators (WGBI) – Working Group on Observatory Sites (WGOS) workshop for the COST Action ES1003 – Development and implementation of a pan-European Marine Biodiversity Observatory System (EMBOS), Zandvoort (the Netherlands)
15/04/2012 - 18/04/2012	3 rd EMBO Workshop on Microbial Sulfur Metabolism, Noordwijkerhout, (the Netherlands)
20/02/2012 - 24/02/2012	“Introductory course to the basic principles of Coalescent theory and Applications”, instructors: Dr. P. Pavlidis, Dr. E. Pafilis and Dr. A. Oulas, within the European Framework Project MARBIGEN, Hellenic Centre for Marine Research, Heraklion (Greece)
14/12/2011 - 16/12/2011	Workshop on “Microbial Diversity, Genomics and Metagenomics”, instructors: Dr. K. Mavrommatis, Dr. A. Stamatakis, Dr. C. Quince, Dr. M. Suzuki, Dr. J. Kamke and C. Ouzounis, within the European Framework Project MARBIGEN, Hellenic Centre for Marine Research, Heraklion (Greece)
17/11/2011 - 18/11/2011	Lectures on “Introduction to Systems Biology: Gene networks, Metabolic networks, Protein Networks, The future of Biology”, speaker: Dr. C. Ouzounis, Hellenic Centre for Marine Research, Heraklion (Greece)
16/09/2011	Workshop on “Genomics in Biodiversity” within the European Framework Project MARBIGEN, Hellenic Centre for Marine Research, Heraklion (Greece)
07/09/2011	Seminar on “How to conquer a new environment: key questions to animal behavior”, speakers: Dr. A. Cini, Dr. L. Aquiloni, Dr. G. Mazza, and Dr. E. Tricarico, Hellenic Centre for Marine Research, Heraklion (Greece)
24/07/2011 - 03/08/2011	Workshop on “Molecular Evolution”, Marine Biological Laboratory, Woods Hole MA (U.S.A.)
15/06/2011 - 24/06/2011	Workshop on “Introduction to Programming Using Python”, instructors: Dr. E. Pafilis, Dr. A. Oulas and

	Mr. J. Lagnel, Hellenic Centre for Marine Research, Heraklion (Greece)
02/06/2011 - 03/06/2011	Workshop on “Extracting ecological signal from noise: an introduction to tools for the analysis of high throughput sequencing data from microbial communities”, instructor: Christopher Quince, Hellenic Centre for Marine Research, Heraklion (Greece)
09/10/2008 - 12/10/2008	4 th National Conference on “Current trends of research in ecology”, Volos (Greece)
26/09/2008	Educational seminar on “Environmental Impact Studies”, part of the conference “Environment and Health”, Thessaloniki (Greece)
26/09/2008 - 28/09/2008	3 rd National Conference on “Environment and Health”, Thessaloniki (Greece)
22/05/2008 - 24/05/2008	30 rd Scientific congress of the Greek Society of Biological Sciences, Thessaloniki (Greece)
10/03/2008 - 17/03/2008	Seminar on “Providing institutional and legal status of protected areas in the Balkans, with emphasis on European networks”, Paranesti, Drama (Greece)
13/03/2008 - 14/03/2008	“International Meeting on Transboundary Protected Area of the mountain range of Rodopi”, Paranesti, Drama (Greece)
17/05/2007 - 19/05/2007	29 th scientific congress of the Greek Society of Biological Sciences, Kavala (Greece)
14/11/2005 - 16/11/2005	International Conference on the “Conservation and Management of Vulture Populations”, Thessaloniki (Greece)

Publications

SCImago Journal Rank: Q1: 18 journal articles (see below No. 2, 5, 6, 8, 11, 13, 18, 19, 21, 22, 23, 24, 26, 29, 31, 32, 33, 34)
 Q2: 16 journal articles (see below No. 1, 3, 4, 7, 9, 10, 12, 14, 15, 16, 17, 20, 25, 27, 28, 30)
 Q3: 1 journal article (see below No. 35)

Corresponding author in 6/35 journal articles

Book chapters

Pavloudi C, Chatzinikolaou E, Keklikoglou K, Vasileiadou K, Arvanitidis C (2022) Seascape of soft bottom benthic communities in the Aegean Sea. In: The Handbook of Environmental Chemistry. Springer, Berlin, Heidelberg. doi: 10.1007/698_2021_839

Handbooks/Reports

3. Santi I, Cancio I, Corre E, Cox CJ, Exter K, Hoebeke M, Kervella AE, Laroquette A, **Pavloudi C**, Portier M, Pade N (2022) European Marine Omics Biodiversity Observation Network (EMO BON) – Data Management Plan. (Version 1.0). Paris, France, EMBRC-ERIC, 33pp. doi: 10.25607/OBP-1743

2. Santi I, Casotti R, Comtet T, Cunliffe M, Koulouri Y, Macheriotou L, Not F, Obst M, **Pavloudi C**, Romac S, Thiebaut E, Vanaverbeke J, Pade N (2021) European Marine Omics Biodiversity Observation Network (EMO BON) Handbook. (Version 1.0). Paris, France, EMBRC-ERIC, 63pp. doi: 10.25607/OBP-1653

1. Lahajnar N, Mohrholz V, Angenendt S, Ankele M, Annighöfer M, Beier S, Birkicht M, Bohata K, Brust-Möbius J, Buchholz F, Chikwililwa C, Cordts HM, Dähnke K, ..., **Pavloudi C**, et al (2015) Geochemistry and Ecology of the Namibian Upwelling System NAMUFIL: Namibian Upwelling Filament Study - Cruise No. M103 - December 27, 2013 – February 11, 2014 – Walvis Bay (Namibia) - Walvis Bay (Namibia). METEOR-Berichte, M103, 91 pp., DFG-Senatskommission für Ozeanographie, doi: 10.2312/cr_m103

Journal articles

42. Zafeiropoulos H, Kristoffersen JB, Vasileiadou K, Arvanitidis C, Topalis P, Pafilis E, **Pavloudi C**. *In silico* design of blocking primers: prevention of PCR amplification of marine fungal 16S rRNA and COI genes in metabarcoding analyses. *Metabarcoding and Metagenomics*. *Under revision - Resubmission*

41. **Pavloudi C**, Szejtrenszy SY, Kristoffersen JB, Lahajnar, N, De Troch M, Arvanitidis C, Friedrich MW. Identification of microbial communities by RNA stable isotope probing and 16S rRNA sequencing from the Benguela coastal upwelling system. *Environmental Microbiology*. *Under revision - Resubmission*

40. **Pavloudi C**, Faulwetter S, Keklikoglou K, Vasileiadou K, Chatzinikolaou E, Mavraki D, Nikolopoulou M, Bailly N, Rousou M, Kotta J, Bachelet Guy, et al. Taxonomic vs functional patterns across European coastal soft-sediment benthic habitats. *Journal of the Marine Biological Association of the United Kingdom*. *Under revision - Resubmission*

39. Skiros D, Kostakou M, Kokari C, Tsertou MI, **Pavloudi C**, Zafeiropoulos H, Katharios P, Fliemetakis E (2023) In depth comparative microbiome analysis of Mediterranean fish hatcheries. *Environmental Microbiology*. *Submitted - Under review*

38. Sarafidou G, Tsaparis D, Issaris Y, Chatzigeorgiou G, Grigoriou P, Chatzinikolaou E, **Pavloudi C** (2023) Insights on *Pinna nobilis* genetic connectivity in the Eastern Mediterranean Sea. *PeerJ*. *Submitted - Under review*
37. Santi I, Beluche O, Beraud M, Buttigieg PL, Casotti R, Cox CJ, Cunliffe M, Davies N, De Cerio OD, Exter K, Kervella AE, Kotoulas G, Lagaisse R, Laroquette A, Louro B, Not F, Obst M, Pavloudi C, Poulain J, Præbel K, Vanaverbeke J, Pade N. European Marine Omics Biodiversity Observation Network: a strategic outline for the implementation of omics approaches in ocean observation. *Frontiers in Marine Science*. *Submitted - Under review*
36. Bilbao J, **Pavloudi C**, Blanco-Rayón E, Franco J, Madariaga I, Seoane S. Changes of the phytoplankton community composition in relation to environmental variability in the eutrophicated Urdaibai estuary (SE Bay of Biscay): microscopy and eDNA metabarcoding. *Journal of Marine Systems*. *Submitted - Under review*
35. Leff RT, MacDougall J, **Pavloudi C**, Oliver L, Slattery K, Lissner G, Saw JH (2023) Draft genome sequences of three bacterial species from aquatic habitats near Washington, DC. *Microbiology Resource Announcements* e01319-22, doi: 10.1128/mra.01319-22
34. **Pavloudi C**, Tsertou MI, Antonopoulou E, Katharios P (2023) Investigation of Systemic Granulomatosis in cultured meagre, *Argyrosomus regius*, using clinical metagenomics. *Aquaculture* 567:739249, doi: 10.1016/j.aquaculture.2023.739249
33. **Pavloudi C**, Zafeiropoulos H (2022) Deciphering the community structure and the functional potential of a hypersaline marsh microbial mat community. *FEMS Microbiology Ecology* 98(12):1-18, doi: 10.1093/femsec/fiac141
32. Paragkamian S, Sarafidou G, Mavraki D, **Pavloudi C**, Beja J, Eliezer M, Lipizer M, Boicenco L, Vandepitte L, Perez-Perez R, Zafeiropoulos H, Arvanitidis C, Pafilis E, Gerovasileiou V (2022) Automating the curation process of historical literature on marine biodiversity using text mining: the DECO workflow. *Frontiers in Marine Science* 9:940844, doi: 10.3389/fmars.2022.940844
31. Grau A, Villalba A, Navas JI, Hansjosten B, Cruz JMV, Garcia March JR, Prado P, Follana G, Morage T, Vázquez-Luis M, Álvarez E, Katharios P, **Pavloudi C**, et al. (2022) Wide-geographic and long-term analysis of the role of pathogens in the decline of *Pinna nobilis* to critically endangered species. *Frontiers in Marine Science* 9, doi: 10.3389/fmars.2022.666640
30. Zafeiropoulos H, Gargan L, Hintikka S, **Pavloudi C**, Carlsson J (2021) The Dark mAtteR iNvestigator (DARN) tool: getting to know the known unknowns in COI amplicon data. *Metabarcoding and Metagenomics* 5: e69657. doi: 10.3897/mbmg.5.69657
29. Samuel RM, Meyer R, Buttigieg PL, Davies N, Jeffery NW, Meyer C, **Pavloudi C**, Pitz KJ, Sweetlove M, Theroux S, van de Kamp J, Watts A (2021) Towards a Global Public Repository of Community Protocols to encourage Best Practices in Biomolecular Ocean Observing and Research. *Frontiers in Marine Science* 8:758694. doi: 10.3389/fmars.2021.758694
28. Keklikoglou K, Arvanitidis C, Chatzigeorgiou G, Chatzinikolaou E, Karagiannidis E, Koletsa T, Magoulas A, Makris K, Mavrothalassitis G, Papanagnou E-D, Papazoglou AS, **Pavloudi C**, et al. (2021) Micro-CT for biological and biomedical studies: a comparison of imaging techniques. *Journal of Imaging*. *Journal of Imaging*, 7(9): 172, doi: 10.3390/jimaging7090172
27. Nikolopoulou S, Berov D, Klayn S, Dimitrov L, Velkovsky K, Chatzinikolaou E, Chatzigeorgiou G, Karamfilov V, **Pavloudi C** (2021) Benthic habitat mapping of Plazh Gradina – Zlatna ribka (Black Sea) and Karpathos and Saria islands (Mediterranean Sea). *Biodiversity Data Journal*, 9: e71972, doi: 10.3897/BDJ.9.e71972
26. Zafeiropoulos H, Gioti A, Ninidakis S, Potirakis A, Paragkamian S, Angelova N, Antoniou A, Danis T, Kaitetzidou E, Kasapidis P, Kristoffersen JB, Papadogiannis V, **Pavloudi C** et al. (2021) 0s and 1s in marine molecular research: a regional HPC perspective. *Gigascience*, 10 (8): giab053, doi: 10.1093/gigascience/giab053
25. Chatzinikolaou E, Damianidis P, **Pavloudi C**, Vasileiadou A, Faulwetter S, Keklikoglou K, Plaitis W, Mavraki D, Nikolopoulou S, Arvanitidis C. (2021) Benthic communities in three Mediterranean touristic ports: MAPMED project. *Biodiversity Data Journal (LifeWatchGreece collection)*, 9: e66420, doi: 10.3897/BDJ.9.e66420
24. Obst M, Exter K, Allcock AL, Arvanitidis CD, Bustamante M, Cancio I, Carreira-Flores D, Chatzinikolaou E, Chatzigeorgiou G, Christmas N, Clark MS, Comtet T, Dailianis T, Davies N, Deneudt K, de Cerio OD,, **Pavloudi C** (2020) A Marine Biodiversity Observation Network for genetic

- monitoring of hard-bottom communities (ARMS-MBON). *Frontiers in Marine Science*, 7: 572680, doi: 10.3389/fmars.2020.572680
23. Tsiola A, Michoud G, Fodelianakis S, Karakassis I, Kotoulas G, Pavlidou A, **Pavloudi C**, Pitta P, Simboura N, Daffonchio D, Tsapakis M (2020) Viral Metagenomic Content Reflects Seawater Ecological Quality in the Coastal Zone. *Viruses*, 12: 806, doi:10.3390/v12080806
22. Zafeiropoulos H, Ha Quoc V, Vasileiadou K, Potirakis A, Arvanitidis C, Topalis P, **Pavloudi C**, Pafilis E (2020) PEMA: a flexible Pipeline for Environmental DNA Metabarcoding Analysis of the 16S/18S rRNA, ITS and COI marker genes. *Gigascience*, 9 (3), doi: 10.1093/gigascience/giaa022
21. Gerovasileiou V, **Pavloudi C**, Sedano F (2020) First record of the nudibranch *Anteaeolidiella lurana* (Ev. Marcus & Er. Marcus, 1967) in Greek waters. p. 137-138. In: *New Alien Mediterranean Biodiversity Records 2020*, Bariche, M., Al-Mabruk, SAA, Ates MA, Büyük A, Crocetta F. et al., *Mediterranean Marine Science*, 21 (1), doi: 10.12681/mms.21987
20. Vasileiadou K, **Pavloudi C**, Camisa F, Tsikopoulou I, Fragopoulou N, Kotoulas G, Arvanitidis C (2018) Genetic diversity of *Nephtys hombergii* (Phyllodocida, Polychaeta) associated with environmental factors in a highly fluctuating ecosystem. *Journal of the Marine Biological Association of the United Kingdom*, 98(4): 777-789, doi: 10.1017/S0025315416001910
19. **Pavloudi C**, Kristoffersen JB, Oulas A, De Troch M, Arvanitidis C (2017) Sediment microbial taxonomic and functional diversity in a natural salinity gradient challenge Remane's "species minimum" concept. *PeerJ*, 5:e3687. doi: 10.7717/peerj.3687
18. **Pavloudi C**, Oulas A, Vasileiadou K, Kotoulas G, De Troch M, Friedrich MW, Arvanitidis C (2017) Diversity and abundance of sulfate-reducing microorganisms in a Mediterranean lagoonal complex (Amvrakikos Gulf, Ionian Sea) derived from *dsrB* gene. *Aquatic Microbial Ecology*, 79: 209-219, doi: 10.3354/ame01829
17. Hummel H, van Avesaath P, Wijnhoven S, Kleine Schaars L, Degraer S, Kerckhof F, Bojanic N, Skejic S, Vidjak O, Rousou M, Orav-Kotta H, Kotta J, Jourde J, Pedrotti ML, Leclerc JC, Simon N, Rigaut-Jalabert F, Bachelet G, Lavesque N, Arvanitidis C, **Pavloudi C**, et al (2017) Geographic patterns of biodiversity in European coastal marine benthos. *Journal of the Marine Biological Association of the United Kingdom* (special issue on the 50th EMBS), 97(3): 507-523, doi: 10.1017/S0025315416001119
16. Puente A, Guinda X, Juanes J, Echavarri-Erasun B, Ramos E, Degraer S, Kerckhof F, Bojanic N, Rousou M, Orav-Kotta H, Kotta J, Jourde J, Pedrotti ML, Leclerc JC, Simon N, Bachelet G, Lavesque N, Arvanitidis C, **Pavloudi C**, et al (2017) The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. *Journal of the Marine Biological Association of the United Kingdom* (special issue on the 50th EMBS), 97(3): 549-560, doi: 10.1017/S0025315416001673
15. Dal Bello M, Leclerc JC, Benedetti Cecchi L, Arvanitidis C, van Avesaath P, Bachelet G, Bojanic N, Como S, Coppa S, Coughlan J, Crowe T, Degraer S, Espinosa F, Faulwetter S, Frost M, Guinda X, Jankowska E, Jourde J, Kerckhof F, Kotta J, Lavesque N, De Lucia G, Magni P, de Matos V, Orav-Kotta H, **Pavloudi C**, et al (2017) Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. *Journal of the Marine Biological Association of the United Kingdom* (special issue on the 50th EMBS), 97(3): 539-547, doi: 10.1017/S0025315416001491
14. Kotta J, Orav-Kotta H, Jänes H, Hummel H, Arvanitidis C, van Avesaath P, Bachelet G, Benedetti Cecchi L, Bojanic N, Como S, Coppa S, Coughlan J, Crowe T, Dal Bello M, Degraer S, Juanes J, de Matos V, Espinosa F, Faulwetter S, Frost M, Guinda X, Jankowska E, Jourde J, Kerckhof F, Lavesque N, Leclerc JC, Magni P, **Pavloudi C**, et al (2017) Essence of the patterns of cover and richness of intertidal hard bottom communities: a pan-European study. *Journal of the Marine Biological Association of the United Kingdom* (special issue on the 50th EMBS), 97(3): 525-538, doi: 10.1017/S0025315416001351
13. Sinclair L, Ijaz UZ, Jensen LJ, Coolen MJL, Gubry-Rangin C, Chroňáková A, Oulas A, **Pavloudi C**, Schnetzer J, Weimann A, Ijaz A, Eiler A, Quince C, Pafilis E (2016) Seqenv: linking sequences to environments through text mining. *PeerJ*, 4:e2690, doi: 10.7717/peerj.2690
12. Varsos C, Patkos T, Oulas A, **Pavloudi C**, Gougousis A, Ijaz UZ, Filiopoulou I, Pattakos N, Vanden Berghe E, Fernández-Guerra A, Faulwetter S, Chatzinikolaou E, Pafilis E, Arvanitidis C (2016) Optimized R functions for analysis of ecological community data using the R virtual laboratory (RvLab). *Biodiversity Data Journal* (LifeWatchGreece collection), 4: e8357, doi: 10.3897/BDJ.4.e8357
11. Vasileiadou K, **Pavloudi C**, Sarropoulou E, Fragopoulou N, Kotoulas G, Arvanitidis C (2016)

- Unique COI haplotypes in *Hediste diversicolor* populations in lagoons adjoining the Ionian Sea. *Aquatic Biology*, 25: 7-15, doi:10.3354/ab00654
10. Vasileiadou K, **Pavloudi C**, Kalantzi I, Apostolaki ET, Chatzigeorgiou G, Chatzinikolaou E, Pafilis E, Papageorgiou N, Fanini L, Konstas S, Fragopoulou N, Arvanitidis C (2016) Environmental variability and heavy metal concentrations from five lagoons in the Ionian Sea (Amvrakikos Gulf, W Greece). *Biodiversity Data Journal (LifeWatchGreece collection)*, 4: e8233, doi: 10.3897/BDJ.4.e8233
9. **Pavloudi C**, Christodoulou M, Mavidis M (2016) Macrofaunal assemblages associated with the sponge *Sarcotragus foetidus* Schmidt, 1862 (Porifera: Demospongiae) at the coasts of Cyprus and Greece. *Biodiversity Data Journal (LifeWatchGreece collection)*, 4: e8210, doi: 10.3897/BDJ.4.e8210
8. **Pavloudi C**, Oulas A, Vasileiadou K, Sarropoulou E, Kotoulas G, Arvanitidis C (2016) Salinity is the major factor influencing the sediment bacterial communities in a Mediterranean lagoonal complex (Amvrakikos Gulf, Ionian Sea). *Marine Genomics*, 28: 71-81, doi: 10.1016/j.margen.2016.01.005
7. Hummel H, Frost M, Juanes JA, Ruci S, Cakmak T, Louizidou P, Andersen SF, Eriksson A, Bordeyne F, Vandenbosch F, Kochmann J, **Pavloudi C**, et al. (2015) A comparison on the degree of implementation of marine biodiversity indicators by European countries in relation to the Marine Strategy Framework Directive (MSFD). *Journal of the Marine Biological Association of the United Kingdom (special issue on the 49th EMBS)*, 95(8): 1519-1531, doi: 10.1017/S0025315415000235
6. Oulas A, **Pavloudi C**, Polymenakou P, Pavlopoulos GA, Papanikolaou N, Kotoulas G, Arvanitidis C, Iliopoulos I. (2015) Metagenomics: tools and insights for analyzing next generation sequencing data derived from biodiversity studies. *Bioinformatics and Biology Insights*, 9: 75-88, doi: 10.4137/BBI.S12462
5. Pafilis E, Frankild SP, Schnetzer J, Fanini L, Faulwetter S, **Pavloudi C**, Vasileiadou A, Leary P, Hammock J, Schulz K, Parr CS, Arvanitidis C, Jensen LJ. (2015) ENVIRONMENTS and EOL: identification of Environment Ontology terms in text and the annotation of the Encyclopedia of Life. *Bioinformatics*, 31(11): 1872-1874. doi: 10.1093/bioinformatics/btv045
4. Faulwetter S, Papageorgiou N, Koulouri P, Fanini L, Chatzinikolaou E, Markantonatou V, **Pavloudi C**, Chatzigeorgiou G, Keklikoglou K, Vasileiadou K, Basset A, Pinna M, Rosati I, Reizopoulou S, Nicolaidou A, Arvanitidis C (2015). Resistance of polychaete species and trait patterns to simulated species loss in coastal lagoons. *Journal of Sea Research (special issue on Protecting Marine Biodiversity to Preserve Ecosystem Functioning: a Tribute to Carlo Heip)*, 98: 73-82, doi: 10.1016/j.seares.2014.09.003
3. Faulwetter S, Markantonatou V, **Pavloudi C**, Papageorgiou N, Keklikoglou K, Chatzinikolaou E, Pafilis E, Chatzigeorgiou G, Vasileiadou K, Dailianis T, Fanini L, Koulouri P, Arvanitidis C (2014). Polytraits: A database on biological traits of marine polychaetes. *Biodiversity Data Journal*, 2: e1024. doi: 10.3897/BDJ.2.e1024
2. Pafilis E, Frankild SP, Fanini L, Faulwetter S, **Pavloudi C**, Vasileiadou K, Arvanitidis C, Jensen LJ (2013). The SPECIES and ORGANISMS resources for fast and accurate identification of taxonomic names in text. *PLOS One (Text Mining Collection)*, 8(6): e65390. doi:10.1371/journal.pone.0065390
1. Arvanitidis C, Faulwetter S, Chatzigeorgiou G, Penev L, Bankí O, Dailianis T, Pafilis E, Kouratoras M, Chatzinikolaou E, Fanini L, Vasileiadou A, **Pavloudi C**, Vavilis P, Koulouri P, Dounas C (2011). Engaging the broader community in biodiversity research: the concept of the COMBER pilot project for divers in ViBRANT. *Zookeys*, 150: 211-229. doi: 10.3897/zookeys.150.2149

Poster presentations

- 2022 Reverse ecology and systems biology approaches to identify key processes ensuring life in extreme environments
Haris Zafeiropoulos, **Christina Pavloudi**
18th International Symposium on Microbial Ecology, Lausanne (Switzerland)
- 2022 Unexpected microbial diversity in steam vent associated biofilms from Hawaii
Jimmy H.W. Saw, Max Shlafstein, **Christina Pavloudi**, Natalia Monsalve
18th International Symposium on Microbial Ecology, Lausanne (Switzerland)
- 2022 Metagenomic and amplicon sequencing revealed previously uncharacterized members of the Candidate Phyla Radiation (CPR)/Patescibacteria phylum from steam vents of Hawaii
Christina Pavloudi, Max Shlafstein, Natalia Monsalve, Jimmy H.W. Saw
18th International Symposium on Microbial Ecology, Lausanne (Switzerland)
- 2022 Metagenomic and Amplicon Sequencing Revealed Previously Uncharacterized Non-Photosynthetic

- Members of the Phylum Cyanobacteria from Steam Vents of Hawaii
Max Shlafstein, **Christina Pavlou**, Jimmy H.W. Saw
ASM Microbe 2022, Washington D.C. (USA)
- 2021 Overview and benchmarking of amplicon-oriented bioinformatics tools, for predicting functional features of microbial communities, and their comparison with shotgun metagenomic data analysis
Christina Pavlou, Haris Zafeiropoulos
9th Conference of the Mikrobiokosmos Society, Athens (Greece)
- 2021 Artificial Reef Monitoring Structures (ARMS) providing insights on hard substrate biodiversity and community structure of the Eastern Mediterranean Sea
Christina Pavlou, Eleni Ioanna Yperifanou, Jon Bent Kristoffersen, Thanos Dailianis, Vasilis Gerovasileiou
1st DNAQUA International Conference, doi: 10.3897/aca.4.e64760
- 2021 FAIR Data Management for Genomics Observatories
Katrina Exter, Cedric Decruw, Georgios Kotoulas, Dimitra Mavraki, Matthias Obst, **Christina Pavlou**, Marc Portier, Lennert Tyberghein
IMDIS 2021 (International Conference on Marine Data and Information Systems 2021)
- 2020 Population structuring of *Posidonia oceanica* from Eastern Mediterranean
Katerina Vasileiadou, Dimitrios Loukovitis, Victoria Litsi Mizan, Eugenia Apostolaki, Dinos Protopapas, **Christina Pavlou**
5th World Conference on Marine Biodiversity (WCMB)
- 2020 Population genetics of *Pinna nobilis* using eDNA (non-invasive sampling technique)
Georgia Sarafidou, Georgios Chatzigeorgiou, Eva Chatzinikolaou, **Christina Pavlou**
5th World Conference on Marine Biodiversity (WCMB)
- 2020 Deciphering the functional potential of a hypersaline swamp microbial mat community
Christina Pavlou, Haris Zafeiropoulos
ISME #UnityInDiversity Virtual Microbial Ecology Summit
- 2019 Genetic variability and population connectivity of *Pinna nobilis* in the Eastern Mediterranean Sea
Georgia Sarafidou, Georgios Chatzigeorgiou, Eva Chatzinikolaou, Kleoniki Keklikoglou, Christos Arvanitidis, Charikleia Kargiolaki, Georgia Pilligotsi, Dinos Protopapas, Dimitris Tsaparis, Yiannis Issaris, **Christina Pavlou**
8th International Barcode of Life Conference (iBOL), Trondheim (Norway)
- 2019 Artificial Reef Monitoring Structures (ARMS) providing insights on the marine biodiversity and community structure
Christina Pavlou, Nathan Christmas, Jesus Troncoso, Joanna Norkko, Frédérique Viard, Jonas Mortelmans, Borut Mavrič, Vasilis Gerovasileiou, Christos Arvanitidis, Georgios Kotoulas, Matthias Obst
8th International Barcode of Life Conference (iBOL), Trondheim (Norway)
- 2019 Identification of microbial communities by RNA stable isotope probing and 16S rRNA sequencing from the Benguela coastal upwelling system
Christina Pavlou, Saar Y Szejrensus, Jon B Kristoffersen, Niko Lahajnar, Marleen De Troch, Christos Arvanitidis, Michael W Friedrich
8th Conference of the Hellenic Scientific Society of Mikrobiokosmos, Patras (Greece)
- 2018 P.E.M.A.: a Pipeline for Environmental DNA Metabarcoding Analysis
Haris Zafeiropoulos, Katerina Vasileiadou, Ha Quoc Viet, Christos Arvanitidis, Pantelis Topalis, **Christina Pavlou**, Evangelos Pafilis
Hellenic Bioinformatics Conference (HBio), Thessaloniki (Greece) (*poster award)
- 2018 P.E.M.A.: a Pipeline for Environmental DNA Metabarcoding Analysis
Haris Zafeiropoulos, Katerina Vasileiadou, Ha Quoc Viet, Christos Arvanitidis, Pantelis Topalis, **Christina Pavlou**, Evangelos Pafilis
17th European Conference on Computational Biology (ECCB), Athens (Greece)
- 2018 Identification of sulfate-reducers from the Benguela coastal upwelling system by RNA stable isotope probing and 16S rRNA sequencing
Christina Pavlou, Saar Y Szejrensus, Jon B Kristoffersen, Niko Lahajnar, Marleen De Troch, Christos Arvanitidis, Michael W Friedrich
5th International Symposium on Microbial Sulfur Metabolism, 16-18 April 2018, Vienna (Austria)

- 2015 Microbial functional diversity and genetic diversity patterns of benthic polychaetes
Christina Pavlodi, Katerina Vasileiadou, Anastasis Oulas, Georgios Kotoulas, Christos Arvanitidis
50th European Marine Biology Symposium (EMBS), 21-25 September 2015, Helgoland (Germany)
- 2015 Correlation of the intraspecific diversity patterns of benthic invertebrates with the microbial community functioning
Katerina Vasileiadou, **Christina Pavlodi**, Anastasis Oulas, Georgios Kotoulas, Christos Arvanitidis
XV Congress of the European Society for Evolutionary Biology, 10-14 August 2015, Lausanne (Switzerland)
- 2015 Sulfate-reducing bacteria in Mediterranean lagoons: similarities and disparities between the different biogeographic areas
Christina Pavlodi, Anastasis Oulas, Katerina Vasileiadou, Christos Arvanitidis
4th EMBO Workshop on Microbial Sulfur Metabolism, 12-15 April 2015, Helsingør (Denmark)
- 2015 Combination of classic biodiversity analyses with novel algorithms which extract environmental information from microbial sequences
Christina Pavlodi, Anastasis Oulas, Katerina Vasileiadou, Christos Arvanitidis
6th Conference of the Mikrobiokosmos Society, 3-5 April 2015, Athens (Greece)
- 2013 Genetic diversity patterns of macrobenthic populations from lagoonal ecosystems
Katerina Vasileiadou, **Christina Pavlodi**, Evangelia Chatzinikolaou, Mercedes Gonzalez-Wanguemert, Irini Tsikopoulou, Georgios Kotoulas, Christos Arvanitidis
XIV Congress of the European Society for Evolutionary Biology, 19-24 August 2013, Lisbon (Denmark)
- 2013 ENVIRONMENTS: identification of environment descriptive terms in text
Evangelos Pafilis, Sune Frankild, Lucia Fanini, Sarah Faulwetter, **Christina Pavlodi**, Katerina Vasileiadou, Christos Arvanitidis, Lars Juhl Jensen
The 15th Genomic Standards Consortium meeting, 22-24 April 2013, Washington DC (U.S.A.)
- 2012 Evaluation of various algorithms for microbial community analysis on a real dataset derived from pyrosequencing in lagoonal sediments
Christina Pavlodi, Anastasios Oulas, Elena Sarropoulou, Ioannis Karakassis, Christos Arvanitidis
5th Conference of the Mikrobiokosmos Society, 13-15 December 2012, Athens (Greece)
- 2012 Microorganism and macroorganism communities: random co-occurrence or correlated patterns?
Christina Pavlodi, Aikaterini Vasileiadou, Elena Sarropoulou, Ioanna Kalantzi, Nafsika Papageorgiou, Irini Tsikopoulou, Panagiotis Kasapidis, Jacques Lagnel, Georgios Kotoulas, Ioannis Karakassis, Christos Arvanitidis
14th International Symposium on Microbial Ecology, 19-24 August 2012, Copenhagen (Denmark)
- 2012 Are changes of benthic microbial diversity patterns, as determined by 16S rRNA- and dsr-based analyses, related to hydrogen sulfide concentrations?
Christina Pavlodi, Nafsika Papageorgiou, Elena Sarropoulou, Panagiotis Kasapidis, Aikaterini Vasileiadou, Georgios Kotoulas, Ioannis Karakassis, Christos Arvanitidis
3rd EMBO Workshop on Microbial Sulfur Metabolism, 15-18 April 2012, Noordwijkerhout (the Netherlands)
- 2011 Effects of biological disturbance by *Myriochele fragilis* (Polychaeta) on the small-scale distribution patterns of meiofauna in the deep-sea of the eastern Mediterranean
Nikolaos Lampadariou, **Christina Pavlodi**, Vasiliki Kalogeropoulou, Katerina Sevastou
HERMIONE (Hotspot Ecosystem Research and Man's Impact on European seas) Meeting
- Oral presentations*
- 2021 State of the Art of MSP situation in Greece
Christina Pavlodi
On-line Workshop organised by TSG 3 EUSAIR
- 2021 Competition and coexistence patterns in the microbial plankton of an oligotrophic sea
Ioulia Santi, Tron Frede Thingstad, Tatiana Margo Tsagaraki, Shunyan Cheung, Antonia Giannakourou, Panagiotis Kasapidis, Iordanis Magiopoulos, Mr Eftihis Nikiforakis, Andreas Oikonomou, Nafsika Papageorgiou, **Christina Pavlodi**, Stella Psarra, Katerina Symiakaki, Xiaodong Zhang, Paraskevi Pitta
2nd International Aquatic Mesocosm Research Symposium – from local processes to cross-domain interactions

- 2021 Bacteria are everywhere, even in your COI data: The art of getting to know the unknown unknowns and shine light on the dark matter!
Haris Zafeiropoulos, Laura Gargan, **Christina Pavloudi**, Evangelos Pafilis, Jens Carlsson
1st DNAQUA International Conference, doi: 10.3897/aca.4.e64966
- 2021 PEMA v2: addressing metabarcoding bioinformatics analysis challenges
Haris Zafeiropoulos, **Christina Pavloudi**, Evangelos Pafilis
1st DNAQUA International Conference, doi: 10.3897/aca.4.e64902
- 2020 Genomics Observatory Use-Case: The challenge to standardise image and sequence data to Darwin Core format
Katrina Exter, Cedric Decruw, Marc Portier, Vasilis Gerovasileiou, **Christina Pavloudi**, Matthias Obst
Biodiversity Information Science and Standards (TDWG), doi: 10.3897/biss.4.58938
- 2020 To burn or not to burn? Impact of in-situ oil burning by-products on marine plankton: A mesocosm experimental approach
Iordanis Magiopoulos, Christos Chantzaras, Katerina Symiakaki, Eleftheria Antoniou, **Christina Pavloudi**, Filomena Romano, Giorgos Piperakis, Giulio Zanaroli, Nikolaos Kalogerakis, Paraskevi Pitta
(European Geosciences Union) EGU2020: Sharing Geoscience Online (#shareEGU20)
- 2019 The Collaborative Potential of Research Infrastructures in Addressing Global Scientific Questions
Christos Arvanitidis, Richard Warwick, Paul J Somerfield, **Christina Pavloudi** et al
Biodiversity Information Science and Standards (TDWG), doi: 10.3897/biss.3.37289
- 2018 Population connectivity of key-species in the Marine Protected Area (MPA) of Karpathos (Greece)
Christina Pavloudi, Georgia Sarafidou, Eugenia T Apostolaki, Georgios Chatzigeorgiou, Evangelia Chatzinikolaou, Kleoniki Keklikoglou, Christos Arvanitidis
4th International Marine Connectivity (iMarCo) Conference, Heraklion (Greece)
- 2018 Balkan-Med Project: Regional Cooperation for the Transnational Ecosystem Sustainable Development (RECONNECT)
Christina Pavloudi, Eugenia T Apostolaki, Marina Argyrou, Sajmir Beqiraj, Dimitar Berov et al.
12th Panhellenic Symposium of Oceanography and Fisheries, Corfu (Greece)
- 2018 Comparison of sediment microbial communities between Western (Ria Formosa, Portugal) and Eastern European lagoons (Amvrakikos Gulf, Greece)
Christina Pavloudi, Katerina Vasileiadou, Mercedes González-Wangüemert, Christos Arvanitidis, Evangelia Chatzinikolaou
8th European Coastal Lagoons (EuroLag) Symposium, Athens (Greece)
- 2017 Microbial ecology in hypoxic environments: new techniques and approaches
Christina Pavloudi
2nd meeting of the MetaBioNet scientific network, Thessaloniki, Greece (invited talk)
- 2016 Microbial community interacting with macrobenthic populations in transitional water ecosystems
Christina Pavloudi, Katerina Vasileiadou, Evangelia Chatzinikolaou, Georgios Kotoulas, Mercedes González-Wangüemert, Christos Arvanitidis
ECSA 56 Coastal systems in transition: From a 'natural' to an 'anthropogenically-modified' state, Bremen (Germany)
- 2015 Digging for gold: data archaeology in the framework of the LifeWatchGreece infrastructure
Sarah Faulwetter, Dimitra Mavraki, Stamatina Nikolopoulou, Eleftheria Antaloudaki, Evangelia V. Avramidou, Antonios Avgoustinos, Panagiotis Damianidis, Panagiotis D. Dimitriou, Athanasios Evagelopoulos, Alexandros Galanidis, Chris Georgiadis, Vasilis Gerovasileiou, Themistocles Giannoulis, Aglaia Legaki, Dimitrios Lykidis, Zoi Mylona, Eleni Panayiotou, Panagiota Paranou-Lioliou, Gabriella Papastefanou, **Christina Pavloudi**, et al
13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Heraklion (Greece)
- 2015 Associating Organisms With Their Environment: Automated Literature Mining and Interactive Metadata Extraction
Evangelos Pafilis, Sune P. Frankild, Lucia Fanini, Sarah Faulwetter, **Christina Pavloudi**, Julia Schnetzer, Katerina Vasileiadou, Christos Arvanitidis, Lars Juhl Jensen
13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Heraklion (Greece)
- 2015 Using bacterial community data to test ecological hypotheses with the R virtual laboratory (RvLab)

- Anastasis Oulas, **Christina Pavlou**, Theodore Patkos, Nikos Pattakos, Kostas Varsos, Edward Vanden Berghe, Chrysoula Bekiari, Martin Doerr, Christos Arvanitidis
13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Heraklion (Greece)
- 2015 LifeWatchGreece: Construction and operation of the national Research Infrastructure in the framework of the LifeWatch ESFR
Christos Arvanitidis, Eva Chatzinikolaou, Nicolas Bailly, Emmanouela Panteri, Chrysoula Bekiari, Martin Doerr, Nikos Minadakis, Yannis Marketakis, Sarah Faulwetter, Kleoniki Keklikoglou, Dimitra Mavraki, Stamatina Nikolopoulou, Anastasis Oulas, Evangelos Pafilis, Nikolaos Pattakos, **Christina Pavlou**, et al
13th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions (ICZEGAR), Heraklion (Greece)
- 2015 Integrated management of coastal ecosystems: a new approach
Katerina Vasileiadou, **Christina Pavlou**, Christos Arvanitidis
Euromarine Foresight Symposium "Future Coast – Europe", Berlin (Germany)
- 2015 Linking nutrient loading and the diversity of hard bottom communities: A pan-European study
Jonne Kotta, Helen Orav-Kotta, Christos Arvanitidis, Pim van Avesaath, Guy Bachelet, Lisandro Benedetti-Cecchi, Natalia Bojanic, Serena Como, Tasman Crowe, Martina Dal Bello, Valentina Kirienko Fernandes de Matos, Steven Degraer, Free Espinosa, Matt Frost, Xabier Guinda, Anda Ikauniece, Emilia Jankowska, Jérôme Jourde, Jose Antonio Juanes de la Pena, Jean-Charles Leclerc, Paolo Magni, **Christina Pavlou**, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Structural vs functional patterns in the European soft bottom communities
Christos Arvanitidis, Sarah Faulwetter, **Christina Pavlou**, Maria Rousou, Pim van Avesaath, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Are species poor marine communities more susceptible to settlement and outbreaks of Invasive Aliens?
Pim van Avesaath, Herman Hummel, Loran Kleine-Schaars, Steven Degraer, Francis Kerckhof, Christos Arvanitidis, **Christina Pavlou**, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 The role of physical variables in biodiversity patterns along European coasts
Araceli Puente, Xabier Guinda, José A. Juanes, Beatriz Echavari-Erasun, Elvira Ramos, Steven Degraer, Francis Kerckhof, Natalia Bojanic, Maria Rousou, Helen Orav-Kotta, Jérôme Jourde, Maria Luiza Pedrotti, Jean-Charles Leclerc, Nathalie Simon, Guy Bachelet, Nicolas Lavesque, Christos Arvanitidis, **Christina Pavlou**, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Geographic patterns of biodiversity in European coastal marine benthos
Herman Hummel, Pim van Avesaath, Loran Kleine-Schaars, Steven Degraer, Francis Kerckhof, Natalia Bojanic, Maria Rousou, Helen Orav-Kotta, Jérôme Jourde, Maria Luiza Pedrotti, Jean-Charles Leclerc, Nathalie Simon, Guy Bachelet, Nicolas Lavesque, Christos Arvanitidis, **Christina Pavlou**, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Spatial variability in hard and soft bottom community structure across scales and regions of Europe
Martina Dal Bello, Lisandro Benedetti-Cecchi, Jean-Charles Leclerc, Steven Degraer, Francis Kerckhof, Natalia Bojanic, Maria Rousou, Helen Orav-Kotta, Jérôme Jourde, Maria Luiza Pedrotti, Nathalie Simon, Guy Bachelet, Nicolas Lavesque, Christos Arvanitidis, **Christina Pavlou**, et al
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Optimized R functions for analysis of ecological community data using the R virtual laboratory
Theodore Patkos, Anastasis Oulas, Nikos Pattakos, Kostas Varsos, Edward Vanden Berghe, Antonio Fernandez-Guerra, **Christina Pavlou**, Chrysoula Bekiari, Martin Doerr, Christos Arvanitidis
50th European Marine Biology Symposium (EMBS), Helgoland (Germany)
- 2015 Prokaryotic abundance, diversity and phoX gene distribution across the Mediterranean Sea
Anastasia Tsiola, Paraskevi Pitta, Tatiana M. Tsagaraki, **Christina Pavlou**, Georgios Kotoulas
2015 Aquatic Sciences Meeting (ASLO), Granada (Spain)
- 2014 Crowd Sourcing Initiatives in the Mediterranean Basin
Emmanouela Panteri, Sarah Faulwetter, Christos Arvanitidis, Thanos Dailianis, George

- Chatzigeorgiou, Eva Chatzinikolaou, Evangelos Pafilis, **Christina Pavlou** et al
TDWG 2014 - Biodiversity Information Standards, Jönköping (Sweden)
- 2014 ENVIRONMENTS - EOL: identification of Environment Ontology terms in text and the annotation of the Encyclopedia of Life
Evangelos Pafilis, Sune Frankild, Lucia Fanini, Sarah Faulwetter, **Christina Pavlou**, Julia Schnetzer, Aikaterini Vasileiadou, Umer Ijaz, Christos Arvanitidis, Robert Stevenson, Lars Juhl Jensen
TDWG 2014 - Biodiversity Information Standards, Jönköping (Sweden)
- 2014 Sulfate-reducing bacteria in Mediterranean lagoons: a comparison between 16S rDNA- and dsr-based analyses
Christina Pavlou. Anastasis Oulas, Katerina Vasileiadou, Christos Arvanitidis
7th National Congress of Ecology, Mytilene (Lesvos Island, Greece)
- 2014 Genetic differentiation of the *Hediste diversicolor* from the lagoons of Amvrakikos Gulf
Katerina Vasileiadou, **Christina Pavlou**, Elena Sarropoulou, Nina Fraggopoulou, Georgios Kotoulas, Christos Arvanitidis
7th National Congress of Ecology, Mytilene (Lesvos Island, Greece)
- 2014 A comparison on the degree of implementation of marine biodiversity indicators by European countries in relation to the Marine Strategy Framework Directive (MSFD)
Herman Hummel, Matt Frost, José A. Juanes, Stela Ruci, Taylan Cakmak, Vivian Paraskevi Louzidou, Simone Fie Andersen, Annukka Eriksson, François Bordeyne, François Vandenbosch, Judith Kochmann, **Christina Pavlou**, et al.
49th European Marine Biology Symposium (EMBS), St. Petersburg (Russia)
- 2013 Correlation of genetic diversity patterns from polychaete populations to environmental data from lagoonal ecosystems.
Katerina Vasileiadou, **Christina Pavlou**, Federica Camisa, Irini Tsikopoulou, Georgios Kotoulas, Christos Arvanitidis
VI EUROLAG & VII LAGUNET Conference "COASTAL LAGOON DOMAIN AND PROPERTIES: from fundamental research to policy implementation", Lecce (Italy)
- 2013 Comparison of structural and functional stability of polychaete assemblages in coastal lagoons
Sarah Faulwetter, Vassiliki Markantonatou, **Christina Pavlou**, Nafsika Papageorgiou, Aikaterini Vasileiadou, Georgios Chatzigeorgiou, Kleoniki Keklikoglou, Lucia Fanini, Panagiota Koulouri, Evangelia Chatzinikolaou, Alberto Basset, Sofia Reizopoulou, Artemis Nicolaidou, Christos Arvanitidis
VI EUROLAG & VII LAGUNET Conference "COASTAL LAGOON DOMAIN AND PROPERTIES: from fundamental research to policy implementation", Lecce (Italy)
- 2013 Identification of Environment Ontology terms in Text and Annotation of Biodiversity (ENVIRONMENTS-EOL) and Genomics (SEQenv) Information
Evangelos Pafilis, Sune Frankild, Umer Ijaz, Lucia Fanini, Sarah Faulwetter, **Christina Pavlou**, Julia Schnetzer, Aikaterini Vasileiadou, Christos Arvanitidis, Christopher Quince, Lars Juhl Jensen
Biodiversity Information Standards TDWG Conference, Florence (Italy)
- 2013 "Next generation biodiversity": Combination of molecular and morphological approaches to estimate biodiversity in lagoonal sediments
Christina Pavlou
2nd DNA Metabarcoding Spring School, Crete (Greece)
- 2013 ENVIRONMENTS: identification of environment descriptive terms in text
Evangelos Pafilis, Sune Frankild, Lucia Fanini, Sarah Faulwetter, **Christina Pavlou**, Katerina Vasileiadou, Christos Arvanitidis, Lars Juhl Jensen
The 15th Genomic Standards Consortium meeting, Washington DC (U.S.A.)
- 2012 Effects of stressful environmental factors in lagoonal ecosystems on marine microbial and invertebrate populations
Evangelia Chatzinikolaou, **Christina Pavlou**, Aikaterini Vasileiadou, Mercedes González-Wangüemert
ASSEMBLE Conference, Access to Marine Resources - Generating Knowledge for Science and Society, Olhao (Portugal)
- 2012 SPECIES: Organism Name Identification in the Scientific Literature
Evangelos Pafilis, Sune Frankild, Lucia Fanini, Sarah Faulwetter, **Christina Pavlou**, Katerina Vasileiadou, Christos Arvanitidis, Lars Juhl Jensen
7th conference of the Hellenic Society for Computational Biology and Bioinformatics, Heraklion

	(Greece)
2007	Comparative study of the organismic assemblages associated with the demosponge <i>Sarcotragus foetidus</i> Schmidt, 1862 in the coasts of Cyprus and Greece Christina Pavlodi , M. Mavidis, M. Christodoulou, M.-S. Kitsos, A. Koukouras 29 th scientific congress of the Greek Society of Biological Sciences, Kavala (Greece)
Professional Experience	
01/10/2021 - 31/12/2021	EOSC-Life Digital Life Sciences Open Call project: ' <u>A workflow for marine Genomic Observatories data analysis</u> ' Principal investigator, Project management and coordination
01/08/2021 - 31/12/2021	FutureMARES - Climate Change and Future Marine Ecosystem Services and Biodiversity Investigating the genetic connectivity of key coastal species
08/04/2021 - 31/07/2021	ECCO - Effects of Climate Change and Ocean acidification on marine gastropods Molecular analyses of genes related to calcification and stress response in gastropods grown under acidified conditions
01/10/2020 - 31/01/2021	BIOIMAGING-GR Participation in the creation of a microCT virtual lab
01/07/2019 - 30/09/2020	CMBR -Centre for the study and sustainable exploitation of Marine Biological Resources Application of ecological and molecular techniques in microbial communities
01/11/2017 - 31/12/2020	RECONNECT - Regional cooperation for the transnational ecosystem sustainable development Principal investigator from 12/04/2019, Project management and coordination, Taxonomic identification of benthic macroorganisms, Application of ecological and molecular techniques in microbial communities
01/02/2020 - 31/01/2022	Postdoctoral Scholarship from the State Scholarships Foundation (IKY) - Overview and benchmarking of bioinformatics workplaces designed to predict functional features of microbial communities based on the 16S rRNA gene
01/01/2016 - 31/08/2019	JERICO-NEXT - Joint European Research Infrastructure network for Coastal Observatory – Novel European eXpertise for coastal observatories Principal investigator from 12/04/2019, Project management and coordination, Taxonomic identification of benthic macroorganisms, Application of ecological and molecular techniques in microbial communities
26/12/2013 - 18/01/2014	GENUS - Geochemistry and Ecology of the Namibian Upwelling System Participation in the benthic sampling with the Research Vessel Meteor (Cruise M103/1)
15/11/2013 - 31/12/2015	LifeWatchGreece Collection and management of biodiversity data
26/08/2013 - 15/09/2013	Comparative Analysis on Microbial and Macrobenthic Populations of Lagoonal ecosystems Evangelia Chatzinikolaou, Christina Pavlodi , Aikaterini Vasileiadou Centre of Marine Sciences of Algarve (CCMAR) Research Fellowship - Funding received from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 227799- ASSEMBLE (8th call)
01/03/2013 - 30/11/2013	Encyclopedia of Life (EOL) Rubenstein Fellow 2013 – ENVIRONMENTS: Discovering habitat terms in EOL Contents. PhD student – Collaborator
01/12/2012 - 14/11/2013	EUBON - Building the European Biodiversity Observation Network Collection and management of biodiversity data, Application of ecological and molecular techniques in microbial communities
21/06/2012 - 11/07/2012	Effects of stressful environmental factors in lagoonal ecosystems on marine microbial and invertebrate populations Evangelia Chatzinikolaou, Christina Pavlodi , Aikaterini Vasileiadou Centre of Marine Sciences of Algarve (CCMAR) Research Fellowship - Funding received from the European Community's Seventh Framework Programme (FP7/2007-2013) under grant agreement n° 227799- ASSEMBLE (6th call)
02/04/2012 - 30/04/2012	Short Term Scientific Mission for the COST Action ES1003 – Development and implementation of a pan-European Marine Biodiversity Observatory System (EMBOS) STSM Topic: Regional networking activity; supplementing marine observatories network Host: Dr. Pim van Avesaath, NIOZ, Yerseke (the Netherlands)

- 01/12/2011 - 30/11/2012 MAPMED - Management of port areas in the Mediterranean Sea basin
Laboratory analysis of water samples, Taxonomic identification of benthic samples, Application of ecological and molecular techniques in microbial communities
- 01/07/2011 - 31/08/2011 VIBRANT - Virtual Biodiversity Research and Access Network for Taxonomy
Participation in the educational program COMBER
- 01/05/2010 - 31/07/2010 HERMIONE - Hotspot Ecosystem Research and Man's Impact on European seas
Small scale spatial distribution of meiobenthic organisms in deep sea sediments of the Eastern Mediterranean
- 06/2010 REDECO - Regional Drivers of Ecosystem Change and its Influence on Deep-Sea Populations in the Mediterranean
Participation in the benthic sampling with the Research Vessel AEGAO

Languages

Greek (native language)

	Understanding	Speaking	Writing
English	Fluent	Fluent	Fluent
Spanish / Castilian	Fluent	Fluent	Fluent

Additional information

Undergraduate dissertation (Department of Zoology, School of Biology, Aristotle University of Thessaloniki): Comparative study of the organismic assemblages associated with the demosponge *Sarcotragus foetidus* Schmidt, 1862 in the coasts of Cyprus and Greece
Supervisor: Dr. A. Koukouras (Professor)

Practical training (Laboratory of Biodiversity, Institute of Marine Biology and Genetics, Hellenic Centre for Marine Research): Study of the peracaridan communities of the green algae *Ulva* at the Logarou lagoon and suggested key for the species of the genus *Idotea* Fabricius, 1799 (Isopoda, Valvifera).
Supervisor professor-instructor: Dr. C. Arvanitidis (Senior Researcher)

1st trimester-long laboratory project (under the M.Sc.)

"Study of the anatomy and morphology of Upper Miocene fossil leaves from the area of Pitsidia (Messara), using optical and electron microscopy"

Laboratory of Paleontology, Natural History Museum of Crete

Supervisor: Dr. G. Iliopoulos (Lecturer)

2nd trimester-long laboratory project (under the M.Sc.)

"Small scale spatial distribution of meiobenthic organisms in deep sea sediments of the Eastern Mediterranean"

Institute of Oceanography, Hellenic Centre for Marine Research

Supervisor: Dr. N. Lampadariou (Research Associate)

3rd trimester-long laboratory project (under the M.Sc.)

"Study of the changes of microbial communities in the water column in areas with fish farming"

Laboratory of Population Genetics and Evolution, Department of Biology, University of Crete

Supervisor: Dr. E. Ladoukakis (Assistant Professor)

Organization of Workshops and Symposia

- 20/09/2021 - 24/09/2021 5th Community Workshop of the IOC-UNESCO Ocean Best Practices System
Co-organizer of the session "Enhancing the value of marine omics/eDNA practices across the ocean community"
- 12/03/2021 Workshop on "Biomonitoring of aquatic ecosystems using genetic methods"
Lecturer, Member of the organizing committee
- 06/07/2020 - 09/07/2020 Seminar on "HPC analyses and DNA metabarcoding"
Lecturer, Member of the organizing committee
- 15/05/2018 - 17/05/2018 Marine Evolution 2018 (Strömstad, Sweden)
Session "2. Evolutionary Biology of Marine Invasions" co-organizer
(<https://cemb.science.gu.se/activities/marine-evolution-2018/sessions/2.-evolutionary-biology-of-marine-invasions>)

15/12/2014 - 19/12/2014	EMBOS Workshop on Pilot Studies Member of the organizing committee
26/05/2014 - 06/06/2014	Micro B3 summer school: from sampling to analyzing microbial diversity & function Member of the organizing committee
10/07/2013 - 20/07/2013	EMBC+ (International MSC in Marine Biodiversity and Conservation) Summer School Member of the organizing committee
Participation in proposal writing for research projects	<p><i>Assessment of aquatic POLLutants, pathogens and THreats to human health in Crete - APOTHeCe</i> Submitted at the 3rd Call for H.F.R.I. Research Projects for the support of Post-doctoral researchers (07/03/2021) Total budget: 119.913 € Not approved for funding</p> <p><i>A workflow for marine Genomic Observatories data analysis</i> Submitted at the EOSC-Life Digital Life Sciences Open Call (22/12/2020) Approved for funding Total budget: 81.780 € No. of Partners: 3</p> <p><i>Aquatic Pollutants and Pathogens in Europe: transdisciplinary Assessment of Land-to-sea threats to human health - APPEAL</i> Submitted at AquaticPollutants Joint Transnational Call 2020 (18/05/2020) Total budget: 1.179.224 € No. of Partners: 8 Not approved for funding</p> <p><i>The effects of light pollution on marine benthic community metabolism - LightSea</i> Submitted at the Pure Ocean call for projects (01/04/2020) Total budget: 64.310 € No. of Partners: 3 Not approved for funding</p> <p><i>Best practices to control marine alien species by promoting their nutritional value and triggering consumers attention - LIFE Eat Alien</i> Submitted Concept note at the LIFE 2019 call (Nature and Biodiversity) (19/06/2019) Total budget: 2.659.036 € No. of Partners: 5 Not approved for funding</p> <p><i>Overview and benchmarking of bioinformatics workplaces designed to predict functional features of microbial communities based on the 16S rRNA gene</i> Submitted at the 2nd call for the Support of Postdoctoral Researchers of the State Scholarships Foundation (IKY) (21/06/2019) Approved for funding</p> <p><i>Deciphering the functional potential of a hypersaline swamp microbial mat community - HAMMoCk</i> Submitted at the 2nd Call for H.F.R.I. Research Projects for the support of Post-doctoral researchers (06/03/2019) Total budget: 200.000 € Not approved for funding</p> <p><i>Harmonizing and optimizing best practices for the improvement of the environmental status and sustainable management in the Adriatic-Ionian region Ports - ADRIONPort</i> Submitted at the 1st call of the Interreg Adrion 2014-2020 programme (25/03/2016) Total budget: 1.343.500 € No. of Partners: 6 Approved at the 1st stage of evaluation (Admissibility and Eligibility check) Not approved for funding</p> <p><i>Regional cooperation for the transnational ecosystem sustainable development - RECONNECT</i> Submitted at the 1st call of the transnational Cooperation Programme Interreg V-B "Balkan-Mediterranean 2014-2020" (26/04/2016) Approved for funding Total budget: 1.227.576,70 €</p>

	No. of Partners: 7 A methodological framework for restoring, preserving and protecting lagoonal ecosystems - PureLag Submitted at the 2nd call of the Interred Med programme (30/03/2017) Total budget: 2.196.250 € No. of Partners: 8 Approved at the 1st stage of evaluation (Admissibility and Eligibility check) Not approved for funding
Reviewer/Editor in International Journals	Web of science: https://www.webofscience.com/wos/author/record/1120322 Associate Editor in <i>Frontiers in Aquatic Microbiology</i> Guest Associate Editor in <i>Frontiers in Marine Science (Marine Ecosystem Ecology)</i>
Teaching activities	
09/11/2021 - 10/11/2021	Guest lecturer of "Aquatic Ecosystems: Marine Microorganisms" and "Management of Protected Areas" in the Undergraduate program of the Department of Environment (Ionian University)
10/2018 - 09/2019	Lecturer of "Biology" (1 st semester) and "Marine Genetics and Biotechnology" (8 th semester) in the Undergraduate program of the Department of Marine Sciences (University of Aegean) in the framework of "Acquisition of Academic Teaching Experience in New Scientists-Doctorate Holders for the Academic Year 2018-19"
01/10/2010 - 15/01/2011	Lab assistant in the undergraduate course "BioStatistics", Department of Biology, University of Crete (Greece)
Supervision of students	
02/2022 - 07/2022	Alison Pagalilauan, Department of Biological Sciences (The George Washington University) MSc thesis subject: "Interaction with Refuse Piles Drives Co-Occurrence of Core Gut Microbiota in <i>Aphaenogaster picea</i> Workers"
09/10/2021 - 21/11/2021	Jone Bilbao, Phytoplankton Ecology research group (University of the Basque Country (UPV/EHU)) Traineeship (PhD): DNA metabarcoding and bioinformatics on water samples for the assessment of phytoplankton communities
04/10/2021 - 08/10/2021	Andreas Christou, Department of Chemical Engineering (Cyprus University of Technology) COST STSM: Deciphering <i>Posidonia oceanica</i> bacterial community to advance biodiscovery in the Levantine basin
24/05/2021 - 03/09/2021	Irene Ciribilli, Erasmus+ Traineeship (MSc): "Deciphering the functional potential of a hypersaline swamp microbial mat community using a combination of culture dependent and culture independent approaches"
12/04/2021 - 12/04/2022	Ioli Moutsopoulou, Postgraduate MSc Program in "Environmental Biology – Management of Terrestrial and Marine Resources" (University of Crete) MSc thesis subject: "Study of the mass mortality event of the bivalve <i>Pinna nobilis</i> "
01/10/2018 - 08/11/2019	Georgia Sarafidou, Postgraduate MSc Program in "Environmental Biology – Management of Terrestrial and Marine Resources" (University of Crete) MSc thesis subject: "Assessment of genetic diversity of the bivalve <i>Pinna nobilis</i> in the Eastern Mediterranean and investigation of the degree of infection by the parasite <i>Haplosporidium pinnae</i> "
01/07/2019 - 31/08/2019	Dorothea Mela, Department of Marine Sciences (University of the Aegean) Practical training BSc subject: "Study of benthic macrofaunal communities from the marine protected area of Karpathos-Saria"
01/07/2019 - 30/09/2019	Ioannis Kalaintzakis, Department of Biology (University of Crete) Practical training BSc subject: Population diversity assessment of the phanerogam <i>Posidonia oceanica</i> at the marine protected area of Karpathos-Saria
01/10/2018 - 30/04/2019	Aggeliki Maravelia, Department of Marine Sciences (University of the Aegean) BSc thesis subject: WNT Signaling patterns in fish tissue
01/07/2018 - 30/09/2018	Markos Digenis, Department of Chemistry (University of Crete) Practical training BSc subject: "Ocean acidification effect on the metatranscriptome of <i>Hexaplex trunculus</i> "
01/07/2018 - 30/09/2018	Georgia Sarafidou, Postgraduate MSc Program in "Environmental Biology – Management of Terrestrial and Marine Resources" (University of Crete) Practical training MSc subject: "Population genetics of <i>Pinna nobilis</i> from the Marine Protected Area of

	Karpathos"
01/09/2017 - 12/10/2018	Charalampos (Haris) Zafeiropoulos, Postgraduate MSc Program in "Bioinformatics" (University of Crete) MSc thesis subject: "eDNA metabarcoding for biodiversity assessment: Algorithm design and bioinformatics analysis pipeline implementation"
04/05/2015 - 03/07/2015	Mark Gasser, EMBC+ Master Programme Internship (MSc) subject: "Estimation of benthic biodiversity in marine sediments using metabarcoding"
01/07/2014 - 31/08/2014	Katerina Haritonidou, School of Biology (Aristotle University of Thessaloniki) Practical training BSc subject: Distribution patterns of benthic macroorganismic diversity in lagoons of Ambrakikos Gulf
01/07/2014 - 31/08/2014	George Koutoupas, Department of Biological Applications & Technology (University of Ioannina) Practical training BSc subject: Distribution patterns of benthic macroorganismic diversity in lagoons of Ambrakikos Gulf
22/03/2014 - 08/08/2014	Julianna Regenauer, Scholarship from Evangelisches Studienwerk Villigst Internship MSc subject: "Taxonomic identification of benthic macroorganisms"
Volunteer work	
09/03/2009 - 16/03/2009	Centre of Care and Rehabilitation of Seals of the Society for the Study and Protection of the Monk Seal (Mo-m), Steni Vala, Alonnisos (Greece)
03/01/2010 - 10/01/2010	
Collaborations	
2020 →	Member of the International Society for Microbial Ecology
2017 →	Member of the Hellenic Society of Mikrobiokosmos
2014 - 2018	Member of the Association for General and Applied Microbiology - VAAM