Marianna Marangi
ORCID: 0000-0003-2691-337X

1. **ACTUAL POSITION**
19/01/2022 to date

Researcher in Microbiology and Parasitology
(Host pathogens interaction; microbiome; antibiotic resistance; infectious diseases; One Health; parasitology; microbiology)

2. **PREVIOUS POSITION**
1/10/2009 to 18/01/2022

Scientific Technician
Parasitology Lab, Department of Science of Agriculture, Food, Environment and Engineering, University of Foggia, Italy

3. ISTRUCTION AND FORMATION

24/10/2002
Bachelor Degree in Chemical and Pharmaceutical Technology
Department of Pharmacology, University of Bologna, Bologna, Italy
Title: Evaluation of genetic polymorphisms associated with antibacterial resistance in *Helycobacter pilory* through molecular biology techniques

19/07/2005
Master Degree in Toxicology
Department of Pharmacology, University of Bologna, Bologna, Italy
Title: Pharmacological modulation of MRP2 receptor levels in liver biopsies through immunohistochemistry and optical and electronic microscopy techniques

01/05/2005-31/04/2007
Scholarship-Unit of Infectious Diseases, Foggia Hospital, University of Foggia, Foggia, Italy
Project: Study of drug resistance of antiretroviral drugs in HIV+ patients: molecular analysis of mutations associated with drug resistance

01/05/2007-31/04/2009
Scholarship-Parasitology Lab, Department of Science of Agriculture, Food, Environment and Engineering, University of Foggia, Italy
Project: Study of resistance to acaricidal drugs in poultry mites using in vitro drug resistant tests

01/11/2008-11/04/2011
PhD in Quality of Food and Human Nutrition. Department of Science of Agriculture, Food, Environment and Engineering, University of Foggia, Italy
Thesis: Study of drug resistance in poultry mites and presence of pesticide residues in poultry meat using in vitro resistance studies and HLPC, GC mass

4. EXPERIENCE ABROAD (FROM 1 TO 6 MONTHS)

15/10/2007-
15/11/2007

Royal Tropical Institute, Amsterdam, The Netherland
Project: Identification using molecular techniques (REAL TIME NASBA) of malaria parasites in blood samples of asymptomatic subjects coming from African countries

06/01/2008-
31/01/2008

School of Agriculture, Food and Rural Development, Newcastle University, Newcastle-Upon-Tyne (UK)
Project: Evaluation of the susceptibility of the poultry mite *Dermanyssus gallinae* toward acaricidial molecules: in vitro drug resistance study

30/07/2012-
10/08/2012

Utrecht Centre for Tick-Borne Diseases, Faculty of Veterinary Medicine, Utrecht University, Utrecht (The Netherland)
Project: Reverse Line Blotting methods applied to the identification of tick-borne pathogens

06/01/2013-
30/01/2013

Utrecht Centre for Tick-Borne Diseases, Faculty of Veterinary Medicine, Utrecht University, Utrecht (The Netherland)
Project: Molecular characterization using Reverse Line Blotting methods and phylogeny of tick-borne pathogens in sheep

28/09/2014-
28/02/2015

Faculty of Veterinary and Agricultural Sciences, The University of Melbourne, Melbourne (Australia)
Project: Molecular identification using PCR, REAL TIME PCR and SSCP methods of *Cyclospora cayetanensis* in samples of molluscs, waste-water, vegetables, human and primate feces

06/07/2015-
10/07/2015

Center for Evolutionary and Functional Ecology, Universitè P. Valery, Montpellier (France)
Project: Molecular analysis and phylogeny of *Dermanyssus gallinae* specimens in laying hens - Short Term Scientific Mission: Cost Action FA1404 COREMI

10/09/2016-
16/09/2016

Faculty of Agriculture, Food and Environment, Rehovot Campus of The Hebrew, University of Jerusalem, Rehovot (Israel)
Morphological identification of ectoparasites- COST-TS-ECOST-TRAINING_SCHOOL-FA1404 100916-076701

07/11/2016-
18/11/2016

MorendumResearch Institute, Pentlands Science Park, Bush Loan, Penicuik (UK)
Project: Characterization of acaricide target genes in *Dermanyssus gallinae* specimens: pharmacogenomics study COST-STSM ECOST-STSM-FA1404-051116-081411

10/06/2019-
21/06/2019

Health Public Laboratory-Fondazione Ivo de Carneri, Health Organization, Pemba (Tanzania)
Laboratory techniques for the diagnosis of tropical diseases PHL/A10/10/2019/02

01/03/2025-
15/03/2025

Biology Center CAS, Laboratory of Genomics and Diversity of Protist, Cesky Budeyovice, Repubblica Ceca
E-COST-GRANT-CA21105-6db92784, *Blastocystis* under ONE HEALTH

02/03/2026-13/03/2026 **Department of Microbiology and Infection Control, Staten Serum Institute, Copenhagen S, Denmark**
E-COST-GRANT-CA21105-6db92784, *Blastocystis* under ONE HEALTH

07/04/2026-10/04/2026 **Biology Center CAS, Laboratory of Genomics and Diversity of Protist, Cesky Budeyovice, Repubblica Ceca**
E-COST-GRANT-CA21105-6db92784, *Blastocystis* under ONE HEALTH

5. **ACADEMIC TEACHING** (from2011 to date)

14/11/2011-15/11/2011
"DNA extraction and molecular testing (PCR, Real Time PCR, RLB) of parasites in tick samples".
Virology Sector, Control of Infectious Diseases Department", Institute of Public Health, Tirana, Albania.

14/07/2014-14/07/2014
"Laboratory methods for the detection of etiological agents of anthropozoonosis of inspection interest".
Master Degree in Inspection of Food of Animal Origin "G. Tiecco". Faculty of Veterinary Medicine. University of Teramo, Italy

Academic Year: 2017-2018
"Parasitic agents in fish production and quality control.
Department of Agricultural Sciences, Food, Natural Resources and Engineering. University of Foggia, Italy

14/03/2021-14/03/2021
"Parasites and Sea Turtles" in Sea Turtles Medicine Program
Master Degree in "Conservation Medicine of Aquatic Animals" –
Department of Comparative Biomedicine and Nutrition, University of Padua, Italy.

12/07/2021-18/07/2021
"Pathogens and aquatic animals"
Tethys Research Institute, Milan, Italy

06/09/2021-10/09/2021
"Pathogens and aquatic animals"
Calimera Marine Turtle Recovery Centre, Lecce, Italy

22/09/2021-24/09/2021
"Biology and conservation of sea turtles. Pathogenic microorganisms in sea turtles"
Master Degree in "Conservation and management of fauna in the Mediterranean environment".
Department of Agricultural Sciences, Food, Natural Resources and Engineering, University of Foggia, Italy.

Academic years: 2021-2022 and 2022-2023
General Microbiology.
Bachelor Degree in Biomolecular Sciences and Technologies. Faculty of Medicine and Surgery. University of Foggia, Italy

Academic years: 2021-2022 and 2022-2023
Medical Microbiology
Master degree in Experimental and Clinical Biology. Faculty of Medicine and Surgery. University of Foggia, Italy

Academic years: 2023-2024; 2024-2025; 2025-2026
General Microbiology.
Bachelor Degree in Biological Science. Faculty of Medicine and Surgery. University of Foggia, Italy

Academic years: 2023-2024; 2024-2025; 2025-2026
General Microbiology.
Master Degree in Microbiology and Virology. Faculty of Medicine and Surgery. University of Foggia, Italy

Academic year: 2025-2026
General Microbiology.
Bachelor Degree in Biomedical Laboratory Techniques. Faculty of Medicine and Surgery. University of Foggia, Italy

Academic year: 2025-2026
Oral Microbiology
Bachelor Degree in Odontology. Faculty of Medicine and Surgery. University of Foggia, Italy.

Academic year: 2026-2027
Parasitology Diagnostic
Bachelor Degree in Biomedical Laboratory Technique. UniCamillus-Saint Camillus International University of Health Sciences, Rome, Italy

6. REVIEWER FOR PEER-REVIEW JOURNALS

2009: Experimental and Applied Acarology

2014: Veterinaria Italiana

2015: Experimental Parasitology

2015: Journal of Eukaryotic Microbiology

2015: Medicaland Veterinary Entomology

2017: Food Chemistry

2019: Frontiers in Microbiology

2020: International Journal for Parasitology: Parasites and Wildlife

2021: EcoHealth

2024: Gut Microbiome

2024: Ecology and Diversity

2024: Microorganisms

2025: Science of Total Environment

7. AWARDS

22nd October 2013: **University of Foggia 'Montel Award' to young researchers** for the following publication: Marangi M, Morelli V, Pati S, Camarda A, Cafiero MA, Giangaspero A. 2012. Acaricide residues in laying hens naturally infested by red mite *Dermanyssusgallinae*. PloS One 7:e31795 doi: 10.1371/journal.pone.0031795.

24-27 September 2023: **BEST POSTER FOR MICROBIOLOGY SURVAILLANCE**: Marangi M, Lanfredi C, Airoldi S. Zoonotic pathogenic microorganisms from the marine environment: A One Health perspective. 51th National Congress of Microbiology, Cagliari, Italy

8. PARTECIPATION TO INTERNATIONAL AND NATIONAL PROJECTS AS PRINCIPAL INVESTIGATOR

2025-2026: Unravelling the Gut: Microbiome Insights from African and Italian patients with Diarrheal Diseases.

2023-2026: FA COST Action CA21105: *Blastocystis* under One Health

MARIE CURIE H2020-MSCA-IF-2017: Advanced Molecular Platform for detection of Food- and Waterborne Diseases, Elvesys, Paris, France

9. PARTECIPATION TO INTERNATIONAL AND NATIONAL PROJECTS AS COLLABORATOR

2022-2024: PRIN Prot. 2022FZL92A: One health genomics-study of antibiotic-resistant *Enterococcus* spp. from human infections, food-producing and wild marine animals.

2014-2017: FA COST Action FA1404: Improving current understanding and research for sustainable control of the poultry red mite *Dermanyssus gallinae* (COREMI) (MC Substitute).

2006-2008: Br-Crui Project British-Italian partnership programme for researchers Collaborative Project-Title: New integrated tools for understanding the impact of ectoparasites on poultry and human health and developing alternative control strategies. Newcastle University, UK.

2011-2013: PON 0200185-3417512: Development of a prototype for the rapid diagnosis of emerging pathogens in edible shellfish.

2011-2013: PRIN prot. 2010P7LFW4-002: Genomics and host-pathogen interactions: a model study in the One-Health perspective.

2010-2012: Research project in collaboration with IZS-FG and Newcastle University (UK): Survey of exotic Aedes mosquito genus in Apulian ports and airports.

2010-2011: Cassa di Risparmio di Puglia Foundation: Ectoparasites in poultry farms and human health: study of acaricide residues in poultry organs and tissues.

2010-2012: PON01-01480 Research project: Detection of *Giardia* and *Cryptosporidium* oocysts in water, soil and vegetables in Real Time PCR.

2009-2011: Banca del Monte Foundation. Aedes albopictus and health risks: epidemiological and environmental survey in Foggia Province

2007-2011: RC-IZS, Foggia and Newcastle University (UK): Epidemiology of *Dermanyssus* in poultry farms in Apulia: a study of the prevalence and evaluation of the role of *Dermanyssus* as a vector for pathogens.

2009-2010: RC-IZS, Foggia and Newcastle University (UK): Acaricide resistance and vector role of *Dermanyssus gallinae*.

2007-2008: RC-IZS, Foggia and Newcastle University (UK): Epidemiology of dermanyssosisin poultry farms and vector role of Dermanyssus gallinae.

2006: Grant from the University of Foggia on Molecular characterization of *Giardia* and *Cryptosporidium* isolates.

2006-2007: Exploratory project funded by Apulia Regional Government: Sea and lagoon environments in northern Apulia: integrated study to evaluate pollution of water and bivalve molluscs and risks to consumers.

2005-2007: PRIN: Zoonotic protozoans in marine and lagoon bivalve molluscs: a molecular study to evaluate environmental pollution and risks to consumers.

10. ORAL COMUNICATION-INTERNATIONAL AND NATIONAL CONFERENCE (AS SPEAKER)

2-4 September 2026: Evaluation of 16S-18S Amplicon NGS for Detection and Genetic Diversity Analysis of *Blastocystis* in Hospitalized Patients.5th International *Blastocystis* Conference, Tenerife, Spain

22-24 April 2026: A worldwide spatial and temporal distribution of bacterial communities across captive and wild marine mammals as a proxy of health and welfare. 37th European Cetaceans Conference, Dundee, UK

29 September-3 October 2025: Diagnosi di laboratorio delle parassitosi intestinali ed organo sistemiche. Azienda Ospedaliera dei Colli di Napoli. AMCLI. Napoli, Italy

19-22 September 2025: Gut microbiome characterization among African and Italian individuals with diarrheal diseases. 53th National Congress of Microbiology, Catania, Italy

19-22 September 2025: SARS-CoV-2 whole genome detection in faecal samples of free-ranging and alive Mediterranean sperm whales (*Physeter macrocephalus*) into the One Health concept. 53th National Congress of Microbiology, Catania, Italy

12 May 2025: Pathogens and gut microbiome interaction in Risso's dolphin: preliminary results. 36th Europeans Cetaceans Conference. Ponta Delgada, Azores

12-16 May 2025: First report of SARS-CoV-2 in wild sperm whale from North-Western Mediterranean Sea. 36th Europeans Cetaceans Conference. Ponta Delgada, Azores

25-28 March 2025: Sequencing of SARS-COV-2 from faecal samples of diarrheic patients with concomitant positivity for intestinal protozoa. 52th National Congress of Clinical Microbiology, Rimini, Italy

25-28 March 2025: A case of *Paragominus westermani* and *Mycobacterium tuberculosis* co-infection in an Italian woman after a travel in an endemic area. 52th National Congress of Clinical Microbiology, Rimini, Italy

17-19 September 2024: From land to sea: The long journey of *Blastocystis* sp. 4Th International Conference on *Blastocystis* sp. Heraklion, Greece

17-19 September 2024: A preliminary insight in the gut microbiome profile in *Blastocystis*-carrier patients with diarrhoea in Italy. 4th International Conference on *Blastocystis* sp. Heraklion, Greece

27-29 June 2024. Metagenomics gut profile of immigrant patients coming from African countries. Terza Edizione del Congresso Cortona Procarioti, Cortona, Italy

10-12 April 2024: Pathogenic microorganisms and gut microbiome profile in cetaceans from Pelagos Sanctuary: how far terrestrial and coastal processes influence the marine environmental? 35th European Cetaceans Conference. Catania, Italy

8-11 March 2024: A potential interaction between *Blastocystis* sp. and SARS-COV-2 in patients with diarrhea in Italy. 51th National Congress of Clinical Microbiology. Rimini, Italy

24-27 September 2023: Prevalence of gastrointestinal pathogens and COVID-19 in patients with diarrhea referring to a University Hospital. 51th National Congress of Microbiology. Cagliari, Italy

24-27 September 2023: Zoonotic pathogenic microorganisms from the marine environment: A One Health perspective. 51th National Congress of Microbiology. Cagliari, Italy

24-27 September 2023: Preliminary insights in the gut microbiome profile of immigrant patients from African countries. 51th National Congress of Microbiology. Cagliari, Italy.

22-28 August 2023: Infectious diseases in wildlife. Dalla teorica alla pratica. Chaimos Week, Chaimos, Valle D'Aosta, Italy

11 June 2023: Drug resistence and *Caretta caretta*: a One Health perspective. Into the Blue Sea Life Festival, Rimini, Italy

11 May 2023: Microorganismi patogeni di cetacei e tartarughe. 1° Evento Formativo: Spiaggiamenti di fauna marina. Riconoscimento di specie. Procedura operativa ASL FG. Lesina (FG). Azienda Ospedaliera ASL FG

3-7 October 2022: Cetaceans: sentinel species of the impact of human activities on the marine and terrestrial ecosystems. 4th Joint Meeting of Agriculture-oriented PhD Programs UniCT, UniFG and UniUD Higher Education for Sustainable Food Production, Udine, Italy

18-21 September 2022: *Blastocystis* sp. prevalence and subtypes in autochthons and immigrant patients in a Southern Italy hospital. 50th National Congress of Microbiology, Napoli, Italy

18-21 September 2022: Human infection by *Trichostrongylus* spp. in one immigrant patient living in an asylum seekers center in Southern Italy. 50th National Congress of Microbiology, Napoli, Italy

5 June 2022: Granchio blue controllo di qualità. Primi risultati in ambito microbiologico. Into the Blue Sea Life Festival. Rimini, Italy

5-7 October 2020- Occurrence of zoonotic parasites in free-ranging dolphins and sea turtles in the Gulf of Taranto (Northern Ionian Sea, Central-eastern Mediterranean Sea). IMEKO TC- 19 International Workshop on Metrology for the Sea, Naples, Italy

9-12 December 2019- A new multidisciplinary approach to monitor the health status of free living fin and sperm whale in the Pelagos Santuary. World Marine Mammals Conference, Barcellona, Spain

9-12 December 2019- Morphological and molecular identification of gastrointestinal parasites in free-living striped dolphin (*Stenella coeruleoalba*) of the Gulf of Taranto (Northern Ionian Sea, Central Mediterranean Sea). World Marine Mammals Conference, Barcellona, Spain.

14 December 2019: Tartarughe marine e parassiti: stato attuale delle conoscenze e programmi di intervento per la loro tutela. XIII Convegno Nazionale Centro Studi Cetacei. Pescara, Italy

11-13 April 2019- Morphological and molecular identification of the parasites of free living sea turtles (*Caretta caretta* l., 1758) of the Adriatic coast: preliminary studies. II National Congress of Turtle, Albenga, Italy

20-21 September 2017- Preliminary results towards the molecular characterization of voltagegene sodium channel in *Dermanyssus gallinae* isolates. 3nd COST COREMI Conference, Lisboa, Portugal.

21-24 June 2016-Zoonotic protozoans from farmed and marketed *Mytilus* spp. in Sardinia (Italy). XXIX Congresso Nazionale SOIPA, Bari, Italy

21-24 June 2016- Genetic characterization of *Toxoplasma gondii* from industrial pigs bred in the "Food Valley" (Italy). XXIX Congresso Nazionale SOIPA, Bari, Italy.

1-3 June 2016-Towards the molecular characterization of the channel sodium gene in *Dermanyssus gallinae* acaricide resistant isolates from Italy. 2nd COST COREMI Conference, Zagreb, Croatia.

22-23 October 2015- Drug resistance in Arthropods. COREMI Workshop, Montpellier, France.

24-27 June 2014- Evagreen® Real Time PCR, Plasmid-Based Controls and High-Resolution Melting (HRM) Assay for analysis of *Toxoplasma gondii* and *Cyclospora cayetanensis* in environmental and food samples. XXVIII Congresso Nazionale SOIPA, Roma, Italy.

24-27 June 2014-Phylogenetic evidence for the origins of *Wohlfahrtia magnifica* isolates from sheep in Italy. XXVIII Congresso Nazionale SOIPA, Roma, Italy.

9-12 September 2014-Origine degli isolati di *Wohlfahrtia magnifica* in Italia. XXI Congresso Nazionale SIPAOC, Foggia, Italy.

26-29 June 2012-Acaricide residues in laying hens naturally infested by red mite *Dermanyssus gallinae*. XXVII Congresso Nazionale SOIPA, Alghero, Italy.

13-14 October 2011-Acaricide treatments against the red mite *Dermanyssus gallinae* in poultry industries: a hazard for consumers and workers. Congress of Occupational Medicine, Prague.

18-20 May 2009: The phylogenetic relationship between *Dermanyssus gallinae* populations in European countries based on mitochondrial CO1 gene sequences. World Poultry Science Association, Cervia, Italy

30 March-2 April 2008- Prevalence of *Plasmodium* species in malaria asymptomatic African immigrants assessed with real-time quantitative nucleic acid sequence-based amplification. Congress Of The British Society of Parasitology, Newcastle Upon Tyne, United Kingdom.

30 March-2 April 2008- Evaluation of *Dermanyssus gallinae* (Acarina: Dermanyssidae) susceptibility to some acaricides in a field population from Italy and the UK. Congress of The British Society of Parasitology, Newcastle Upon Tyne, United Kingdom.

18-21 June 2008-Genetic investigation on *Giardia* isolates circulating among children and dogs in a Rom community. XXV Congresso Nazionale SOIPA, Pisa, Italy.

18-21 June 2008: Evaluation of *Dermanyssus gallinae* (Acarina: Dermanyssidae) susceptibility to some acaricides in Italy and UK. XXV Congresso Nazionale SOIPA, Pisa, Italy.

18-21 June 2008: Prevalence of *Plasmodium* species in malaria asymptomatic African immigrants assessed by real-time quantitative nucleic acid sequence-based amplification. XXV Congresso Nazionale SOIPA, Pisa, Italy.

11. SCIENTIFIC SOCIETIES

1. **AMCLI** - Association of Italian Clinical Microbiologists
2. **SIM** - Italian Society of Microbiology
3. **SIMBGM** - Italian Society of General Microbiology and Microbial Biotechnology
4. **SOIPA** - Italian Society of Parasitology
5. **CoSP** - Working Group on Parasitology

12. EDITORIAL JOURNAL BOARD MEMBER

1. Microorganisms
2. Current Microbiology Development

13. BACHELOR AND MASTER DEGREE THESIS SUPERVISOR

1) Super bacteria: *Pseudomonas aeruginosa* and Antibiotic Resistance (Year 2026; Bachelor's Degree in Biology)

2) Acquired Immunodeficiency Viruses: Diagnostic Approaches, Therapies, and Drug Resistance (Year 2026; Bachelor's Degree in Biology)

3) Opportunistic Fungal Infections: Causes, Symptoms, and Therapeutic Approaches (Year 2026; Bachelor's Degree in Biology)

4) Coronaviruses in a Changing World (Year 2026; Bachelor's Degree in Biology)

5) The Vaginal Microbiota: Importance and Dysbiosis (Year 2026; Bachelor's Degree in Biology)

6) Risks and Pathogenicity of *Listeria monocytogenes* in Humans. From Knowledge to Prevention (Year 2025; Degree in Biological Sciences)

7) Zoonotic Pathogenic Microorganisms: The Importance of the One Health Approach (Year 2025; Degree in Biological Sciences)

8) Gastrointestinal Viruses: Epidemiology and Risk Factors (Year 2024; Degree in Biomolecular Sciences and Technologies)

9) The Gut Microbiota: Role and Impact on Human Health (Year 2024; Degree in Biological Sciences)

10) Phenotypic Analysis of *Enterococcus* spp. Isolates Collected from clinical and environmental samples from a One Health perspective (Year 2024; Degree in Biological Sciences)

11) Prevalence of intestinal protozoan microorganisms and their association with the gut microbiome in immigrant subjects (Year 2023; Degree in Biomolecular Sciences and Technologies)

12) Prevalence and genetic characterization of gastrointestinal pathogens in diarrheal patients in Italy (Year 2023; Degree in Biomolecular Sciences and Technologies)

14. ACCADEMIC COMMITTEE PARTICIPATIONS

1. Entrance exam for the Bachelor's Degree in Biological Sciences (Years 2022; 2023; 2024; 2025)

2. Entrance exam for the School of Specialization in Microbiology and Virology (Years 2023; 2024; 2025)

3. Research Grant "Collection and phenotypic and molecular characterization of Enterococci strains isolated from clinical and environmental samples PRIN Project - Year 2022_SSD MED/03A Clinical Microbiology and BIOS/15A General Microbiology

4. Research Grant "Evaluation of the activity of Foamille® foam in preventing the formation of rebound droplets, containing bacteria and spores belonging to various species." "RIPARTI: Research Grants to Restart with Businesses" – CUP D74C22000040002 SSD MED/03A Clinical Microbiology and BIOS/15A General Microbiology

5. Quality Assurance Degree in Biological Sciences (From 2022)

PEER REVIEW SCIENTIFIC PUBLICATIONS

1. **Marangi M**, Lepore G, Valzano F, Altamura S, Pisanelli D, Lipsi MR, Lacedonia D, Boughattas S. 2026. First molecular detection and characterization of *Cyclospora cayetanensis* in an Italian clinical case. ID Cases 44 (2026) e02542. https://doi.org/10.1016/j.idcr.2026.e02542
2. Palladino G, **Marangi M**, Scicchitano D, Turroni S, Rampelli S, Candela M. 2025. Gut microbiome structure in asylum seekers newly arrived in Italy from Africa. Sci Rep. 2025 Nov 18;15(1):40596. doi: 10.1038/s41598- 025-24250-x.
3. **Marangi M**, Palladino G, Valzano F, Scicchitano D, Turroni S, Rampelli S, Candela M, Arena F. 2025. Genetic characterization of enteric protozoan microorganisms in newly arrived migrants in Italy and correlation with the gut microbiome layout. Travel Med Infect Dis. 2025 Sep-Oct;67:102901. doi: 10.1016/j.tmaid.2025.102901.
4. **Marangi M**, Boughattas S, Eltai N.O. et al. 2025. The first insights into the gut microbiome profile of wild Mediterranean monk seal. Discover Life 55, 21 (2025). https://doi.org/10.1007/s11084-025-09700-w
5. Valzano F, Beccia E, La Bella G, **Marangi M**, Arena F. 2025. The Y58D mutation in rpsJ gene is correlated with tigecycline and eravacycline combined resistance in ST80 vancomycin-resistant *Enterococcus faecium* isolates. J Glob Antimicrob Resist. 2025 May 5;43:242-247. doi: 10.1016/j.jgar.2025.04.028.
6. **Marangi M**, Boughattas S. 2025. Genetic diversity of single-celled microorganism *Blastocystis* sp. and its associated gut microbiome in free-ranging marine mammals from North-Western Mediterranean Sea. Curr Res Microb Sci. 2025 Jan 22;8:100349. doi: 10.1016/j.crmicr.2025.100349.
7. Boughattas S, Ben Ayed L, Mirjalali H, **Marangi M**, Albatesh D, ElGamal A, Al-Shaikh I, Al-Neama N, Althani AA, Karanis P, Benslimane FM. 2025. Molecular identification and characterization of waterborne protozoa among stranded Dugong dugon. Mar Pollut Bull. 2025 Feb;211:117454. doi: 10.1016/j.marpolbul.2024.
8. **Marangi M**, Boughattas S, Benslimane F. 2024. Gut microbiome profile to the level species in diarrheic protozoan-carrier patients in Italy. Life Sciences. 123182. 10.1016/j.lfs.2024.123182
9. **Marangi M**, Papini RA, Furii G, Gordigiani L, Di Noi A, Fossi MC, Casini S, Caliani I. 2024. Parasitological investigation and potential effects of parasitism on hematological, genotoxic and immune parameters in free ranging sea turtles rescued along the Southern Adriatic coast (Eastern Mediterranean Sea). Mar Pollut Bull. 2024 Dec;209 (Pt B):117274. doi: 10.1016/j.marpolbul.2024.117274.
10. **Marangi M**, Boughattas S, Valzano F, La Bella G, De Nittis R, Margaglione M, Arena F. 2024. Prevalence of *Blastocystis* sp. and other gastrointestinal pathogens among diarrheic COVID-19 patients in Italy. New Microbes New Infect. 15;58:101228. doi: 10.1016/j.nmni.2024.101228.
11. Valzano, Felice, Coda, Anna Rita Daniela, **Marangi, Marianna**, La Bella, Gianfranco, Liso, Arcangelo, Arena, Fabio. 2024. Activity of a foam in preventing rebound of vancomycin-resistant *Enterococcus faecium*- containing droplets generated from the toilet bowl. Archives of Microbiology, vol.206, ISSN: 1432-072X, doi: 10.1007/s00203-023-03775-7
12. Radaelli Elena, Palladino Giorgia, Nanetti Enrico, Scicchitano Daniel, Rampelli Simone, Airoldi Sabina, Candela Marco, **Marangi Marianna**. 2024. Meta-analysis of the Cetacea gut microbiome: Diversity, co- evolution, and interaction with the anthropogenic pathobiome. Science Of The Total Environment, vol. 1, ISSN: 0048-9697, doi:10.1016/j.scitotenv.2024.172943
13. Valzano, Felice, La Bella, Gianfranco, Lopizzo, Teresa, Curci, Anna, Lupo, Laura, Morelli, Elisabetta, Mosca, Adriana, **Marangi, Marianna**, Melfitano, Raffaela, Rollo, Tiziana, De Nittis, Rosella, Arena, Fabio. 2024. Resistance to ceftazidime–avibactam and other new β-lactams in *Pseudomonas aeruginosa* clinical isolates: a multi-center surveillance study. Microbiology Spectrum, ISSN: 2165-0497, doi: 10.1128/spectrum.04266-23
14. **Marangi M**, Boughattas S, De Nittis R, Pisanelli D, Delli Carri V, Lipsi MR, La Bella G, Serviddio G, Niglio M, Lo Caputo S, Margaglione M, Arena F. 2023. Prevalence and genetic diversity of *Blastocystis* sp. among autochthonous and immigrant patients in Italy. Microb Pathog. 2023 Oct 13;185:106377. doi: 10.1016/j.micpath.2023.106377
15. **Marangi M,** Carlucci R, Carlino P, Fanizza C, Cirelli G, Maglietta R, Beneduce L. 2022. Dolphins and sea turtles may host zoonotic parasites and pathogenic bacteria as indicators of anthropic pressure in the Gulf of Taranto (Northern Ionian Sea, Central-Eastern Mediterranean Sea). Veterinary Research Communication. https://doi.org/10.1007/s11259-022-10011-y
16. **Marangi M**, Lago N, Mancinelli G, Lillo O, Scirocco T, Specchiulli A, Sinigaglia M, Cilenti L. 2022. Occurrence of the protozoan parasites *Toxoplasma gondii* and *Cyclospora cayetanensis* in the invasive Atlantic blue crab *Callinectes*

sapidus from the Lesina Lagoon (SE Italy). Marine Pollution Bullettin 176, 113428

17. Soccio M, **Marangi M**, Laus MN. 2022. Genome-Wide Expression Analysis of Glyoxalase I Genes Under Hyperosmotic Stress and Existence of a Stress-Responsive Mitochondrial Glyoxalase I Activity in Durum Wheat (*Triticum durum* Desf.). Front Plant Sci. 27;13:934523.
18. Trogu T, Formenti N, **Marangi M**, Vigano R, Bionda R, Giangaspero A, Lanfranchi P, Ferrari N. 2021. Detection of *Cryptosporidium ubiquitum* in Alpine Wild Ruminants. Pathogens. 10,655
19. **Marangi M**, Airoldi S, Beneduce L, Zaccone C. 2021. Wild whale faecal samples as a proxy of anthropogenic impact. Scientific Reports. 11(1), 5822
20. Andreani A, Giangaspero A, **Marangi M**, Barlaam A, Ponzetta MP, Roy L, Belcari A, Sacchetti P. 2020. Asia and Europe: So distant so close? The case of *Lipoptena fortisetosa* in Italy. Korean Journal Parasitology. 58:1-10.

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