

Curriculum Vitae – Anna Psaroulaki

1. Personal Information

- Name: Psaroulaki Anna
- Current Position: Professor of Microbiology/Zoonoses
- Institution / Department: Medical School, University of Crete
- Email: psaroulaki@uoc.gr
 - ORCID: 0000-0003-2078-9822 (<https://orcid.org/my-orcid?orcid=0000-0003-2078-9822>)
 - Google Scholar (Psaroulaki A) : <https://scholar.google.com/citations?user=kfAXADwAAAAJ&hl=en>
 - Pub Med: <https://pubmed.ncbi.nlm.nih.gov/?term=Psaroulaki+A%5BAuthor%5D&sort=date#>
 - Scopus AU-ID ("Psaroulaki, Anna" 6602337143)

2. Education and Qualifications

- 1978–1982 – Diploma in Biology, Aristotle University of Thessaloniki, Greece
- 1993–1998 – PhD thesis, Medical School, University of Crete (UoC), Greece (Microbiology/Zoonotic Infectious Diseases)

3. Current and Previous Positions

Year–present -Position, Institution, Responsibilities

- 2024–present – Professor of Microbiology/Zoonoses, Medical School, University of Crete
- 2017-present- Head of the Unit of Zoonoses (Laboratory of Clinical Microbiology and Microbial Pathogenesis, Medical School, University of Crete), Head of the Unit of Rickettsiae & Tick-Borne diseases (Reference Lab for Tick Borne bacteria)
- 2006-present: Lead of the Lab of Food, Water & Environment Microbiology, Medical School, UoC. The Lab is ISO-17025 accredited; Competent Organisation (also known as Article 36 List) of the European Food Safety Authority (EFSA); Reference Lab for Legionellosis
- 2014 -present: Director of the Regional Public Health Laboratory of Crete
- 1993-present: Lead of the Legionellosis research group, Medical School, University of Crete

Year–Year – Position, Institution, Responsibilities

- 2019-2023: Associate Professor of Microbiology/Zoonoses, Medical School, University of Crete
- 2017-2019: Assistant Professor of Microbiology/Zoonoses, Medical School, University of Crete
- 2012-2017: Assistant Professor of Zoonoses, Medical School, University of Crete
- 2006-2012: Lecturer of Zoonoses, Medical School, University of Crete
- 2009-2014: Deputy Director of the Regional Public Health Laboratory of Crete

- 2006-2017: Head of the Unit of Zoonoses, Laboratory of Clinical Bacteriology, Parasitology, Zoonoses and Geographical Medicine (Lab CBPZGM), School of Medicine, University of Crete. The unit has been National Reference Center and WHO Collaborating Center/Research and Training in Mediterranean Zoonoses (MZCC / WHO), until 2008.
- 1993-2017: Head of the Unit of Rickettsiae and tick-borne diseases (Lab CBPZGM School of Medicine, UoC. The unit has been National Reference Center
- 1998- 2011: Scientific collaborator of the WHO Collaborating Center for Research and Training in Mediterranean Zoonoses (MZCC / WHO), University of Crete
- 1993-2006: Senior scientist/Research Fellow (1993-1998), Post-Doctoral Researcher (1998-2006) in various research projects and education programs of the Laboratory of Clinical Bacteriology, Parasitology, Zoonoses and Geographical Medicine (School of Medicine, University of Crete)
- 2016-2021: Head of the HACCP Committee, University Hospital of Heraklion, Crete

4. Research

Research fields

- ✓ Clinical Microbiology,
- ✓ Molecular Microbiology and Epidemiology of Infectious Diseases,
- ✓ Zoonoses
- ✓ Food / Water Microbiology
- ✓ Food / Water hygiene and safety
- ✓ Public and Environmental Health

Key research activities:

- ✓ Microbial pathogenesis, antibiotics, antimicrobial resistance (using molecular methods and proteomics tools).
- ✓ Microbiology and eco-epidemiology of zoonotic pathogens under a “One Health Approach”
- ✓ Epidemiology, ecology and behavior of Food / Water-borne pathogens

Research interests focus on:

- a) the investigation of the epidemiological chain of transmission of zoonotic/foodborne/waterborne pathogens at the "Human-Animal-Environment" interface with the aim of better understanding their transmission and spread. Under the One Health approach, bacterial species/strains (from patients, animals and environmental samples) are characterized using molecular epidemiology and omics methodologies, and their phylogenetic relationships and interactions are determined;
- b) understanding the mechanisms of intracellular survival and microbial resistance to antibiotics for intracellular bacteria using proteomic/genomic analysis methods;
- c) the investigation of risk factors for microbiological safety and hygiene in food and water, with the aim of proposing measures and innovative methodologies towards improving quality and safety.

5. Research projects -Funding

Participation in >40 research projects (scientific coordinator in 20 projects) Her research has been funded by both international and national organizations. Total funding during the decade 2013-2023.: 6.397.900

Projects / Grants

1. **2025 -2028** "Connecting Greek and Portuguese Innovation Ecosystems to Develop a Hub for Infectious Diseases Diagnostic Solutions at the Point-of Care – Tackling Cross-border Threats" (DxHub)- Programme:HORIZON-CSA (HORIZON-WIDERA-2023) /Participant Investigator
2. **2023-2026** EU Wastewater Integrated Surveillance for Public Health Joint Action Wastewater" -EU-WISH (Joint Action Wastewater , Type of action: EU4H-PJG, Activity: EU4H-2023-JA-IBA-02) Budget: 69.179€ /Coordinator for the Regional Public Health Laboratory (RPHL) of Crete •
3. **2022-2025** HERA-II, EU4H-2022-DGA-MS-IBA-01_subtopic 2: «Consolidation of WGS and RT-PCR activities in countries that received support in 2021 aiming to ensure the sustainable use and integration of enhanced infrastructure into routine surveillance and outbreak investigation activities, in synergy with relevant on-going work at international level" /Coordinator for the Regional Public Health Laboratory (RPHL) of Crete
4. **2022–2023** ICRAD ERA-NET project "BruceGenoProt": "A comprehensive proteogenomic analysis of Brucella to understand the epidemiology, biology, virulence mechanisms and host-pathogen interaction. Budget: 185.354€ (Coordinator)
5. **2021-2026** SARS COV2 Wastewater" within the framework of a Programmatic Agreement concluded with the National Public Health Organization (NPHO) -Coordinator for the Regional Public Health Laboratory (RPHL) of Crete
6. **2021- 2022** ECDC - project -EU Health Emergency Preparedness and Response Authority) «Enhancing Whole Genome Sequencing (WGS) and/or Reverse Transcription Polymerase Chain Reaction (RT-PCR) national infrastructures and capacities to respond to the Covid-19 pandemic in the European Union and European Economic Area (GRANT/2021/PHF/23776) Funding: ECDC Budget for the Regional Public Health Laboratory (RPHL) of Crete: 1.787.157€ /Coordinator for the Regional Public Health Laboratory (RPHL) of Crete
7. **2015-2026** RPHLC - Design and implementation of objects within the framework of the operation of the Regional Public Health Laboratory (RPHL) of Crete National Public Health Organization /Coordinator
8. **2023–2025:** Holistic molecular approach to the mechanisms of immune damage in patients with severe pneumonia, aiming at the development of personalized biomarkers and innovative models for the prognosis and prevention of complications" in the context of the Action "Flagship actions in interdisciplinary scientific areas with special interest for the connection with the productive network", Greece 2.0 NATIONAL RECOVERY AND RESILIENCE PLAN /Participant Investigator
9. **2018-2020** "Protein testing for the differential diagnosis of C.burnetii in animals of human nutritional importance" Lifelong learning- Operational program "Human resource development, lifelong learning training-Support for researchers with emphasis on young researchers" Budget 62.649 € /Coordinator
10. **2018 – 2023** Active, Flexible Packaging with Antimicrobial Properties for Extending the Shelf Life of Selected Domestic Cheeses (EVZIN)" -"RESEARCH CREATE INNOVATE" (ESPA 2014-2020 Budget: 427.352 € /Coordinator of the School of Medicine team
11. **2018 – 2023** Development and implementation of a comprehensive preventive control system of Legionella in the water systems of hotel units in Crete RESEARCH CREATE INNOVATE" (ESPA 2014-2020) Budget: 274.276,32€/ Coordinator of the UoC team
12. **2018-2025** European program iWaterMap: Water Technology Innovation Roadmaps- Interreg Europe Financial Framework Coordinator for Greece: Region of Crete/ Collaborator/member of the research team
13. **2019-2021** Laboratory tests of whey products and vegetable residues from supermarkets during the production stages of animal feed or soil improvers – BEATLE» RIS-CRETE, EUROPEAN REGIONAL DEVELOPMENT FUND (ERDF) Budget: 63097,91€ Coordinator of the UoC team
14. **2019-2021** Educational program: Coronavirus (SARS-CoV-2) - Precautions & preventive measures. Funding: Region of Crete and Region of Peloponnese / Scientific coordinator
15. **2015-2016** «Microbiological tests on food, beverage and environmental samples in the context of supporting the exercise of preventive and repressive health controls in the Region of Crete" Region of Crete (Service Provision project) /Coordinator
16. **2015 -2016** Design and realization of subjects under the function of the Regional Laboratory of Public Health of Crete. Funding by the HCDCP (Ministry of Health) - Scientific coordinator /Coordinator

17. **2017- 2019** A portable MicroNanoBioSystem and Instrument for ultra-fast analysis of pathogens in food: Innovation from Love-Food lab prototype to a pre-commercial instrument» Evaluation (end-users /Validation) of methodology and accompanying device for the rapid detection of foodborne pathogens /Participant Investigator
18. **2013-2015** «Brucmel - Brucella melitensis: biotyping and differential diagnostic» (EMIDA ERA-NET) Participating countries: Greece, Israel, Italy.
19. **2014-2017** ΕΠΙΖΩ Surveillance of zoonotic Diseases in Crete. Management: ELKE, University of Crete - Scientific coordinator (Service Provision project) /Coordinator
20. **2007-2014:** "Development of Research and Development for Innovation projects on '(AgroETAK) -funded by the European Social Fund (ESF) under the Operational Programme" Development of human Resources "(NSRF 2007-2013)/ Coordinator of the UoC team
21. **2013-2017** Infection and colonization of water systems of hotels of Crete by bacteria of the genus Legionella and risk assessment. Management: ELKE, University of Crete - Scientific coordinator (Service Provision project) Coordinator
22. **2013 -2016** Provision of specialized services in laboratory diagnosis of infectious diseases Management: ELKE University of Crete – (Service Provision project) Coordinator
23. **2012-2014:** INTEGRATED ENVIRONMENTAL MANAGEMENT LIVESTOCK WASTE-IMAST” (Cross-Border Cooperation Programme "Greece – Cyprus 2007-2013 - FINANCED BY THE EUROPEAN UNION (ERDF) AND BY NATIONAL RESOURCES OF GREECE AND OF CYPRUS) - Coordinator of the UoC team
24. **2011-2013** Integrated Surveillance and control programme for West Nile Virus and malaria in Greece MIS 365280 (MALWEST Project)" -through the Operational Programme entitled “Human Resources Development of National Strategic Reference Framework” (NSRF) 2007–2013. www.epanad.gov.gr , www.espa.gr co-funded by Greece and the European Union-European Regional Development Coordinator of the UoC team
25. **2012- 2013** Waste water surveillance to detect wild poliovirus under the programme of polio eradication set by the World Health Organisation. Conducted by the Center for Disease Control (Participant Investigator)
26. **2011-2014** SERBIAN - GREEK SCIENCE & TECHNOLOGY COOPERATION, financing for 2011-2014 period. «Distribution of tick transmitted intracellular bacteria in Greece and Serbia» - Collaboration with the Institute of Medical research of the University of Belgrade (Laboratory for Medical Arachnoentomology, Institute for Medical Research University of Belgrade (Ministry of Science and Technological Development, Republic of Serbia)/ Participant Investigator
27. **2009-2012** eea grant/funded by the Financial Instrument of the European Economic Area (EEA FM) and the Public Investment Program (within the EEA FM 2004-2009) for the "INNOVATION CENTER OF CRETE WITH EMPHASIS ON MANAGEMENT OF NATURAL RESOURCES" Subproject: STANDARDISATION - QUALITY CONTROL OF CHEESE AND MILK GOODS OF Protected Designation of Origin) /Principal Investigator Budget: 75.000 €.
28. **2009 -2026** Scientific programme: water, food and environmental microbiology. A service program operated by the Research Committee and the Unit of Microbiological Food, Water and Environment Hygiene of the Department of Medicine, of the University of Crete.–Coordinator
29. **2014-2026** Provision of microbiological analysis services and consulting services for food quality control (Property Development and Management Company of the University of Crete) Service Provision project Coordinator
30. **2010** Research proposal entitled "National Biodiversity Research Network (NBRN - HelBioNet)», under the Tender on "Creating national research networks in areas related to Research Infrastructures of the European Roadmap for Research Infrastructures (ESFRI-EUROPEAN STRATEGY FORUM FOR RESEARCH INFRASTRUCTURES)» of the Infrastructure « Science and Technology Infrastructure for Biodiversity Data and Observatories / LIFE WATCH » Financing from the MINISTRY OF EDUCATION, LIFELONG LEARNING AND RELIGIOUS AFFAIRS, GENERAL SECRETARIAT FOR RESEARCH AND TECHNOLOGY (Participant Investigator)
31. **2007-2008** Establishment of a cross-border network for diagnosis and prevention of zoonoses under the Community Initiative Programme INTERREG III A / GREECE – CYPRUS / 3.1 health protection. (cooperation: the municipality of Anogeia, the Anogia Health Center and the Veterinary Services of Cyprus) Budget: 219.555 € /Coordinator
32. **2003-2005** Transfer of expertise in diagnosis and molecular epidemiology methodology of zoonoses and food-borne infections. " Funding by the Cyprus Research Promotion Foundation Budget: 58.877 € /Coordinator

33. **2003-2006** Ecogeographical study of ticks in Cyprus and their role as vectors in the transmission of three groups of pathogenic bacteria"- Funded by the Cyprus Research Promotion Foundation (RPF) -cooperation with the Veterinary Services and the Cyprus Game sector. Budget: 26.052,41 € /Coordinator
34. **2004** Study of the molecular pathogenesis and antibiotic resistance mechanisms of the agent of Q fever *Coxiella burnetii*, an intracellular bacterium - PENED (Research Capacity Strengthening Program) Measure 8.3. Budget: 112.500 € /Co-coordinator
35. **2003-2005** "Characterization of the phagosome of the intracellular pathogenic bacterium *Coxiella burnetii*".Heraclitus Research Funding Program under the National Strategic Reference Framework (NSRF)": Part of the broader Operational Program "Education and Lifelong Learning" within the NSRF /Co-coordinator
36. **2003 -2005** Study of the biological cycle of *Brucella* spp at the water food chain. Heraclitus Research Funding Program under the National Strategic Reference Framework (NSRF)": Part of the broader Operational Program "Education and Lifelong Learning" within the NSRF. /Principal Investigator
37. **2003- 2004** Funding by the Ministry of Health to Enhance the Clinical Laboratory of Bacteriology, Parasitology, Zoonoses and Geographical Medicine to enhance the Reference Laboratory of Legionellosis. Budget: 99.996,80 € /Principal Investigator
38. **2003-2004** Funding by the Ministry of Health for the support of the National Reference Centre for Parasitology, Zoonoses and Tropical Medicine to prepare antigens for performing diagnostic tests, of classical and molecular biology that are not usually performed by the laboratories of the rest of the Country. Budget: 30.000 € /Principal Investigator
39. **2001-2003** The role of rodents in the transmission of diseases Funding by the Cyprus Research Promotion Foundation under the 4th research projects grant programme of the Cyprus Foundation of research promotion for the program " Budget: 24.240,35 € /Principal Investigator
40. **1994-1996** European Research Project "Epidemiological investigation - surveillance of Rickettsioses in Cyprus", collaboration France and Cyprus (EU funding under the competitive program: International Scientific Cooperation Initiative- Participant Investigator
41. **1994** Study of spotted fever group rickettsiae. Application of current molecular biology techniques" EE CII-CT93-00 European Research Project "Epidemiological investigation - surveillance of Rickettsioses in Cyprus", in collaboration with France and Cyprus (EU funding under the competitive program International Scientific Cooperation Initiative (Participant Investigator)
42. **1989-1993** Epidemiological study, surveillance and prevention of brucellosis in an agricultural and livestock-raising area of Greece, with the help of computerized mapping (Participant Investigator)

Innovation: 3 patent applications

6. Teaching, Supervision, Mentoring (optional)

- Courses taught

- 1987-present: Teaching at undergraduate level (Courses: Basic and Medical Microbiology, Clinical Microbiology, Zoonoses, Tropical and Geographical Medicine, Principles of Infectious Diseases' Epidemiology)- School of Medicine/ Department of Biology/ Department of Chemistry, University of Crete
- 2009-present: Teaching at postgraduate level (Courses: Epidemiology of Infectious Diseases, Public Health, Environmental Health, Public Health Surveillance, Zoonoses, Food/ Water Microbiology and Food/ Water Safety, Principles of Epidemiology in Public Health Practice, Outbreak investigation)
- 2009-2017: Postgraduate Study program (MSc) «Public Health and Health Care Management», School of Medicine, University of Crete
- 2017-present: Postgraduate Study program (MSc) "Public Health - Primary Health Care - Health Services", School of Medicine, University of Crete

- 2013-2017: Member of the Steering Committee -MSc «Public Health and Health Care Management», School of Medicine, University of Crete
- 2017-2020: Member of the Steering Committee -MSc “Public Health - Primary Health Care - Health Services”, School of Medicine, University of Crete
- 2021-today: MSc in Biomedical Methods and Technology in Diagnosis, Department of Biomedical Sciences, University of West Attica

Supervision of MSc/PhD

- Supervision / Evaluation of Doctoral Dissertations: Supervision or/co-supervisor of 27 Ph.Ds.
- Supervision/Evaluation of > 40 MSc Theses
- Supervision of 18 graduate thesis projects
- Supervision of the practical training of >20 undergraduate students of greek universities as well students in the frame of the ERASMUS student exchange program
- Participation in educational programs in the context of activities of the WHO Collaborating Center for Research and Training in Mediterranean Zoonoses (MZCC/WHO)
- Participation in educational programs of the Microbiology Laboratory of University Hospital of Heraklion (PAGNH)

7. Awards, Distinctions, Fellowships

- 6 prizes/ awards for oral presentations or posters at National Congresses
- Honorary distinction: Tourism Awards 2021/Covid-safe Practices & Services) in the "Social Cohesion" category as a good practice and Awarded with the first prize "BRAVOSustainability Dialogue& Awards 2021", for the innovative educational-training program

8. MEMBERSHIPS & REVIEWING ACTIVITIES

Member of Scientific Societies and Networks

- European Society of Clinical Microbiology and Infectious Diseases- ESCMID
- ESCAR: ESCMID Study Group for Coxiella, Anaplasma, Rickettsia and Bartonella.
- ESCMID Study Group for Legionella Infections (ESGLI)
- VBorNet (Vector Borne Disease Network)-Network of medical entomologists and public health experts.

Peer-review activities

Editorial Board/Reviewer for scientific journals:

Editorial Board

-Honorary Editorial Board: Journal of Lyme and Related Vector-Borne Diseases

-Editorial Board member of the *World Journal of Meta-Analysis (WJMA)*

-Editorial Board «Antibiotics” <https://www.mdpi.com/journal/antibiotics/editors>

-Guest editor Lead Guest editor/Climate and Vector Borne Pathogens: Challenges of the Present and of the Future Canadian Journal of Infectious Diseases and Medical Microbiology/ <https://www.hindawi.com/journals/cjidmm/osi/>

-Editorial Board Member in the Section "Mechanism and Evolution of Antibiotic Resistance". Special Issue Guest Editor ""Distribution, Sources and Risks of Bacteria and Their Antimicrobial Resistance Genes in the Environment" (special issue of Antibiotics).

-Special Issue Guest Editor: "Epidemiology, Prevention and Control of Legionellosis: New Trends and Perspectives" (Special Issue in International Journal of Environmental Research and Public Health: Epidemiology, Prevention and Control of Legionellosis: New Trends and Perspectives (https://www.mdpi.com/journal/ijerph/special_issues/Legionellosis))

Reviewer (Reviewer for >45 journals)

(representative examples):

- *Clinical Infectious Diseases,*
- *Emerging Infectious Diseases,*
- *Clinical Microbiology and Infection,*
- *Critical Reviews in Microbiology,*
- *FEMS Microbiology Reviews,*
- *BMC Microbiology,*
- *BMC Infectious Diseases,*
- *Clinical and Developmental Immunology,*
- *Microorganisms,*
- *Trends in Parasitology*
- *PLoS ONE,*
- *Journal of Antimicrobial Chemotherapy,*
- *Annals of Clinical Microbiology and Antimicrobials,*
- *Antibiotics,*
- *Journal of Proteomics,*
- *PROTEOMICS,*
- *Proteomics -Clinical Applications*
- *Expert Review of Proteomics,*
- *Pathogens*
- *American Journal of Tropical Medicine & Hygiene*
- *Medical Mycology*
- *Molecular Biology Reports,*
- *Molecular and Cellular Biology,*
- *Zoonoses and Public Health,*
- *International Journal of Environmental Research and Public Health,*
- *Trends in Parasitology,*
- *Parasites & Vectors*
- *Water, etc*

Reviewer of Research Grants for Research Organisations

- Agence Nationale de la Recherche –ANR (France)
- Technology Foundation STW OTP research proposals (The Netherlands)
- Evaluation of research proposal on the Individual Research Grants, submitted to The Israel Science Foundation (ISF), Founded by the Israel Academy of Sciences and Humanities).

Other Scientific Contributions

- Member of the organization committee or participation in the organization of >10 scientific meetings/workshops
- Invited talks: >20 conferences
- Participation in > 65 Conferences /Workshops

Other actions as an expert:

- Member of the European group DISCONTTOOLS (Q Fever Expert Group)
- Participation as an expert (with almost 90 other experts), in a risk analysis and prioritisation of potential wildlife infections which can also affect domestic animals in Europe (<http://www.wildtechproject.com/wildtech/>).

9. Publications (Psaroulaki, A./ Psarulaki A)

Google scholar: 4/6/2026, Citations: 4407, h-index: 40, i10-index=105

Original scientific publications and review articles in Peer Review Journals

- 1) Papadakis, A., Koufakis, E., Raptakis, N., Pitsoulis, G., Kamekis, A., Chochlakis, D., **Psaroulaki, A.**, & Lagiou, A. (2026). Risk Communication and Infodemic Misframing in Legionella spp. Environmental Surveillance: An Infodemiology Case Study. *Microorganisms*, 14(3), 536.
- 2) Koutantou M, Konstantinidis T, Chochlakis D, Xingi E, **Psaroulaki A**, Tsiotis G, Kambas K, Angelakis E. IL-1beta expressing neutrophil extracellular traps in *Legionella pneumophila* infection. *Front Immunol*. 2025 Jun 6;16:1573151.
- 3) Papadakis, A., Koufakis, E., Nakoulas, V., Kourentis, L., Manouras, T., Kokkinomagoula, A., Ntoula, A., Malliarou, M., Gerakoudis, K., Tsilipounidaki, K., Chochlakis, D., & **Psaroulaki, A.** (2025). Beyond Microbiological Analysis: The Essential Role of Risk Assessment in Travel-Associated Legionnaires' Disease Outbreak Investigations. *Pathogens*, 14(10), 1059.
- 4) Koutsostathis E, **Psaroulaki A**, Chochlakis D, Malesios C, Demiris N, Kalogeropoulos K, Tsatsaris A. Association Between Legionnaires' Disease Incidence and Meteorological Data by Region and Time on the Island of Crete, Greece. *Water*. 2025; 17(15):2344.
- 5) Papadakis, A.; Koufakis, E.; Chaidoutis, E.A.; Chochlakis, D.; **Psaroulaki, A.** Comparative Risk Assessment of Legionella spp. Colonization in Water Distribution Systems Across Hotels, Passenger Ships, and Healthcare Facilities During the COVID-19 Era. *Water* 2025, 17, 2149.
- 6) Chochlakis D, Tzedakis G, Kokkinomagoula A, Tzamali E, Ntoula A, Malliarou M, Intze E, Koutsolioutsou A, Kotsifaki C, Kalisperi D, Dolapsakis E, Sifakaki K, Spanakis EG, Sakkalis V, **Psaroulaki A.** Challenges on the implementation of wastewater-based epidemiology as a prediction tool: the paradigm of SARS-CoV-2. *Sci Total Environ*. 2025 Jun 15;981:179593.
- 7) Krishnamurthy HK, Jayaraman V, Krishna K, Wang T, Bei K, Chandalath C, Matilda S, Rai AJ, Welc-Falęciak R, Pawełczyk A, Blanton LS, Chrdle A, Fořtová A, Růžek D, Nasrallah GK, Abu-Raddadi LJ, Al-Sadeq DW, Abdallah MAA, Lilleri D, Fornara C, D'Angelo P, Furione M, Söderlund-Venermo M, Hedman K, Chochlakis D, Makridaki E, Ntoula A, **Psaroulaki A**, Escárcega-Ávila A, Rajasekaran JJ. A customizable multiplex protein microarray for antibody testing and its application for tick-borne and other infectious diseases. *Sci Rep*. 2025 Jan 20;15(1):2527.
- 8) Papadakis A, Chochlakis D, Koufakis E, Carayanni V, **Psaroulaki A.** Recreational Water Safety in Hotels: Lessons from the COVID-19 Pandemic and the Way Forward for a Safe Aquatic Environment. *Tourism and Hospitality*. 2024; 5(4):1167-1181.

- 9) Akar K, Brangsch H, Jamil T, Yıldız Öz G, Baklan EA, Eroğlu B, Atıl E, Erdenlig Gürbilek S, Keskin O, Tel OY, Yüçetepe AG, Sandalakis V, Boukouvala E, **Psaroulaki A**, Abd El Tawab AA, Melzer F, Pletz MW, Neubauer H, Wareth G. Genomic analysis of Brucella isolates from animals and humans, Türkiye, 2010 to 2020. *Euro Surveill.* 2024 Sep;29(38):2400105.
- 10) Chochlakis D, Sandalakis V, Ntoukakis A, Daskalaki MO, Loppinet T, Thalassinaki N, Makridaki R, Panoulis C, **Psaroulaki A**. Multi-criterion analysis of the effect of physico-chemical microbiological agents on *Legionella* detection in hotel water distribution systems in Crete. *Front Cell Infect Microbiol.* 2023
- 11) Brangsch H, Sandalakis V, Babetsa M, Boukouvala E, Ntoula A, Makridaki E, Christidou A, **Psaroulaki A**, Akar K, Gürbilek SE, Jamil T, Melzer F, Neubauer H, Wareth G. Genotype diversity of brucellosis agents isolated from humans and animals in Greece based on whole-genome sequencing. *BMC Infect Dis.* 2023 Aug 14;23(1):529.
- 12) Dimosthenis Chochlakis, Vassilios Sandalakis, Apostolos Ntoukakis, Maria-Olga Daskalaki, Thomas Loppinet, Niki Thalassinaki, Rena Makridaki, Christos Panoulis and **ANNA PSAROULAKI** "Multi-criterion analysis of the effect of physico-chemical and microbiological agents on Legionella detection in hotel water distribution systems in Crete", *Front. Cell. Infect. Microbiol. Sec. Molecular Bacterial Pathogenesis* , Volume 13 - 2023 |
- 13) Wareth Gamal, Jamil Tariq, Akar Kadir, Erdenlig Sevil, Sandalakis Vassilios, Babetsa Maria, Boukouvala Evridiki, **Psaroulaki Anna**, Murugaiyan Jayaseelan, Neubauer Heinrich A comprehensive proteogenomic analysis of Brucella to understand the epidemiology, biology, virulence mechanisms, and host-pathogen interaction International Coordination of Research on Infectious Animal Diseases (ICRAD)_First Call- 2023 Editorial and Abstracts
- 14) Jamil, T., Akar, K., Erdenlig, S., Murugaiyan, J., Sandalakis, V., Boukouvala, E., **Psaroulaki, A.**, Melzer, F., Neubauer, H., Wareth, G. Spatio-Temporal Distribution of Brucellosis in European Terrestrial and Marine Wildlife Species and Its Regional Implications. (2022) *Microorganisms*, Oct 5;10(10):1970.
- 15) Georgalis, L., **Psaroulaki, A.**, Aznar, A., Fernández, P.S., Garre, A. Different model hypotheses are needed to account for qualitative variability in the response of two strains of Salmonella spp. under dynamic conditions. (2022) ***Food Research International***, Aug;158:111477.
- 16) Sarra, E., Mylonas, C.C., Tsekas, G., Chochlakis, D., **Psaroulaki, A.**, Chini, M. Giant cell arteritis associated with acute Q fever - A case report. (2022) *Journal of Infection and Chemotherapy*, 28 (8), pp. 1177-1179
- 17) Mellou, K., Mplougoura, A., Mandilara, G., Papadakis, A., Chochlakis, D., **Psaroulaki, A.**, Mavridou, A. Swimming Pool Regulations in the COVID-19 Era: Assessing Acceptability and Compliance in Greek Hotels in Two Consecutive Summer Touristic Periods (2022) *Water (Switzerland)*, 14 (5), art. no. 796
- 18) Eirini Mathioudaki, Yiannis Alifragis , Maria Fouskaki , Dimosthenis Chochlakis , Hao Xie , **Anna Psaroulaki** , Georgios Tsiotis , Nikolaos Chaniotakis Electrochemical antigenic sensor for the diagnosis of chronic Q fever (2022) *Current Research in Biotechnology*, vol. 4, Pages 537-543
- 19) Papadakis, A., Keramarou, M., Chochlakis, D., Sandalakis, V., Mouchtouri, V.A., **Psaroulaki, A.** Legionella spp. Colonization in water systems of hotels linked with travel-associated legionnaires' disease (2021) *Water (Switzerland)*, 13 (16), art. no. 2243
- 20) Papagianeli SD, Aspidou Z, Didos S, Chochlakis D, **Psaroulaki A**, Koutsoumanis K. Dynamic modelling of Legionella pneumophila thermal inactivation in water. (2021) *Water Research*, 15;190:116743.
- 21) Mathioudaki E, Arvaniti K, Muenke C, Drakonaki A, Vranakis I, Koutantou M, **Psaroulaki A**, Xie H, Tsiotis G. Expression, purification and characterization of the IcmG and IcmK proteins of the type IVB secretion system from Coxiella burnetii. (2021) *Protein Expression and Purification*, 186, art. no. 105905.
- 22) Chochlakis D, Cutler S, Giadinis ND, **Psaroulaki A.** *Bartonella vinsonii* subsp. *arupensis* infection in animals of veterinary importance, ticks and biopsy samples. (2020), *New Microbes and New Infections.* 16;34:100652.
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Chapters/books

-Book chapters : 6

-co-editing 3 Microbiology textbooks

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-co-editing the 2026 academic book *Health Geography: Innovative Geospatial Epidemiology*.

6 Εργασίες δημοσιευμένες σε ελληνικά ιατρικά περιοδικά

Abstracts >160 abstracts of original research in international and national meetings (oral presentations or posters)-6 prizes in National Congresses