

Mermiri Maria

Personal Information

Date of Birth: 12 November 1996
Place of Birth: Lamia, Greece
Nationality: Greek
Gender: Female
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Education

Sept, 2014 – July 2020 **MD, Medical School of Larissa, University of Thessaly, Greece**
Diploma Grade: 8.32

Clinical Experience

November 19, 2020 – **Present** Anesthesiology Residency, Department of Anesthesiology, **General University Hospital of Larissa, Greece**

April – September 2024

Intensive Care Medicine rotation, Department of
Intensive Care Medicine, **General University
Hospital of Larissa, Greece**

Laboratory Skills

- PCR, Chromatography, DNA and Protein Electrophoresis, UV Spectrophotometry, DNA Extraction and Bacterial Transformation Using Plasmids, Optical Microscopy

Conferences and Courses

May 12 – May 14, 2016

“23th SCHMS & 13th International Forum”,
Larissa, Greece

October 6 – October 8

“Panhellenic Conference of Resuscitation of
Emergency Management”, Athens, Greece

September 30 – October 2

“Panhellenic Anesthesiology Conference”, Porto
Heli, Greece

May 25 – May 28 2024

Euroanaesthesia 2024

Licenses and Certifications

November – December 2023	“13 th Regional Anaesthesia Seminar”, ESRA Hellas
October 2023	“Advanced Airway Management”, Hellenic Society of Anaesthesiology
June 2022	“Advanced Trauma Life Support”, American College of Surgeons
May 28 – May 29, 2022	“European Pediatric Advanced Life Support”, ERC
May 13 – May 14, 2022	“Peripheral Nerve Blocks Seminar”, ESRA Hellas
April 9, 2022	“Generic Instructor Course”, ERC
November 6, 2021	“Advanced Life Support”, ERC

Teaching experience

January 2023 – Now	Instructor, Basic Life Support and Automated External Defibrillator, certified by the European Resuscitation Council, trained more than 40 individuals
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May 2023 – Now	Instructor, Immediate Life Support, certified by the European Resuscitation Council, trained more than 30 individuals
November 2022 – Now	Instructor, Advanced Life Support, certified by the European Resuscitation Council, trained more than 100 individuals.
Novemeber 2021 – Now	Instructor, Basic Airway Management Workshops, Department of Emergency Medicine, University of Thessaly, trained more than 50 individuals
November 2021 – Now	Instructor, Basic Life Support workshops, Department of Emergency Medicine, University of Thessaly, trained more than 50 individuals
October – November 2023	“Basic Life Support and Automated External Defibrillator”, Anaesthesiology Core Rotation, Medical School, University of Thessaly
February – September 2023	Instructor, “Emergency Medicine and Resuscitation” program, Continuing Education and Lifelong Learning Centre, University of Thessaly

May 2021 – May 2022 “Basic Life Support and Automated External Defibrillator”,
Msc “Primary Care”

Oct, 2021 – Jan, 2022 Instructor, “Emergency Nursing”, Faculty of
Nursing, School of Health Sciences, University of Thessaly,
Greece

Invited Talks

June 17, 2023 “Training in Emergency Medicine and
Resuscitation with Virtual Reality”, 1st
Panhellenic Congress of the Greek Society
of Emergency Medicine

October 2021 “Critical Emergency Medicine: the solution
for increasing survival in the Emergency
Department?”, Panhellenic Conference of
Resuscitation of Emergency Management

November 2021 “Laparoscopic nephrectomy in a patient with
Charcot – Marie – Tooth syndrome”,

Resident Podium: Presentation of
Interesting Cases

October 2020

Pulmonology Days, Larissa, Greece
“Newer advances in Basic Life Support”

Oral Presentations

May 2023

“Perioperative management of a patient
who underwent retroperitoneal tumor
resection and aortic and inferior vena cava
replacement”, 25th Panhellenic
Anaesthesiology Congress

May 2023

“Knowledge and beliefs of fourth-year
medicine students about organ donation”
25th Panhellenic Anaesthesiology Congress

October 2022

“Postoperative pulmonary embolism and
epidural hematoma in a patient who
underwent surgery for middle cerebral
artery repair”, 10th Panhellenic Congress of
Thrombosis and Antithrombotic Treatment

June 2022	“Remdesivir-induced bradycardia is not associated with poor outcome in patients with COVID-19: A retrospective cohort study”, 5 th Panhellenic Emergency Medicine Conference
June 2022	“Umbilical hernial plastic repair under subarachnoid anesthesia in a patient with Kartagener’s syndrome: a case report”, Euroanaesthesia 2022
June 2022	“Preoperative anxiety in patients undergoing elective surgery during the fourth COVID-19 wave: a tertiary COVID-19 referral hospital experience”, Euroanaesthesia 2022
June 2022	“Postoperative delirium in adult patients undergoing noncardiac surgery: data from a tertiary hospital”, Euroanaesthesia 2022
May 2022	“The use of transdermal buprenorphine patch in patients with cancer: the experience of the Chronic Pain Clinic of the University Hospital of Larissa”, 13 th Panhellenic Algology Conference

May 2022	“The use of peripheral nerve blocks in the Chronic Pain Clinic of the University Hospital of Larissa, during the pandemic”, 13 th Panhellenic Algology Conference
May 2022	“The use of transdermal buprenorphine patch in a patient with Addison’s disease and chronic pain”, 13 th Panhellenic Algology Conference
May 2022	“The results of implementing acupuncture in patients with chronic neck pain in the Chronic Pain Clinic of the University Hospital of Larissa”, 13 th Panhellenic Algology Conference
May 2022	“Red Ear Syndrome after repeated inner ear infections: case report”, 13 th Panhellenic Algology Conference
May 2022	“A combination of proinflammatory biomarkers in patients with severe COVID-19 disease: the use of novel biomarkers for risk assessment in patients with need for

high flow nasal oxygen therapy”, 16th
Congress of Anaesthesiology and Intensive
Care Medicine, Anesthesiology and
Intensive Care Society of North Greece

May 2022

“The impressions of fourth-year
undergraduate medicine students about the
educational environment during the COVID-
19 pandemic”, 16th Congress of
Anaesthesiology and Intensive Care
Medicine, Anesthesiology and Intensive
Care Society of North Greece

May 2022

“Perioperative anxiety in patients
undergoing elective surgery during the
fourth wave of the COVID-19 pandemic: the
experience of a tertiary reference centre”,
16th Congress of Anaesthesiology and
Intensive Care Medicine, Anesthesiology
and Intensive Care Society of North Greece

October 2021

“In-hospital cardiac arrest in intensive care
unit versus non-intensive care unit patients
with COVID-19. A systematic review and

meta-analysis”, Panhellenic Conference of
Resuscitation and Emergency Management

October 2021

“Post-intubation hypotension after induction
to general anesthesia: a retrospective
analysis of prospectively collected data”,
Panhellenic Conference of Resuscitation
and Emergency Management

May 2016

23th SCHMS & 13th International Forum, Larissa,
Greece, “*The role of autophagy in neurological
diseases and aging*”

May 2016

23th SCHMS & 13th International Forum, Larissa,
Greece, “*Genetics of hereditary
amyotrophic lateral sclerosis*”

Posters

May 2024

“Undergraduate 4th year Greek medical students’
perspectives regarding education for sustainable healthcare”,
Euroanaesthesia 2024 (Presenter)

- May 2024 „The evaluation of burnout levels of healthcare personnel providing palliative care services in a Greek hospital treating patients suffering from cancer“, Euroanaesthesia 2024 (Presenter)
- September 2023 “Perioperative Management of Antithrombotics in Elective Intracranial Procedures; Systematic Review and Critical Appraisal”, 11th Panhellenic Congress of Thrombosis and Antithrombotic Treatment
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- June 2023 “Undergraduate 4th year Greek medical students’ attitude and knowledge about blood donation, Euranesthesia 2023, Glasgow
- June 2023 “Undergraduate 4th year Greek medical students’ attitude and knowledge about organ donation, Euranesthesia 2023, Glasgow
- June 2023 “Effect of PM2.5 Levels on ED visits for Respiratory Causes in a Greek Semi-Urban Area: an observation study”, 1st Panhellenic Congress of the Greek Society of Emergence Medicine

“Peripherally Inserted Central Catheter lines for Intensive Care Unit and onco-hematologic patients: A systematic review and meta-analysis]”. Heart Lung. 2020;S0147-9563(20)30309-5. Mavrovounis G, **Mermiri M**, Chatzis DG, Pantazopoulos I

“Drones in Automated External Defibrillator Delivery: Where Do We Stand?” The Journal of Emergency Medicine, In Press, Available Online 10 September 2020, **Maria I Mermiri**, Georgios A. Mavrovounis, Ioannis N. Pantazopoulos

“Critical emergency medicine and the resuscitative care unit.” **M. Mermiri**, G. Mavrovounis, D. Chatzis, I. Mpoutsikos, A. Tsaroucha, M. Dova, Z. Angelopoulou, D. Ragias, A. Chalkias, I. Pantazopoulos. Acute Crit. Care, 2021 Feb;36(1):22-28

“Pulmonary Function Testing in COPD: Looking Beyond the Curtain of FEV1”, S. Kakavas, OS. Kotsiou, F. Perlikos, **M. Mermiri**, G. Mavrovounis, KI. Gourgoulialis, I. Pantazopoulos, npj Primary Care Respiratory Medicine, 2021 May 7;31(1):23

“Video Laryngoscopy Improves Intubation Times With Level C Personal Protective Equipment in Novice Physicians: A Randomized Cross-Over Manikin Study.” Pantazopoulos, I., Kolonia, K., Laou, E., **Mermiri, M.**, Tsolaki, V., Koutsovasilis, A., ... & Chalkias, A. (2021). *The Journal of Emergency Medicine*.

“A “chain” in the right main bronchus?”, Asst. Prof. Ioannis Pantazopoulos, **Maria Mermiri**, Prof. Konstantinos Gourgoulisanis, Visual Journal of Emergency Medicine, Volume 22, 2021, 100957

“Sublingual Microcirculatory Alterations During the Immediate and Early Postoperative Period: A Systematic Review and Meta-analysis”. Chalkias, Athanasios et al. 1 Jan. 2022 : 253 – 265.

“Comparison of advanced closed-loop ventilation modes with pressure support ventilation for weaning from mechanical ventilation in adults: A systematic review and meta-analysis” Kampolis, C. F., **Mermiri, M.**, Mavrovounis, G., Koutsoukou, A., Loukeri, A. A., & Pantazopoulos, I. (2022)..” *Journal of Critical Care*, 68, 1-9.

“Intentional ingestion of batteries and razor blades by a prisoner: a true emergency?” *International journal of prisoner health*.Pantazopoulos, I., Mavrovounis, G., **Mermiri, M.**, Adamou, A., & Gourgoulisanis, K. (2021).

“Microcirculation-guided treatment improves tissue perfusion and hemodynamic coherence in surgical patients with septic shock.” Chalkias, A., Laou, E., **Mermiri, M.**, Michou, A., Ntalarizou, N., Koutsona, S., ... & Papagiannakis, N. (2022). *European Journal of Trauma and Emergency Surgery*, 1-13.

“Proportional assist ventilation versus pressure support ventilation for weaning from mechanical ventilation in adults: weaning success and mortality.” Pantazopoulos, I., Mavrovounis, G., **Mermiri, M.**, & Kampolis, C. (2021). *Critical Care*, 25(1), 1-3.

“Effect of PM2. 5 levels on respiratory pediatric ED visits in a semi-urban Greek Peninsula.” Kanellopoulos, N., Pantazopoulos, I., **Mermiri, M.**, Mavrovounis, G., Kalantzis, G., Saharidis, G., & Gourgoulisanis, K. (2021). *International journal of environmental research and public health*, 18(12), 6384.

“Circulating suPAR associates with severity and in-hospital progression of COVID-19.” Chalkias, A., Skoulakis, A., Papagiannakis, N., Laou, E., Tourlakopoulos, K., Pagonis, A., ... & Eugen-Olsen, J. (2022). *European Journal of Clinical Investigation*, e13794.

“Watch Out for Burnout in COVID-19: A Greek Health Care Personnel Study.” INQUIRY Mavrovounis, G., Mavrovouni, D., **Mermiri, M.**, Papadaki, P., Chalkias, A., Zarogiannis, S., ... & Pantazopoulos, I. (2022).: *The Journal of Health Care Organization, Provision, and Financing*, 59, 00469580221097829.

“Therapeutic Vitamin D Supplementation Following COVID-19 Diagnosis: Where Do We Stand?—A Systematic Review.” Bania, A., Pitsikakis, K., Mavrovounis, G., **Mermiri, M.**, Beltsios, E. T., Adamou, A., ... & Pantazopoulos, I. (2022). *Journal of personalized medicine*, 12(3), 419.

“Comparison of advanced closed-loop ventilation modes with pressure support ventilation for weaning from mechanical ventilation in adults: A systematic review and meta-analysis.” Kampolis, C. F., **Mermiri, M.**, Mavrovounis, G., Koutsoukou, A., Loukeri, A. A., & Pantazopoulos, I. (2022). *Journal of critical care*, 68, 1–9.

“Contemporary Biomarkers in Pulmonary Embolism Diagnosis: Moving beyond D-Dimers.” Gkana, A., Papadopoulou, A., **Mermiri, M.**, Beltsios, E., Chatzis, D., Malli, F., Adamou, A., Gourgoulisanis, K., Mavrovounis, G., & Pantazopoulos, I. (2022). *Journal of personalized medicine*, 12(10), 1604.

<https://doi.org/10.3390/jpm12101604>

“Remdesivir-induced Bradycardia is not Associated with Worse Outcome in Patients with COVID-19: A Retrospective Analysis.” Pantazopoulos, I., Mavrovounis, G., Dimeas, G., Zikos, N., Pitsikou, M., Rousogianni, E., **Mermiri, M.**, Michou, A., Spanos, M., Maniotis, C., Chalkias, A., Laou, E., Zakynthinos, G., Chatzis, D., & Gourgoulisanis, K. (2022). *American journal of cardiovascular drugs : drugs, devices, and other interventions*, 22(6), 705–710. <https://doi.org/10.1007/s40256-022-00547-4>

“Effect of PM2.5 Levels on ED Visits for Respiratory Causes in a Greek Semi-Urban Area.” **Mermiri, M.**, Mavrovounis, G., Kanellopoulos, N., Papageorgiou, K., Spanos, M., Kalantzis, G., Saharidis, G., Gourgoulisanis, K., & Pantazopoulos, I. (2022). *Journal of personalized medicine*, 12(11), 1849.

<https://doi.org/10.3390/jpm12111849>

“Microcirculation-guided treatment improves tissue perfusion and hemodynamic coherence in surgical patients with septic shock.” Chalkias, A., Laou, E., **Mermiri, M.**, Michou, A., Ntalarizou, N., Koutsona, S., Chasiotis, G., Garoufalidis, G., Agorogiannis, V., Kyriakaki, A., & Papagiannakis, N. (2022). *European journal of*

trauma and emergency surgery : official publication of the European Trauma Society, 48(6), 4699–4711. <https://doi.org/10.1007/s00068-022-01991-2>

“Sublingual microcirculatory shock and loss of haemodynamic coherence during subarachnoid anaesthesia.” Laou, E., Tsitsanoudi, E., Alexandrou, C., Goupou, D., Papanastasiou, E., **Mermiri, M.**, & Chalkias, A. (2023). *Anaesthesiology intensive therapy*, 55(2), 126–130. <https://doi.org/10.5114/ait.2023.128707>

“Predictors of 30-Day Postoperative Outcome after Elective Endovascular Abdominal Aortic Aneurysm Repair: A Tertiary Referral Center Experience.” Ntalouka, M. P., Nana, P., Brotis, A., Chatzis, A., **Mermiri, M.**, Stamoulis, K., Bareka, M., Giannoukas, A., Matsagkas, M., & Arnaoutoglou, E. (2023). *Journal of clinical medicine*, 12(18), 6004. <https://doi.org/10.3390/jcm12186004>

“From flatline to lifeline: A scoping review of the Lazarus phenomenon.” Mavrovounis, G., Kontou, M., Tsiotsikas, O., **Mermiri, M.**, Tsolaki, V., Beltsios, E., Gourgoulisanis, K., Chalkias, A., & Pantazopoulos, I. (2023). *The American journal of emergency medicine*, 72, 44–57. <https://doi.org/10.1016/j.ajem.2023.07.017>

Citations (as of 28/05/2024): 235

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Language Qualifications

- English: Michigan University Examination for the Certificate of Proficiency in English (C2 level of the European Framework of References)
- Greek: Native

Information Technology Skills

- Microsoft Office Package
- IBM SPSS Statistics

Interests and Activities

- Classical music, Literature, Ancient History, Science

References

- Available Upon Request