

Mavrovounis Georgios

Personal Information

Date of Birth: 05 February 1994
Place of Birth: Paphos, Cyprus
Nationality: Cypriot
Gender: Male
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Education

Sept, 2014 – Feb, 2021 **MD, Faculty of Medicine, School of Health Sciences, University of Thessaly, Greece (Grade: 7.7/10)**

Clinical Experience

Oct – Nov, 2018 Clinical Attachment, Department of Neurosurgery, **Salford Royal Foundation Trust, Manchester, UK**

Research Experience

Sep, 2019 – May, 2020 Research Intern, Department of Pharmacology, **Medical School of Larissa, University of Thessaly, Greece**

Project: Member of a group investigating the involvement of Undergraduate Medical Students in Research.

Oct, 2018 – Nov, 2018 Clinical Research Intern, Department of Neurosurgery, **Salford Royal Foundation Trust, Manchester, UK**

Project: I was the Principal Investigator in a retrospective cohort study investigating the clinical and molecular characteristics of multifocal glioblastomas.

Aug, 2018 – Sep, 2018 Research Assistant Intern, Centre for Discovery Brain Sciences, **The University of Edinburgh, UK**

Project: The use of cerebral organoids to study human brain development.

Nov, 2016 – Jul, 2017 Audit Intern, Department of Rheumatology, **General University Hospital of Larissa, Greece**

Project: The creation of an electronic database for the documentation of myopathy and myositis cases treated at General University Hospital of Larissa.

Publications

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- N. Kanellopoulos, I. Pantazopoulos, M. Mermiri, **G. Mavrovounis**, G. Kalantzis, G. Saharidis, K. Gourgoulianis: Effect of PM2.5 Levels on Respiratory Pediatric ED Visits in a Semi-Urban Greek Peninsula, **Int. J. Environ. Res. Public Health**, 2021, 18(12), 6384 – 12 Jun 2021
 - I. Pantazopoulos, **G. Mavrovounis**, M. Mermiri, C. Kampolis: Proportional assist ventilation versus pressure support ventilation for weaning from mechanical ventilation in adults: weaning success and mortality, **Crit Care**, 2021 Jun 10;25(1):200

- A. Aggelina, I. Pantazopoulos, G. Giokas, A. Chalkias, **G. Mavrovounis**, A. Papalois, A. Douvanas, T. Xanthos, N. Iacovidou: Continuous chest compressions with asynchronous ventilation improve survival in a neonatal swine model of asphyxial cardiac arrest, **Am J Emerg Med.**, 2021 Apr 5;48:60-66
- S. Kakavas, OS. Kotsiou, F. Perlikos, M. Mermiri, **G. Mavrovounis**, KI. Gourgoulisanis, I. Pantazopoulos: Pulmonary Function Testing in COPD: Looking Beyond the Curtain of FEV1, **npj Primary Care Respiratory Medicine**, 2021 May 7;31(1):23
- **G. Mavrovounis**, TR. Meling, J. Lafuente, KN. Fountas, AN. Demetriades: Postural ergonomics and work-related musculoskeletal disorders in neurosurgery: lessons from an international survey. **Acta Neurochir (Wien)**, Online ahead of print
- M. Mermiri, **G. Mavrovounis**, D. Chatzis, I. Mpoutsikos, A. Tsaroucha, M. Dova, Z. Angelopoulou, D. Ragias, A. Chalkias, I. Pantazopoulos: Critical emergency medicine and the resuscitative care unit. **Acute Crit. Care**, 2021 Feb;36(1):22-28
- A. Diamantis, AA. Samara, D. Symeonidis, I. Baloyiannis, D. Vasdeki, M. Tolia, G. Volakakis, **G. Mavrovounis**, K. Tepetes: Gastrointestinal stromal tumors (GISTs) and synchronous intra-abdominal malignancies: case series of a single institution's experience. **Oncotarget**, 2020 Dec 29;11(52):4813-4821
- **G. Mavrovounis**, A. Diamantis, K. Perivoliotis, D. Symeonidis, G. Volakakis, K. Tepetes: Laparoscopic versus Robotic Peripheral Pancreatectomy: A systematic review and meta-analysis. **Journal of B.U.O.N: Official journal of the Balkan Union of Oncology**, Sep-Oct 2020;25(5):2456-2475
- ET Beltsios, **G. Mavrovounis**, A. Adamou, N. Panagiotopoulos: Talc pleurodesis in malignant pleural effusion: a systematic review and meta-analysis. **General Thoracic and Cardiovascular Surgery**, 2021 May;69(5):832-842
- MI Mermiri, **GA Mavrovounis**, IN Pantazopoulos: Drones for Automated External Defibrillator Delivery: Where Do We Stand? **The Journal of Emergency Medicine**, 2020 Nov;59(5):660-667
- V. Raffay, Z. Fišer, E. Samara, K. Magounaki, D. Chatzis, **G. Mavrovounis**, M. Mermiri, F. Žunić, I. Pantazopoulos: Challenge in procedural sedation and analgesia in the emergency department. **Journal of Emergency and Critical Care Medicine**, 2020;8:27 (30 July 2020)
- **G. Mavrovounis**, M. Mermiri, D.G. Chatzis, I. Pantazopoulos: Peripherally Inserted Central Catheter lines for Intensive Care Unit and onco-hematologic patients: A systematic review and meta-analysis. **Heart Lung**, 2020 Jul 22; S0147-9563(20)30309-5
- A. Samara, A. Diamantis, A. Anagnostou, D. Symeonidis, A.M. Diamantis, **G. Mavrovounis**, K. Tepetes: Asymptomatic presacral paraganglioma: Management of an unpredictable intraoperative finding. **Surg J (N Y)**, 2020 Apr; 6(2): e131-e134

Laboratory Skills

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

Scholarships and Awards

- Best poster presentation, 34th Annual Congress of the Hellenic Neurosurgical Society and Joint Meeting with the Cyprus Neurosurgical Society, 03-05 June 2021, Athens, Greece
- Full Scholarship from the Cyprus Ministry of Education and Culture, 2014 - 2020

Licenses and Certifications

- ECFMG Certification: **Step 1 USMLE – 230**

Professional Societies

2019 – 2020	Undergraduate Student Member, Society for Neuroscience
2019 – Present	Undergraduate Affiliate Member, The Royal College of Surgeons of England
2018 – Present	Medical Student Member, The European Association of Neurological Societies
2018 – Present	International Student Affiliate, The Royal College of Surgeons of Edinburgh

Conferences and Courses

Jul 01 – Jul 02, 2021	2 nd Laboratory Animal Science (LAS) Core Modules Course (Webinar), Athens, Greece
Jun 03 – Jun 05, 2021	34 th Annual Congress of the Hellenic Neurosurgical Society & Joint Meeting with the Cyprus Neurosurgical Society, Athens, Greece
Apr 08 – Apr 10, 2019	“10 th Essential Skills in the Management of Surgical Cases: The Marathon Course”, Athens, Greece
Mar 30 – Mar 31, 2019	“Empathy and Soft Skills in Clinical Settings” Workshop, Thessaloniki, Greece
Mar 14 – Mar 17, 2019	“10 th AIMS Meeting”, Lisbon, Portugal
Sep 28, 2018	“Future Surgeons Key Skills Course”, The Royal College of Surgeons of Edinburgh, UK

Oral Presentations

Jun 03 – Jun 05, 2021	34 th Annual Congress of the Hellenic Neurosurgical Society and Joint Meeting with the Cyprus Neurosurgical Society, Athens, Greece <i>Title: What is the incidence of post-traumatic hydrocephalus in traumatic brain injury patients that underwent DC versus those that were managed conservatively: lessons from a meta-analysis.</i>
Mar 19 – Mar 22, 2019	11 th EANN Quadrennial Congress and SBNS Meeting 2019, Manchester, UK <i>Title: Review and Clinical Outcomes from a large single-centre series of multifocal and multicentric glioblastomas.</i>

Poster Presentations

Jun 03 – Jun 05, 2021 34th Annual Congress of the Hellenic Neurosurgical Society and Joint Meeting with the Cyprus Neurosurgical Society, Athens, Greece

Title: *Postural ergonomics and work-related musculoskeletal disorders in neurosurgery: lessons from an international survey*

May 10 – May 12, 2019 25th SCHMS & 13th International Forum, Thessaloniki, Greece

Title: *Characterisation of human cerebral organoids.*

Language Qualifications

- English: International General Certificate of Secondary Education (IGCSE), University of Cambridge
- Greek: Native

Information Technology Skills

- Microsoft Office Package
- IBM SPSS Statistics
- GraphPad Prism
- RevMan 5

Interests and Activities

- Astronomy, American Pool, Chess, Basketball

References

- Available Upon Request