

# MAROULIS IOANNIS

Professor of General Surgery, Medical Department, University of Patras, Greece  
Director of the University Surgery Clinic, Patra, Greece



## CONTACT DETAILS

**ADDRESS:** N. Kalapodi 34, 26504, Rio, Patra, Greece

**TEL.NUMBER:** +302610436677, +306945707500

**Email:** ioan.maroulis@gmail.com

**ResearchGate Profile:** Ioannis-Maroulis

## EDUCATION

**1996: PHD, MEDICINE DEPARTMENT, UNIVERSITY OF PATRAS, GREECE**

Title: Immune Response to Major Surgical Trauma After Cyclooxygenase Inhibitor Administration

Grade: Excellent

**1990-1996: Specialty of General Surgery, Surgery Clinic of The University of Patras, Greece**

**1988: BSc of Medicine, Aristotle University of Thessaloniki, Greece**

Grade: Very Good

## PROFESSIONAL EXPERIENCE

**Jun 1990 – Jun 1993: Specialist in Surgery**

General Hospital of Patras and Surgical Clinic of The P.G.H. Patras (P.G.H.P.)

**Sep 1993 – Sept 1994: Rural doctor**

Compulsory service in the field, P.I. Lower Mazaraki and Health Centre of Lower Achaia.

**Sept 1994 - Sept 1996: Specialist In Surgery**

Completion of the specialty in General Surgery at the Surgical Clinic of P.G.H.P.

**Nov 1996 - July 1997: Associate at the Surgical Clinic of P.G.N.P.**

**Aug 1997 - Aug 1998: Postgraduate training in vascular surgery**

Vascular Fellow: Royal Liverpool University Hospital (U.K.) and Leonardo Da Vinci program.

**Dec 1999 - Dec 2010: Chairman of the Department of Surgery of the University of Patras**

**Oct 2006 - Oct 2007: KESY Teaching License,**

King's College Hospital - Honorary Hospital Practitioner (London, U.K.).

**Jul 2007 - 2019: 1st Curator NHS**

Surgery Clinic of the University of Patras (P.G.H.P.).

**Jun 2010 -2018: Assistant Professor of General Surgery and of Transplantation**

Medical School, University of Patras

**2018 - present: Professor of Surgery Clinic**

Department of Medicine University of Patras

**Jan 2019 – Dec 2020: President of the Physiotherapy Department, University of Patras**

**2019 – Present: Director of University Surgery Clinic University Of Patras (P.G.H.P.).**

## POST-TRAINING – EDUCATIONAL TRIPS

### **Aug 1997 – August 1998: Vascular Fellow**

Vascular Surgery Clinic, Royal Liverpool University Hospital (UK)

### **Jan 2002: Monitoring and practicing thoracoscopic and laparoscopic surgeries and techniques.**

Surgery Clinic of Hospital Cantonal de Fribourg, Switzerland

### **Oct 2006 -Oct 2007: Liver-Biliary-Pancreatic Surgery and Liver Transplants, Endocrine Gland Surgery**

King's College Hospital (London, UK) Honorary Hospital Practitioner. Liver Unit

## POST-EDUCATION COURSES – SEMINARS

**1994: Advanced Trauma Life Support (ATLS).**

**1994: Post-Training Courses Hellenic Vascular Surgery Society (1993-1994)**

**1997: Advanced Course: «Transanal Endoscopic Microsurgery», Master Unit, Royal Liverpool University Hospital.**

**1998: Advanced Course «Laparoscopic Cholecystectomy», Master Unit, Royal Liverpool University Hospital.**

**1998: Advanced Course «Laparoscopic Fundoplication», Master Unit, Royal Liverpool University Hospital.**

**1998: Student Refresher Course: Advanced Trauma Life Support (ATLS).**

**1998: Instructor Course: Advanced Trauma Life Support (ATLS).**

**1999: Pre-Hospital Trauma Life Support Course (PHTLS).**

**1999: Instructor Course: Pre-Hospital Trauma Life Support Course (PHTLS).**

**2000: Certificate Of Computer Use for A Total 50 Hours, "Health-Welfare-Human Resources"**

**2002: Advanced Course in Laparoscopic Nissen Fundoplication, Swiss Endos Fribourg Cantonal Hospital**

**2003: «Definitive Surgical Trauma Care Course», International Association for The Surgery of Trauma and Surgical Intensive Care (IATSIC).**

**2007: Advance Course Laparoscopic Techniques in Hepatectomy Surgery, Hepatic Master Class, Elancourt, Paris France.**

**2010: Selected Surgical Techniques In Breast Cancer, Surgical Clinic Of The Medical School P.G.H.P**

## CLINICAL EXPERIENCE

### **Jun 1990 – Jun 1993: Specialist in Surgery**

General Hospital of Patras and Surgical Clinic of The P.G.H. Patras (P.G.H.P.)

**Aug 1997 - August 1998:** Supervision in diagnosis, preoperative preparation, surgical management of scheduled or emergency **vascular surgery** and postoperative follow-up,

Vascular Surgery Clinic, Royal Liverpool University Hospital (UK)

**Dec 1999 -2005: General Surgery:** (minor, medium and major, planned or emergency-emergency basis). Surgery of the **digestive system**, surgery of the **thyroid and parathyroid glands**, as well as laparoscopic surgery. Surgical treatment of symptomatic **carotid stenosis and** endovascular treatment of abdominal aortic aneurysms, **vascular surgeries**

Peripheral General Hospital of Patras, Patra, Greece

**2002: Kidney transplant surgery and surgery of neuropathic patients,**

Surgery Clinic of Hospital Cantonal de Fribourg, Switzerland

**2006-2007 Honorary Hospital Practitioner**

classic-open operations, and laparoscopic surgeries on **liver-biliary-pancreatic** system (malignant or benign lesions, **liver transplants** (adults or pediatrics patients), surgical treatment of **thyroid malignancy**, treatment of **secondary hyperparathyroidism** and **laparoscopic adrenalectomy**

Liver Unit at King's College Hospital (London, U.K.)

**2010- Now: Abdominal Trauma** and Emergency Surgery in Surgery Mainly Liver And Pancreas, Kidney Graft And Transplants With Special Contributions In Patients Of National List Of Southern Greece. Peripheral General Hospital Of Patras, Patra, Greece

## **FIELDS OF RESEARCH ACTIVITY**

- Immune response of major surgical patients (clinical study), the study of carotid surgery (clinical study), and the study of postoperative parameters of the systemic inflammatory response and their relationship to clinical expression, after the use of new technologies, specifically radiofrequency-RF, in liver surgery.
- Angiogenesis in ischemic lower limbs after the administration of angiogenic factors - thrombin, in rabbits and rats
- Use and action of antioxidant drugs, in the intestinal mucosa and hepatocellular, benefits of using antioxidant drugs, in an experimental model of jaundiced rats, after bile duct ligation
- Immune response to major surgical wounds after cyclooxygenase inhibitor administration study in carotid surgery – endarterectomy, for symptomatic carotid stenosis – surgical techniques, complications, as well as the benefits of modern management of carotid endarterectomy and cardiac vascular bypass
- Benefits of the use of antioxidant agents in icteric rats, in the intestinal mucosa and hepatocyte, in conditions of induced oxidative stress after bile duct ligation and jaundice
- Molecular and genetic mechanisms in the occurrence of colon and pancreatic cancer.
- Tumor progenitor cells as markers to predict local recurrence or liver metastasis after pancreatectomy for pancreatic tumors.
- Progenitor cancer cells as a predictor of local recurrence or distant metastasis after colectomy in colorectal cancer.
- Cholelithiasis. Factors associated with its recurrence.
- Functional and morphological changes of the peritoneum after the effect of lactate and bicarbonate peritoneal dialysis solutions.
- Effects of corticoids, epithelial growth factors and the normalization of the intestinal flora on the adequacy of the intestinal mucosal barrier, the systemic inflammatory response and mortality in an experimental model of polymicrobial sepsis in rats.
- Regenerative capacity of the liver after partial hepatectomy.
- Therapeutic manipulations in maintenance and protection of intestinal barrier in experimental animal models with various pathological conditions (cholestasis, hepatectomy, sepsis).

## **EDUCATIONAL WORK**

- **Courses of Surgery, Anatomy, Gynecology - Obstetrics**  
Middle Nursing School of Sisters of Nurses of the PGN Patras "Agios Andreas" years 1990-1991 and 1991-1992
- **Education courses on the subjects "Vegetables" and "Acute Digestive Hemorrhages"**  
Five-year student clinical practice 11.3.1997 to 20.4.1997 and 9.6.1997 to 20.7.1997 in General Surgery Clinic at University of Patras
- **National Instructor of Advanced Trauma Life Support (ATLS) and Pre-Hospital Trauma Life Support (PHTLS)** in medical specialists, students, nursing and other staff.
- **"Medical Urgent Problems"**. Training program subsidized by the European Community within the framework of INTEREG II and with the parallel goal of improving Greek Italian Cooperation. Program manager X. Karatzas, An. Prof. of Pathology, K. Vagianos, An. Prof. of Surgery, University of Patras.
- **"Improving Nursing Department Studies"**. Technological Educational Institution -TEI- of Patras, Ministry of National Education and Religious Affairs, Operational Program of Education and Initial Vocational Training 1999 (EPEAEK). Program manager Dr. Maria Papadimitriou (3560/4.5.19990)

- **"Training in the area of health care services"**. Subsidized by the ECB and the PEP of Western Greece. A total of 500 hours, implemented by the Vocational Training Center "Dafni KEK» (18 hours).
- Training in **"Trauma"**. Subsidized by Subsidized by the ECB and the PEP of Western Greece. A total of 500 hours, implemented by the Vocational Training Center "Dafni KEK» (60 hours).
- **"Training of nurses in Emergency Departments - TEP"**. KEK Program, (6 hours) PGNP, OP Health-Welfare & Human Resources – Training manager: K. Augeridis
- **"Prehospital Trauma Support"**. KEK Program, (13 hours) PGNP, OP Health-Welfare & Human Resources – Training manager: K. Avgeridis.
- **"Basic Emergency Response"**. KEK Program, (4 hours) PGNP, OP Health-Welfare & Human Resources – Training Manager: K. Karnaros

## **AWARDS AND DISTINCTIONS**

- **"Efimon Mneian" from Directors' Board of PGHP**  
No. 7/29.4.1996 EYS deed, no. 20/20.5.1996 decision article 203 par. 2 of PD 611/77
- **Member of the scientific council of PGNP**  
Elected regular member of the scientific board of PGNP during the period 2005 – 2006
- **Reviewer of International Journals**  
Certified Reviewer of International Journals in 47 papers to be published from May 2019 - May 2024, with Researcher ID: IYJ-5485-2023 on Web of Science.

## **MEMBERSHIP OF SCIENTIFIC SOCIETIES**

**1991: British General Medical Council**

**1993: Hellenic Society of Parenteral & Enteral Nutrition**

**1998: Hellenic Surgical Society**

**2001: Hellenic Society Of Endocrine**

## **ORGANIZATION OF NATIONAL CONFERENCES – SEMINARS**

- Member of the Organizing Committee, 6<sup>o</sup> Panhellenic Conference on Surgical Infections, Patra, Greece 5-7/11/1999
- Co-organization of 2nd Patras Breast Cancer Symposium,
- Organizer of Educational program at the Surgical Clinic of the University of Patras during the Academic Year 2009-2010
- Organizer Of Postgraduate Courses at The Surgery Clinic Of The University Of Patras During The Academic Year 2011-2012

## **WRITER OF CHAPTERS IN NATIONAL SCIENTIFIC BOOKS**

- **"Cranial Nerve Injuries After Carotid Endarterectomy"**, Maroulis I, Karnanevatos A, Papakostas K, Gilling-Smith GL, McCormick MS, Harris PL, SURGERY DEVELOPMENTS 1998, Synedron Publications, Volume 1, p. 259-260, Athens 1998
- **"Early Detection of Breast Cancer With Preoperative Needle Detection (Corans) And Biopsy Of A Non Palpable Lesion: Correlation Of Mammographic Image And Stage"**, Tzorakoleftherakis E, Maroulis I. Skroubis G, Kehagias I, Angelopoulou E, DEVELOPMENTS IN SURGERY 1998, Synedron Publications, Volume 1, p. 171-172, Athens 1998

- **"How Safe Is Carotid Entrarectomy When Performed by Surgical Experts"**, Maroulis I, Harris PL, McCormick MS, SURGERY DEVELOPMENTS 1998, Synedron Publications, Volume 2, p. 164-166, Athens 1998
- **"Complications Of Intra-Articular Chemotherapy in Inoperative Hepato-Cellular Carnicos"**, Tzorakoleftherakis E, Maroulis I, Androulakis I, SURGERY DEVELOPMENTS 1998, Synedron Publications, Volume 2, p. 62-63, Athens 1998
- **"Abdominal Trauma"**, Maroulis I, Kalfarentzos F, MODERN GENERAL SURGERY by Ioannis Papadimitriou. Parisianou Publications SA, Chapter 44, volume 2, p. 860-871, Athens 2000. Distributed to the medical students at the University of Athens.
- **"Trauma: Treatment of Trauma In A Hostile Environment"**, Maroulis I, TOPICS OF GENERAL SURGERY FROM SEMINARS 2000, VOLUME II, PAGE. 798-807, ELE Education Committee Publications, Athens 2000
- **"Principles And Practice of Surgery"**, James Garden, Andrew W. Bradbury, John Forsythe Churchill Livingstone Publications 2002, Greek Edition: *Principles Of Surgery, Theory And Practice*, Parisianou Publications, Athens 2003. Scientific Editing of individual chapters of this manual of surgery, which is distributed to the medical students at the University of Patras
- **"Selection Of Day Nurse Patients - Prerequisites"**, Maroulis I, Topics Of General Surgery From Post-Education Seminars Of Surgery 2005, Hellenic Surgical Society Publications, ELE Education Committee, Athens 2007
- **"Preoperative Preparation of The Surgical Patient"**, Panagopoulos K., Maroulis I, General Surgery From Post-Education Seminars Of Surgery 2005, Hellenic Surgical Society Publications, ELE Education Committee, Athens 2007
- **"Pre-Operative Dilation of Cancer Patients"**, Vagianos K., Maroulis I, General Surgery From Post-Education Seminars Of Surgery 2005, Hellenic Surgical Society Publications, Ele Education Committee, Athens 2007

## **PUBLICATIONS (past five years)**

- 1: Perrone G, Giuffrida M, Abu-Zidan F, Kruger VF, Livrini M, Petracca GL, Mulita F, **Maroulis I**, et. al **Goodbye Hartmann trial: a prospective, international, multicenter, observational study on the current use of a surgical procedure developed a century ago.**  
World J Emerg Surg. 2024 Apr 16;19(1):14.  
doi: 10.1186/s13017-024-00543-w. PMID:38627831; PMCID: PMC11020610.
- 2: Bouchagier K, Mulita F, Verras GI, Nehr S, Perdikaris I, Tasios K, Antzoulas A, Samaras A, Klimopoulos S, **Maroulis I**  
**Association between perineural infiltrations and delayed gastric emptying after Whipple procedure for periampullary tumours, and the relationship with other clinicopathological factors and overall survival**  
Prz Gastroenterol. 2024;19(1):89-96.  
doi: 10.5114/pg.2023.129464. Epub 2023 Jul 17. PMID: 38571537; PMCID: PMC10985752.
- 3: Anesidis S, Akrida I, Michalaki M, Apostolopoulos D, Papathanasiou N, Benetatos N, Kalogeropoulou C, Panagopoulos K, **Maroulis I**.  
**Intraoperative radio-guided localization of parathyroid adenomas using 3D freehand SPECT technology**  
Updates Surg. 2024 Mar 22. doi: 10.1007/s13304-024-01819-1. Epub ahead of print. PMID: 38517662.
- 4: Tavlakos P, Nikou S, Geramoutsou C, Bosgana P, Tsaniras SC, Melachrinou M, **Maroulis I**, Bravou V.  
**CUL4A Ubiquitin Ligase Is an Independent Predictor of Overall Survival in Pancreatic Adenocarcinoma.**  
Cancer Genomics Proteomics. 2024 Mar-Apr;21(2):166-177.  
doi: 10.21873/cgp.20438. PMID: 38423594; PMCID: PMC10905276.

- 5: Skoura A, Billis E, Papanikolaou DT, Xergia S, Tsarbou C, Tsekoura M, Kortianou E, **Maroulis I**. **Diastasis Recti Abdominis Rehabilitation in the Postpartum Period: A Scoping Review of Current Clinical Practice.** *Int Urogynecol J.* 2024 Mar;35(3):491-520. doi: 10.1007/s00192-024-05727-1. Epub 2024 Feb 10. PMID: 38340172; PMCID: PMC11023973.
- 6: Akrida I, Michalopoulos NV, Lagadinou M, Papadoliopoulou M, **Maroulis I**, Mulita F. **An Updated Review on the Emerging Role of Indocyanine Green (ICG) as a Sentinel Lymph Node Tracer in Breast Cancer.** *Cancers (Basel).* 2023 Dec 8;15(24):5755. doi: 10.3390/cancers15245755. PMID: 38136301; PMCID: PMC10742210.
- 7: Akrida I, Mulita F, Plachouri KM, Benetatos N, **Maroulis I**, Papadaki H. **Epithelial to mesenchymal transition (EMT) in metaplastic breast cancer and phyllodes breast tumors.** *Med Oncol.* 2023 Dec 16;41(1):20. doi:10.1007/s12032-023-02259-4. PMID: 38104042.
- 8: ESCP EAGLE Safe Anastomosis Collaborative and NIHR Global Health Research Unit in Surgery **Evaluation of a quality improvement intervention to reduce anastomotic leak following right colectomy (EAGLE): pragmatic, batched stepped-wedge, cluster-randomized trial in 64 countries.** *Br J Surg.* 2024 Jan 3;111(1):znad370. doi: 10.1093/bjs/znad370. PMID: 38029386; PMCID: PMC10771257.
- 9: Tsilivigkos C, Athanasopoulos M, Micco RD, Giotakis A, Mastronikolis NS, Mulita F, Verras GI, **Maroulis I**, Giotakis E. **Deep Learning Techniques and Imaging in Otorhinolaryngology-A State-of-the-Art Review.** *J Clin Med.* 2023 Nov 8;12(22):6973. doi: 10.3390/jcm12226973. PMID: 38002588; PMCID: PMC10672270.
- 10: Papakonstantinou E, Pappa I, Androutsopoulos G, Adonakis G, **Maroulis I**, Tzelepi V. **Comprehensive Analysis of DNA Methyltransferases Expression in Primary and Relapsed Ovarian Carcinoma** *Cancers (Basel).* 2023 Oct 11;15(20):4950. doi: 10.3390/cancers15204950. PMID: 37894317; PMCID: PMC10605797.
- 11: Zhang T, Wahib R, Zazara DE, Lücke J, Shiri AM, Kempinski J, Zhao L, Agalioti T, Machicote AP, Giannou O, Belios I, Jia R, Zhang S, Tintelnot J, Seese H, Grass JK, Mercanoglu B, Stern L, Scognamiglio P, Fard-Aghaie M, Seeger P, Wakker J, Kemper M, Brunswig B, Duprée A, Lykoudis PM, Pikouli A, Giorgakis E, Stringa P, Lausada N, Gentilini MV, Gondolesi GE, Bachmann K, Busch P, Grotelüschen R, **Maroulis IC**, et. al. **CD4+ T cell-derived IL-22 enhances liver metastasis by promoting angiogenesis.** *Oncoimmunology.* 2023 Oct 20;12(1):2269634. doi:10.1080/2162402X.2023.2269634. PMID: 37876835; PMCID: PMC10591777.
- 12: Di Martino M, Ielpo B, Pata F, Pellino G, Di Saverio S, Catena F, De Simone B, Coccolini F, Sartelli M, Damaskos D, Mole D, Murzi V, Leppaniemi A, Pisanu A, Podda M; **MANCTRA-1 Collaborative Group. Timing of Cholecystectomy After Moderate and Severe Acute Biliary Pancreatitis.** *JAMA Surg.* 2023 Oct 1;158(10):e233660. doi: 10.1001/jamasurg.2023.3660. Epub 2023 Oct 11. Erratum in: *JAMA Surg.* 2024 Mar 1;159(3):353. PMID: 37610760; PMCID: PMC10448376.

13: Mulita F, Theofanis G, Verras GI, Liolis E, Papanikos V, Tchabashvili L, Tasios K, Iliopoulos F, silivigkos C, Kehagias D, Kaplanis C, Antzoulas A, Samaras A, Drakos N, Panagiotopoulos I, Leivaditis V, Filis D, **Maroulis I**, Bouchagier K, Michalaki M.

**Comparison of postoperative bleeding using harmonic scalpel and LigaSure in thyroid surgery: a 15-year single-centre retrospective study.**

*Med Glas (Zenica)*. 2023 Aug 1;20(2).,doi: 10.17392/1629-23. Epub ahead of print. PMID: 37585298.

14: Croghan SM, Mohan HM, Breen KJ, McGovern R, Bennett KE, Boland MR, Elhadi M, Elliott JA, Fullard AC, Lonergan PE, McDermott F, Mehraj A, Pata F, Quinlan DM, Winter DC, Bolger JC, Fleming CA; **RETAINER I Study Group of the Irish Surgical Research Collaborative.**

**Global Incidence and Risk Factors Associated With Postoperative Urinary Retention Following Elective Inguinal Hernia Repair: The Retention of Urine After Inguinal Hernia Elective Repair (RETAINER I) Study.**

*JAMA Surg*. 2023 Aug 1;158(8):865-873.,doi: 10.1001/jamasurg.2023.2137. Erratum in: *JAMA Surg*. 2023 Oct 1;158(10):1116. PMID: 37405798; PMCID: PMC10323764.

15: Giannou AD, Kempinski J, Zhang T, Lücke J, Shiri AM, Zazara DE, Belios I, Machicote A, Seeger P, Agalioti T, Tintelnot J, Sagebiel A, Tomczak M, Bauditz L, Bedke T, Kocheise L, Mercanoglu B, Fard-Aghaie M, Giorgakis E, Lykoudis PM, Pikouli A, Grass JK, Wahib R, Bardenhagen J, Brunswig B, Heumann A, Ghadban T, Duprée A, Tachezy M, Melling N, Arck PC, Stringa P, Gentilini MV, Gondolesi GE, Nakano R, Thomson AW, Perez D, Li J, Mann O, Izbicki JR, Gagliani N, **Maroulis IC**, Huber S.

**IL-22BP controls the progression of liver metastasis in colorectal cancer.**

*Front Oncol*. 2023 May 31;13:1170502.,

doi: 10.3389/fonc.2023.1170502. PMID: 37324022; PMCID: PMC10265988.

16: Karydis N, **Maroulis I**. Changing landscape in living kidney donation in Greece.

*World J Transplant*. 2023 Feb 18;13(2):28-35.,doi: 10.5500/wjt.v13.i2.28. PMID: 36908308; PMCID: PMC9993187.

17: Podda M, Pellino G, Di Saverio S, Coccolini F, Pacella D, Cioffi SPB, Viridis F, Balla A, Ielpo B, Pata F, Poillucci G, Ortenzi M, Damaskos D, De Simone B, Sartelli M, Leppaniemi A, Jayant K, Catena F, Giuliani A, Di Martino M, Pisanu A; **MANCTRA-1 Collaborative Group.**

**Infected pancreatic necrosis: outcomes and clinical predictors of mortality. A post hoc analysis of the MANCTRA-1 international study.**

*Updates Surg*. 2023 Apr;75(3):493-522.

doi:10.1007/s13304-023-01488-6. Epub 2023 Mar 11. PMID: 36899292; PMCID:PMC10005914.

18: Giannou AD, Kempinski J, Shiri AM, Lücke J, Zhang T, Zhao L, Zazara DE, Cortesi F, Riecken K, Amezcua Vesely MC, Low JS, Xu H, Kaffe E, Garcia-Perez L, Agalioti T, Yamada Y, Jungraithmayr W, Zigmund E, Karstens KF, Steglich B, Wagner J, Konczalla L, Carambia A, Schulze K, von Felden J, May P, Briukhovetska D, Bedke T, Brockmann L, Starzonek S, Lange T, Koch C, Riethdorf S, Pelczar P, Böttcher M, Sabihi M, Huber FJ, Reeh M, Grass JK, Wahib R, Seese H, Stüben BO, Fard-Aghaie M, Duprée A, Scognamiglio P, Plitzko G, Meiners J, Soukou S, Wittek A, Manthey C, **Maroulis IC**, et. al.

**Tissue resident iNKT17 cells facilitate cancer cell extravasation in liver metastasis via interleukin-22.**

*Immunity*. 2023 Jan 10;56(1):125-142.e12.,

doi: 10.1016/j.immuni.2022.12.014. PMID: 36630911; PMCID: PMC9839362.

19: Giannou AD, Lücke J, Kleinschmidt D, Shiri AM, Steglich B, Nawrocki M, Zhang T, Zazara DE, Kempinski J, Zhao L, Giannou O, Agalioti T, Brockmann L, Bertram F, Sabihi M, Böttcher M, Ewald F, Schulze K, von Felden J, Machicote A, **Maroulis IC**, et. al

**A Critical Role of the IL-22-IL-22 Binding Protein Axis in Hepatocellular Carcinoma.**

*Cancers (Basel)*. 2022 Dec 7;14(24):6019.,doi: 10.3390/cancers14246019. PMID: 36551508; PMC9775560.

20: Benatatos N, Papadopoulou I, Assimakopoulos SF, Mulita F, Iliopoulos E, Germanos S, Vailas M, Kalogeropoulou C, Kitrou P, **Maroulis I**.

**Surgical management in hepatocellular carcinoma with portal vein tumour thrombosis: is this the end of the road or a chance to expand the criteria for resectability?**

*Prz Gastroenterol. 2022;17(4):257-265.*

doi: 10.5114/pg.2022.118138. Epub 2022 Jul 15. PMID: 36514454; PMCID: PMC9743323.

21: Mulita F, Verras GI, Dafnomili VD, Tchabashvili L, Perdikaris I, Bousis D, Liolis E, Samaras A, Vafeiadis V, Delis A, Panagiotopoulos I, Filis D, Perdikaris P, **Maroulis I**, Anesidis S, Bouchagier K.

**Thyroidectomy for the Management of Differentiated Thyroid Carcinoma and their Outcome on Early Postoperative Complications: A 6-year Single-Centre Retrospective Study.**

*Chirurgia (Bucur). 2022 Oct;117(5):556-562.* doi: 10.21614/chirurgia.2736. PMID: 36318685.

22: Mulita F, Verras GI, Tchabashvili L, Liolis E, Kaplanis C, Perdikaris I, **Maroulis I**.

**Small bowel obstruction in a 42-year-old patient? Be aware of Meckel's diverticulum.**

*Prz Gastroenterol. 2022;17(3):245-247.*

doi: 10.5114/pg.2021.109979. Epub 2021 Oct 14. PMID: 36127945; PMCID: PMC9475484.

23: Podda M, Pacella D, Pellino G, Coccolini F, Giordano A, Di Saverio S, Pata F, Ielpo B, Viridis F, Damaskos D, De Simone B, Agresta F, Sartelli M, Leppaniemi A, Riboni C, Agnoletti V, Mole D, Kluger Y, Catena F, Pisanu A; **MANCTRA-1 Collaborative Group**; et al.

**compliance with evidence-based clinical guidelines in the management of acute biliary pancreatitis): The MANCTRA-1 international audit.**

*Pancreatology. 2022 Nov;22(7):902-916.*

doi: 10.1016/j.pan.2022.07.007. Epub 2022 Jul 16. PMID: 35963665.

24: Bagias G, Kanavidis P, Vailas M, Despotidis M, Sotiropoulou M, Katsaros I, **Maroulis I**, Filippou D, Schizas D.

**Surgical management of familial pancreatic cancer: a systematic review of the literature.**

*ANZ J Surg. 2022 Nov;92(11):2816-2821.* doi: 10.1111/ans.17834. Epub 2022 Jun 27. PMID: 35758214.

25: Verras GI, Mulita F, Bouchagier K, Bousis D, Kehagias D, Liolis E, Perdikaris I, Filis D, Perdikaris P, Panagiotopoulos I, **Maroulis I**, Benatatos N.

**Mid-term outcomes in the treatment of retroperitoneal sarcomas: a 12-year single-institution experience.**

*Med Glas (Zenica). 2022 Aug 1;19(2).* doi: 10.17392/1498-22. Epub ahead of print. PMID: 35716083.

26: Mulita F, Tepetes K, Verras GI, Liolis E, Tchabashvili L, Kaplanis C, Perdikaris I, Velissaris D, **Maroulis I**.

**Perineal colostomy: advantages and disadvantages.**

*Prz Gastroenterol. 2022;17(2):89-95.*

doi: 10.5114/pg.2021.109665. Epub 2021 Oct 4. PMID: 35664027; PMCID: PMC9165335.

27: Geramoutsou C, Nikou S, Karavias D, Arbi M, Tavlas P, Tzelepi V, Lygerou Z, **Maroulis I**, Bravou V.

**Focal adhesion proteins in hepatocellular carcinoma: RSU1 a novel tumour suppressor with prognostic significance.**

*Pathol Res Pract. 2022 Jul;235:153950.*

doi: 10.1016/j.prp.2022.153950. Epub 2022 May 23. PMID: 35642986.



- 28: GlobalSurg Collaborative and NIHR Global Health Research Unit on Global Surgery.  
**Effects of hospital facilities on patient outcomes after cancer surgery: an international, prospective, observational study.**  
*Lancet Glob Health. 2022 Jul;10(7):e1003-e1011.*  
doi: 10.1016/S2214-109X(22)00168-1. Epub 2022 May 24. PMID: 35623378; PMCID: PMC9210173.
- 29: Mulita F, Liolis E, Akinosoglou K, Tchabashvili L, **Maroulis I**, Kaplanis C, Vailas M, Panos G.  
**Postoperative sepsis after colorectal surgery: a prospective single-center observational study and review of the literature.**  
*Prz Gastroenterol. 2022;17(1):47-51.*  
doi: 10.5114/pg.2021.106083. Epub 2021 May 23. PMID: 35371356; PMCID: PMC8942007.
- 30: Mulita F, Verras GI, Iliopoulos F, Kaplanis C, Liolis E, Tchabashvili L, Tsilivigkos C, Perdikaris I, Sgourou A, Papachatzopoulou A, **Maroulis I**.  
**Analgesic effect of paracetamol monotherapy vs. the combination of paracetamol/parecoxib vs. the combination of pethidine/paracetamol in patients undergoing thyroidectomy.**  
*Prz Menopauzalny. 2021 Dec;20(4):226-230.*  
doi: 10.5114/pm.2021.110955. Epub 2021 Nov 24. PMID: 35069077; PMCID: PMC8764955.
- 31: Sotiropoulou M, Mulita F, Verras GI, Schizas D, Papalampros A, Tchabashvili L, Kaplanis C, Liolis E, Perdikaris I, **Maroulis I**, Vailas M.  
**A novel tool for visualization and detection of pancreatic neuroendocrine tumours. A 'fluorescent' world is calling for exploration?**  
*Prz Menopauzalny. 2021 Dec;20(4):207-210.*, doi: 10.5114/pm.2021.110834. Epub 2021 Nov 16. PMID: 35069073; PMCID: PMC8764961.
- 32: Assimakopoulos SF, **Maroulis I**, Triantos C, Marangos M.  
**Oral Antibiotics for Uncomplicated Acute Appendicitis: The Role of Extended-Spectrum Beta-Lactamase Risk Factor Stratification.**  
*Gastroenterology Res. 2021 Dec;14(6):311-312.*  
doi: 10.14740/gr1489. Epub 2021 Dec 21. PMID: 35059064; PMCID: PMC8734493.
- 33: Mulita F, Theofanis G, Tchabashvili L, Drakos N, **Maroulis I**.  
**Rectal foreign bodies: retained orange.**  
*Prz Gastroenterol. 2021;16(4):392-393.*  
doi: 10.5114/pg.2021.105409. Epub 2021 Apr 16. PMID: 34976250; PMCID: PMC8690951.
- 34: Vailas M, Sotiropoulou M, Benetatos N, Mulita F, **Maroulis I**, Germanos S.  
**Chyle leak after major pancreatic surgery. Is this an underestimated complication? A narrative review of the literature**  
*J BUON. 2021 Sep- Oct;26(5):1747-1753.*, PMID: 34761578.
- 35: Mulita F, Iliopoulos F, Tsilivigkos C, Tchabashvili L, Liolis E, Kaplanis C, Perdikaris I, **Maroulis I**.  
**Cancer rate of Bethesda category II thyroid nodules.**  
*Med Glas (Zenica). 2022 Feb 1;19(1).*, doi: 10.17392/1413-21. Epub ahead of print. PMID: 34734516.
- 36: Schizas D, Koumpoura A, Galari M, Economopoulou P, Vailas M, Sotiropoulou M, Dimitroulis D, **Maroulis I**, Felekouras E.  
**A personalized approach to pancreatic ductal adenocarcinoma and its application in surgical practice**  
*Per Med. 2021 Sep;18(6):613-627.*, doi: 10.2217/pme-2021-0031. Epub 2021 Oct 22. PMID: 34676789.

37: Mulita F, Tchabashvili L, Liolis E, **Maroulis I.**

**Transient small bowel intussusception in a 30-year-old male.**

*Prz Gastroenterol.* 2021;16(3):252-253., doi: 10.5114/pg.2021.108991. Epub 2021 Sep 17. PMID: 34584589; PMCID:PMC8456771.

38: Kehagias D, Mulita F, **Maroulis I,** Benetatos N.

**Caudate lobe: the last barrier - an unusual place for a foreign body.**

*ANZ J Surg.* 2022 May;92(5):1218-1220.,doi: 10.1111/ans.17226. Epub 2021 Sep 22. PMID: 34550639.

39: Mulita F, Vailas M, Sotiropoulou M, Oikonomou N, Koureleas S, **Maroulis I.**

**Colon Perforation in a 22-year-old Male with Bartter's Syndrome, Systemic Lupus Erythematosus and Leishmaniasis**

*Chirurgia (Bucur).* 2021 Aug;116(eCollection):1-6.,doi: 10.21614/chirurgia.116.eC.2321. PMID: 34463244.

40: COVIDSurg Collaborative; GlobalSurg Collaborative.

**SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study.**

*Anaesthesia.* 2022 Jan;77(1):28-39.

doi: 10.1111/anae.15563. Epub 2021 Aug 24. PMID: 34428858; PMCID: PMC8652887.

41: COVIDSurg Collaborative; GlobalSurg Collaborative.

**Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study.**

*Anaesthesia.* 2021 Nov;76(11):1454-1464.,doi: 10.1111/anae.15560. Epub 2021 Aug 9. PMID: 34371522.

42: ESCP Enhanced Recovery Collaborating Group.

**An international assessment of the adoption of enhanced recovery after surgery (ERAS®) principles across colorectal units in 2019-2020**

*Colorectal Dis.* 2021 Nov;23(11):2980-2987.doi: 10.1111/codi.15863. Epub 2021 Sep 30. PMID: 34365718.

43: Vailas M, Sotiropoulou M, Mulita F, **Maroulis I.**

**Reply to letter to the editor.**

*Eur Surg.* 2021;53(5):261-262.

doi: 10.1007/s10353-021-00729-5. Epub 2021 Jun 25. PMID: 34220996; PMCID: PMC8231080.

44: Kehagias D, Iliopoulos E, **Maroulis I,** Mulita F.

**Strangulated femoral hernia without intestinal obstruction? Be aware of Meckel's diverticulum: a case report of a Littre's hernia.**

*BMJ Case Rep.* 2021 Jun 22;14(6):e243840..

doi: 10.1136/bcr-2021-243840. PMID: 34158337; PMCID: PMC8220453.

45: Vailas M, Benetatos N, **Maroulis I,** Kaplanis C, Drakos N, Mulita F, Sotiropoulou M, Germanos S.

**A gelatinous veil inside the abdomen of a pancreatic cancer patient. What lies beneath it?**

*Clin Case Rep.* 2021 Jun 10;9(6):e04353.,doi: 10.1002/ccr3.4353. PMID: 34136253; PMCID: PMC8190690.

46: Panos G, Mulita F, Akinosoglou K, Liolis E, Kaplanis C, Tchabashvili L, Vailas M, **Maroulis I.**

**Risk of surgical site infections after colorectal surgery and the most frequent pathogens isolated: a prospective single-centre observational study.**

*Med Glas (Zenica).* 2021 Aug 1;18(2):438-443.,doi: 10.17392/1348-21. PMID: 34080408.

- 47: Mulita F, Vailas M, Tchabashvili L, Liolis E, Iliopoulos F, Drakos N, **Maroulis I.**  
**The impact of the COVID-19 outbreak on emergency surgery: a Greek emergency department experience.**  
*Prz Gastroenterol.* 2021;16(1):95.,  
doi: 10.5114/pg.2021.104739. Epub 2021 Mar 26. PMID: 33986894; PMCID: PMC8112261.
- 48: Sotiropoulou M, Schizas D, Mulita F, **Maroulis I.**, Vailas M.  
**The impact of "COVID-mania" on medical scientific literature. Are we facing a publication pandemic?**  
*Eur Surg.* 2022;54(2):126-127.,  
doi: 10.1007/s10353-021-00711-1. Epub 2021 May 6. PMID: 33976694; PMCID: PMC8101603.
- 49: Mulita F, Liolis E, Tchabashvili L, Seretis F, Iliopoulos F, Drakos N, **Maroulis I.**, Vailas M.  
**Giant splenic abscess caused by *Salmonella enterica*.**  
*Clin Case Rep.* 2021 Mar 19;9(4):2498-2499.  
doi: 10.1002/ccr3.4003. PMID: 33936730; PMCID: PMC8077386.
- 50: Vailas M, Sotiropoulou M, Mulita F, Drakos N, Ambalov E, **Maroulis I.**  
**The impact of COVID-19 on surgical training at a tertiary hospital in Greece: a 'hidden infectious enemy' for junior surgeons?**  
*Eur Surg.* 2021;53(5):240-245.,doi: 10.1007/s10353-021-00699-8. Epub 2021 Apr 8. PMID: 33850514; PMCID:PMC8030652.
- 51: Vailas M, Sotiropoulou M, Mulita F, **Maroulis I.**  
**Fear of COVID-19 infection among surgeons and hesitancy for vaccination. Who is the culprit to blame?**  
*Br J Surg.* 2021 Apr 30;108(4):e184.doi: 10.1093/bjs/znab032. PMID: 33793761; PMCID: PMC7929201.
- 52: Vailas M, Sotiropoulou M, Germanos S, Benetatos N, **Maroulis I.**  
**Comment on: immediate and long-term impact of the COVID-19 pandemic on delivery of surgical services.**  
*Br J Surg.* 2021 Apr 30;108(4):e185.doi: 10.1093/bjs/znab033. PMID: 33793751; PMCID: PMC7929101.
- 53: Vailas M, Sotiropoulou M, **Maroulis I.**  
**Changing surgical practice in management of intrahepatic cholangiocarcinoma during the pandemic. Is bridging with systemic therapy safe for our patients?**  
*Br J Surg.* 2021 Apr 5;108(3):e145.doi: 10.1093/bjs/znab002. PMID: 33793737; PMCID: PMC7929095.
- 54: COVIDSurg Collaborative, GlobalSurg Collaborative.  
**SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study.**  
*Br J Surg.* 2021 Sep 27;108(9):1056-1063.doi: 10.1093/bjs/znab101. PMID: 33761533; PMCID: PMC7995808.
- 55: Mulita F, Liolis E, **Maroulis I.**, Panagopoulos K, Plachouri KM.  
**Primary Burkitt lymphoma of the thyroid gland in a 28-year-old female.**  
*Endokrynol Pol.* 2021;72(3):280-281.doi: 10.5603/EP.a2021.0026. Epub 2021 Mar 22. PMID: 33749816.
- 56: Mulita F, Plachouri MK, Liolis E, Vailas M, Panagopoulos K, **Maroulis I.**  
**Patient outcomes following surgical management of thyroid nodules classified as Bethesda category III (AUS/FLUS).**  
*Endokrynol Pol.* 2021;72(2):143-144.doi: 10.5603/EP.a2021.0018. Epub 2021 Mar 22. PMID: 33749812.

- 57: Vailas M, Mulita F, Sotiropoulou M, Germanos S, Benetatos N, **Maroulis I**.  
**Changing the nature of benign entities during the pandemic. A riddle asking for solution?**  
*Br J Surg.* 2021 Apr 30;108(4):e186.doi: 10.1093/bjs/znab041. PMID: 33734330.
- 58: COVIDSurg Collaborative; GlobalSurg Collaborative.  
**Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study.**  
*Anaesthesia.* 2021 Jun;76(6):748-758.  
doi: 10.1111/anae.15458. Epub 2021 Mar 9. PMID: 33690889; PMCID: PMC8206995.
- 59: Vailas M, Sotiropoulou M, Schizas D, **Maroulis I**.  
**Psychological implications on stoma patients waiting for reversal in the era of COVID-19 pandemic.**  
*Br J Surg.* 2021 Apr 30;108(4):e181.doi: 10.1093/bjs/znab022. PMID: 33655298; PMCID: PMC7989575.
- 60: GlobalSurg Collaborative and National Institute for Health Research Global Health Research Unit on Global Surgery.  
**Global variation in postoperative mortality and complications after cancer surgery: a multicentre, prospective cohort study in 82 countries.**  
*Lancet.* 2021 Jan 30;397(10272):387-397.doi: 10.1016/S0140-6736(21)00001-5. Epub 2021 Jan 21. Erratum in: *Lancet.* 2021 Mar 6;397(10277):880. PMID: 33485461; PMCID: PMC7846817.
- 61: Mulita F, Benetatos N, **Maroulis I**, Germanos S.  
**Enlarged cystic artery.**  
*BMJ Case Rep.* 2021 Jan 18;14(1):e240056. doi: 10.1136/bcr-2020-240056. PMID: 33462065; PMCID: PMC7816909.
- 62: Mulita F, Parchas N, Solou K, Tchabashvili L, Gatomati F, Iliopoulos F, **Maroulis I**.  
**Postoperative Pain Scores After Open Inguinal Hernia Repair: Comparison of Three Postoperative Analgesic Regimens.**  
*Med Arch.* 2020 Oct;74(5):355-358. doi: 10.5455/medarh.2020.74.355-358. PMID: 33424089; PMCID: PMC7780791.
- 63: Mulita F, Karpetas G, Liolis E, Vailas M, Tchabashvili L, **Maroulis I**.  
**Comparison of analgesic efficacy of acetaminophen monotherapy versus acetaminophen combinations with either pethidine or parecoxib in patients undergoing laparoscopic cholecystectomy: a randomized prospective study.**  
*Med Glas (Zenica).* 2021 Feb 1;18(1):27-32.doi: 10.17392/1245-21. PMID: 33155461.
- 64: Mulita F, Oikonomou N, Provatidis A, Alexopoulos A, **Maroulis I**.  
**<i>Roseomonas gilardii</i> in patient with leukemia and acute appendicitis: case report and review.**  
*Pan Afr Med J.* 2020 Aug 14;36:283.doi: 10.11604/pamj.2020.36.283.24834. PMID: 33117477; PMCID: PMC7572676.
- 65: Mulita F, Tavlas P, Iliopoulos E, **Maroulis I**. **Giant anal warts.**  
*Clin Case Rep.* 2020 Jun 8;8(9):1856-1857.doi: 10.1002/ccr3.3021. PMID: 32983519; PMCID: PMC7495784.
- 66: Kakkos SK, Tyllianakis M, Panagopoulos A, Kokkalis Z, Lianou I, Koletsis E, Tsolakis I, Papadoulas S, Gliatis J, **Maroulis I**, Kitrou P.  
**Outcome Predictors in Civilian and Iatrogenic Arterial Trauma.**  
*World J Surg.* 2021 Jan;45(1):160-167. doi: 10.1007/s00268-020-05792-9. Epub 2020 Sep 25. PMID: 32978663.

67: Mulita F, Tavlas P, **Maroulis I.**

**A giant ovarian mass in a 68-year-old female with persistent abdominal pain and elevated serum CA-125 level**

*Prz Menopauzalny.* 2020 Jul;19(2):108-110.doi: 10.5114/pm.2020.97870. Epub 2020 Jul 13. PMID: 32802022; PMCID: PMC7422285.

68: Mulita F, Parchas N, Germanos S, Papadoulas S, **Maroulis I.**

**Case Report of a Local Recurrence of Spindle Cell Embryonal Rhabdomyosarcoma**

*Med Arch.* 2020 Jun;74(3):240-242.

doi: 10.5455/medarh.2020.74.240-242. PMID: 32801444; PMCID: PMC7406004.

69: Papakonstantinou E, Androutsopoulos G, Logotheti S, Adonakis G, **Maroulis I,** Tzelepi V.

**DNA Methylation in Epithelial Ovarian Cancer: Current Data and Future Perspectives.**

*Curr Mol Pharmacol.* 2021;14(6):1013-1027.doi: 10.2174/1874467213666200810141858. PMID: 32778046.

70: Assimakopoulos SF, Papadopoulou I, Bantouna D, de Lastic AL, Rodi M, Mouzaki A, Gogos CA, Zolota V, **Maroulis I.**

**Fecal Microbiota Transplantation and Hydrocortisone Ameliorate Intestinal Barrier Dysfunction and Improve Survival in a Rat Model of Cecal Ligation and Puncture-Induced Sepsis.**

*Shock.* 2021 May 1;55(5):666-675.doi: 10.1097/SHK.0000000000001566. PMID: 32496421.

71: Kakkos SK, Tsolakis IA, Markopoulos G, **Maroulis I,** Koletsis E, Fligou F, Panagopoulos K, Papadoulas S, Lampropoulos G, Ntouvas I, Nikolakopoulos KM, Papageorgopoulou CP, Kouri A.

**Presentation patterns and prognosis of 109 isolated venous injuries in 99 patients.**

*Phlebology.* 2019 Dec;34(10):698-706.doi: 10.1177/0268355519837870. Epub 2019 Mar 16. PMID: 30880575.

## **INTERNATIONAL CONFERENCE PAPERS, PUBLICATIONS IN INTERNATIONAL CONFERENCE AND ABSTRACT VOLUMES**

1) Francesk Mulita, Konstantinos Panagopoulos, **Ioannis Maroulis,**

**Cancer Rate In Thyroid Nodules Classified As Bethesda Category Ii**

European Journal of Surgical Oncology Vol. 47 Issue 1 e18, <https://doi.org/10.1016/j.ejso.2020.11.086>

BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 21-23 November 2020

2) Francesk Mulita, Levan Tchabashvili, Elias Liolis, Nikoleta Oikonomou, **Ioannis Maroulis**

**Management Of Patients With Retroperitoneal Masses - A 10-Year Experience Of The Department Of Surgery Of University Hospital Of Patras**

European Journal of Surgical Oncology Vol. 47 Issue 1 e12 <https://doi.org/10.1016/j.ejso.2020.11.062>,

BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 21-23 November 2020

3) Francesk Mulita, Konstantinos Panagopoulos, **Ioannis Maroulis**

**Patient Outcomes Following Surgical Management Of Thyroid Nodules Classified As Bethesda Category Iii (Aus/Flus)**

European Journal of Surgical Oncology Vol. 47 Issue 1 e15-e16

<https://doi.org/10.1016/j.ejso.2020.11.078>, BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 21-23 November 2020

- 4) Francesk Mulita, Nikoleta Oikonomou, Elias Liolis, Levan Tchabashvili, **Ioannis Maroulis**  
**Appendix Tumors In Patients Undergoing Appendectomy For Appendicitis: A Retrospective Study**  
 European Journal of Surgical Oncology Vol. 47 Issue 1 e13  
<https://doi.org/10.1016/j.ejso.2020.11.066>, BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day ,London, UK, 21-23 November 2020
- 5) Francesk Mulita, Elias Liolis, Nikoleta Oikonomou, Levan Tchabashvili, **Ioannis Maroulis**, George Panos.  
**Value Of Butyrylcholinesterase As A Marker Of Surgical Site Infection Following Surgery For Colorectal Cancer**  
 European Journal of Surgical Oncology Vol. 47 Issue 1 e13-e14, <https://doi.org/10.1016/j.ejso.2020.11.070>  
 BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 21-23 November 2020
- 6) Francesk Mulita, Levan Tchabashvili, Elias Liolis, Admir Mulita, Georgios-Ioannis Verras, Ioannis Perdikaris, Panagiotis Tavlas, Charalampos Kaplanis, **Ioannis Maroulis**  
**POSTOPERATIVE ANALGESIA WITH PARACETAMOL, PARECOXIB AND PETHIDINE IN PATIENTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY**, Anesthesia & Analgesia | September 2021 • Volume 133 • Issue 3 • Supplement 2, [doi: 10.1213/01.ane.0000791544.44545.82](https://doi.org/10.1213/01.ane.0000791544.44545.82), 17th World Congress of Anaesthesiologists, Prague, 1-5 September 2021
- 7) Francesk Mulita, Levan Tchabashvili, Elias Liolis, Admir Mulita, Georgios-Ioannis Verras, Ioannis Perdikaris, Panagiotis Tavlas, Charalampos Kaplanis, **Ioannis Maroulis**  
**POSTOPERATIVE ANALGESIA WITH PARACETAMOL, PARECOXIB AND PETHIDINE IN PATIENTS UNDERGOING OPEN INGUINAL HERNIA REPAIR**  
 Anesthesia & Analgesia, September 2021, Volume 133, Issue 3, Supplement 2, [doi:10.1213/01.ane.0000791544.44545.82](https://doi.org/10.1213/01.ane.0000791544.44545.82), 17th World Congress of Anaesthesiologists, Prague, 1-5 September 2021
- 8) Francesk Mulita, Levan Tchabashvili, Elias Liolis, Admir Mulita, Georgios-Ioannis Verras, Ioannis Perdikaris, Panagiotis Tavlas, Charalampos Kaplanis, **Ioannis Maroulis**  
**Postoperative Analgesia With Paracetamol, Parecoxib And Pethidine In Patients Undergoing Thyroidectomy**  
 Anesthesia & Analgesia, September 2021, Volume 133, Issue 3, Supplement 2, [doi: 10.1213/01.ane.0000791544.44545.82](https://doi.org/10.1213/01.ane.0000791544.44545.82), 17th World Congress of Anaesthesiologists, Prague, 1-5 September 2021
- 9) Francesk Mulita, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Georgios-Ioannis Verras, Charalampos Kaplanis, **Ioannis Maroulis**  
**The Impact Of The Covid-19 Outbreak On Surgical Site Infections In Elective Colorectal Cancer Surgery- One Potential Benefit Of The Pandemic**  
 AJTES Vol 5, No 2, Supplement 5, November 2021, <https://doi.org/10.32391/ajtes.v5i2.5>  
 5th Albanian Congress of Trauma and Emergency Surgery, Tirana, Albania, 12-13 November 2021
- 10) Francesk Mulita, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Georgios-Ioannis Verras, Charalampos Kaplanis, **Ioannis Maroulis**  
**Butyrylcholinesterase As A Predictive Marker For Wound Infection In Elective Colorectal Surgery**  
 AJTES Vol 5, No 2, Supplement 5, November 2021, <https://doi.org/10.32391/ajtes.v5i2.5>  
 5th Albanian Congress of Trauma and Emergency Surgery, Tirana, Albania, 12-13 November 2021
- 11) Francesk Mulita, Elias Liolis, Levan Tchabashvili, Georgios-Ioannis Verras, Kerasia-Maria Plachouri, Charalampos Kaplanis, Fotios Iliopoulos, Stylianos Germanos, **Ioannis Maroulis**, Nikolaos Benetatos.  
**Mild-Term Outcomes In The Treatment Of Retroperitoneal Sarcomas: A 12-Year Single-Institution Experience**

European Journal of Surgical Oncology Vol. 48 Issue 1 e10–e11, <https://doi.org/10.1016/j.ejso.2021.11.052>  
BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 20-22 November 2021

12) Francesk Mulita, Georgios-Ioannis Verras, Elias Liolis, Levan Tchabashvili, Nikolaos Parchas, Christos Tsilivigkos, Fotios Iliopoulos, Charalampos Kaplanis, Ioannis Perdikaris, **Ioannis Maroulis**  
**Analgesic Effect Of Paracetamol Monotherapy Versus The Combination Of Paracetamol/Parecoxib In Patients Undergoing Thyroid Cancer Surgery**

European Journal of Surgical Oncology Vol. 48 Issue 1 e11, <https://doi.org/10.1016/j.ejso.2021.11.053>  
BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 20-22 November 2021

13) Francesk Mulita, Karolina Akinosoglou, Dimitrios Velissaris, George Panos, **Ioannis Maroulis**.  
**Correlation Between Surgical Site Infection And Tnm Classification Of Malignant Tumors After Colorectal Surgery: A Single-Center Prospective Study**

European Journal of Surgical Oncology Vol. 48 Issue 1 e11, <https://doi.org/10.1016/j.ejso.2021.11.054>  
BASO Annual Scientific (virtual) Meeting and BASO Skills/Trainees Day, London, UK, 20-22 November 2021

14) L. Tchabashvili, F. Mulita, E. Liolis, F. Seretis, C. Seretis, M. Vailas, K-M. Plachouri, K. Panagopoulos, N. Kritikos, **I. Maroulis**

**Total Versus Subtotal Thyroidectomy For The Management Of Differentiated Thyroid Carcinoma And Their Outcome On Early Postoperative Complications**

Annals of Oncology Vol. 32 Supplement 5, S1206 Published in issue: September 2021  
<https://doi.org/10.1016/j.annonc.2021.08.893>, ESMO Congress 2021, 16-21/9/2021

15) F. Mulita, L. Tchabashvili, E. Liolis, M. Vailas, K. Akinosoglou, **I. Maroulis**, G. Panos  
**Butyrylcholinesterase As A Predictive Marker For Wound Infection In Elective Colorectal Cancer Surgery**

Annals of Oncology Vol. 32 Supplement 5, S541–S542 Published in issue: September 2021  
<https://doi.org/10.1016/j.annonc.2021.08.934>, ESMO Congress 2021, 16-21/9/2021

16) F. Mulita, E. Liolis, L. Tchabashvili, M. Vailas, K. Akinosoglou, S. Assimakopoulos, **I. Maroulis**, G. Panos

**THE IMPACT OF THE COVID-19 OUTBREAK ON SURGICAL SITE INFECTIONS IN ELECTIVE COLORECTAL CANCER SURGERY: ONE POTENTIAL BENEFIT OF THE PANDEMIC?**

Annals of Oncology Vol. 32 Supplement 5, S1156 Published in issue: September, 2021  
<https://doi.org/10.1016/j.annonc.2021.08.1623>, ESMO Congress 2021, 16-21/9/2021

17) Charalampos Kaplanis, Francesk Mulita, Nikolas Drakos, Elina Ambalov, Stylianos Germanos, **Ioannis Maroulis**, Nikolaos Benetatos

**A Rare Case Of Primary Squamous Cell Carcinoma Of The Liver Presenting With Paraneoplastic Syndrome**

European Journal of Surgical Oncology Vol. 48 Issue 2 e131 Published in issue: February, 2022, <https://doi.org/10.1016/j.ejso.2021.12.240>, 40th Congress of the European Society of Surgical Oncology, Lisbon, 8-10 November 2021

18) Francesk Mulita, Konstantinos Tepetes, Dimitrios Velissaris, Georgios-Ioannis Verras, **Ioannis Maroulis**

**Perineal Colostomy After Abdominoperineal Resection For Rectal Cancer: Advantages And Disadvantages**

European Journal of Surgical Oncology Vol. 48 Issue 2 e105 Published in issue: February 2022, <https://doi.org/10.1016/j.ejso.2021.12.167>, 40th Congress of the European Society of Surgical Oncology Lisbon, 8-10 November 2021

- 19) Francesk Mulita, Georgios-Ioannis Verras, Christos Tsilivigkos, Elias Liolis, Levan Tchabashvili, Fotios Iliopoulos, **Ioannis Maroulis**  
**Analgesic Effect Of Acetaminophen Monotherapy Versus The Combination Of Acetaminophen/Pethidine In Patients Undergoing Thyroid Cancer Surgery**  
European Journal of Surgical Oncology Vol. 48 Issue 2 e121 Published in issue: February 2022, <https://doi.org/10.1016/j.ejso.2021.12.212>, 40th Congress of the European Society of Surgical Oncology Lisbon, 8-10 November 2021
- 20) Francesk Mulita, Charalampos Kaplanis, Nikolas Drakos, Elina Ambalov, Vasiliki Zolota, Nikolaos Benetatos, **Ioannis Maroulis**, Stylianos Germanos  
**Synchronous Development Of Intrahepatic Cholangiocarcinoma And Malt Lymphoma Of The Liver With Chronic B-Viral Hepatitis**  
European Journal of Surgical Oncology Vol. 48 Issue 2 e131 Published in issue: February 2022  
<https://doi.org/10.1016/j.ejso.2021.12.239>, 40th Congress of the European Society of Surgical Oncology Lisbon, 8-10 November 2021
- 21) Francesk Mulita, Georgios-Ioannis Verras, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Panagiotis Perdikaris, **Ioannis Maroulis**  
**A Significant Association Of The Apache Ii Physiological Score With The Development Of Complications In The Postoperative Colorectal Patient**  
AJTES Vol 6, No 2, Supplement 6, November 2022, <https://doi.org/10.32391/ajtes.v6i2.6>, 6th Albanian Congress of Trauma and Emergency Surgery, Tirana, Albania, 11-12 November 2022
- 22) Francesk Mulita, Georgios-Ioannis Verras, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Panagiotis Perdikaris, **Ioannis Maroulis**  
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- 23) Georgios-Ioannis Verras, Francesk Mulita, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Panagiotis Perdikaris, **Ioannis Maroulis**  
**The Simultaneous Use Of Apache Ii And News Ii Clinical Scores In Postoperative Monitoring Of The Colon And Rectum Surgical Patient**  
AJTES Vol 6, No 2, Supplement 6, November 2022, <https://doi.org/10.32391/ajtes.v6i2.6>, 6th Albanian Congress of Trauma and Emergency Surgery, Tirana, Albania, 11-12 November 2022
- 24) Georgios-Ioannis Verras, Francesk Mulita, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Panagiotis Perdikaris, **Ioannis Maroulis**  
**Development Of A Predictive Model For Surgical Site Infections In Colorectal Patients Based On Butyrylcholinesterase Plasma Levels**  
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- 25) Georgios-Ioannis Verras, Francesk Mulita, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Panagiotis Perdikaris, **Ioannis Maroulis**  
**Butyrylcholinesterase Levels As A Predictive Factor Of Septic Complications Development In The Postoperative Period Of Colorectal Patients: Univariate Analysis And Predictive Modeling**  
AJTES Vol 6, No 2, Supplement 6, November 2022, <https://doi.org/10.32391/ajtes.v6i2.6>, 6th Albanian Congress of Trauma and Emergency Surgery, Tirana, Albania, 11-12 November 2022



- 26) Georgios-Ioannis Verras, Francesk Mulita, Konstantinos Bouchagier, Vasiliki-Danai Dafnomili, George Skroubis, Dimitrios Velissaris, Karolina Akinosoglou, **Ioannis Maroulis**  
**The Usefulness Of The Apache Ii Score As A Prognostic Indicator Of Ssi Occurrence In Patients After Colorectal Surgery**  
European Journal of Surgical Oncology Vol. 49 Issue 1 e14 Published in issue: January 2023, <https://doi.org/10.1016/j.ejso.2022.11.079>, BASO Annual Scientific Meeting and BASO Skills/Trainees Day London, UK, 19-21 November 2022
- 27) Georgios-Ioannis Verras, Francesk Mulita, Konstantinos Bouchagier, Vasiliki-Danai Dafnomili, Ioannis Perdikaris, Panagiotis Perdikaris, Dimitrios Velissaris, Karolina Akinosoglou, **Ioannis Maroulis**  
**A Significant Association Of The Apache Ii Physiological Score With The Development Of Complications In The Postoperative Colorectal Patient**  
European Journal of Surgical Oncology Vol. 49 Issue 1 e14-e15 Published in issue: January 2023  
<https://doi.org/10.1016/j.ejso.2022.11.080>,  
BASO Annual Scientific Meeting and BASO Skills/Trainees Day, London, UK, 19-21 November 2022
- 28) Francesk Mulita, Georgios-Ioannis Verras, Konstantinos Bouchagier, Vasiliki-Danai Dafnomili, George Skroubis, Ioannis Perdikaris, Panagiotis Perdikaris, Dimitrios Velissaris, Karolina Akinosoglou, **Ioannis Maroulis**.  
**The Simultaneous Use Of Apache Ii And News Ii Clinical Scores In Postoperative Monitoring Of The Colon And Rectum Surgical Patient**  
European Journal of Surgical Oncology Vol. 49 Issue 1 e15 Published in issue: January 2023, <https://doi.org/10.1016/j.ejso.2022.11.081>, BASO Annual Scientific Meeting and BASO Skills/Trainees Day London, UK, 19-21 November 2022
- 29) Francesk Mulita, Georgios-Ioannis Verras, Konstantinos Bouchagier, Vasiliki-Danai Dafnomili, Ioannis Perdikaris, Panagiotis Perdikaris, Angelos Samaras, Andreas Antzoulas, Fotios Iliopoulos, Karolina Akinosoglou, Dimitrios Velissaris, Dimitrios Bousis, **Ioannis Maroulis**  
**Butyrylcholinesterase Levels As A Predictive Factor Of Septic Complications Development In The Postoperative Period Of Colorectal Patients: Univariate Analysis And Predictive Modeling**  
European Journal of Surgical Oncology Vol. 49 Issue 1 e15 Published in issue: January, 2023, <https://doi.org/10.1016/j.ejso.2022.11.083>, BASO Annual Scientific Meeting and BASO Skills/Trainees Day , London, UK, 19-21 November 2022
- 30) Georgios-Ioannis Verras, Francesk Mulita, Konstantinos Bouchagier, Vasiliki-Danai Dafnomili, George Skroubis, Ioannis Perdikaris, Levan Tchabashvili, Elias Liolis, Charalampos Kaplanis, Karolina Akinosoglou, Dimitrios Velissaris, **Ioannis Maroulis**.  
**“Development Of a Predictive Model For Surgical Site Infections In Colorectal Patients Based On Butyrylcholinesterase Plasma Levels”**  
European Journal of Surgical Oncology Vol. 49 Issue 1 e15 Published in issue: January, 2023 ,<https://doi.org/10.1016/j.ejso.2022.11.082>, BASO Annual Scientific Meeting and BASO Skills/Trainees Day London, UK, 19-21 November 2022

**Review for publication of papers from May 2019 - May 2024.**

<i>Journal</i>	<i>Number of Works</i>
Cancers	20
Journal of Clinical Medicine	20
International Journal of Molecular Sciences	2
Current Oncology	1
Diagnostics	1
Genes	1
Medical Sciences	1
Medicina	1

**Reviewer of Published Works 2023- 2024.**

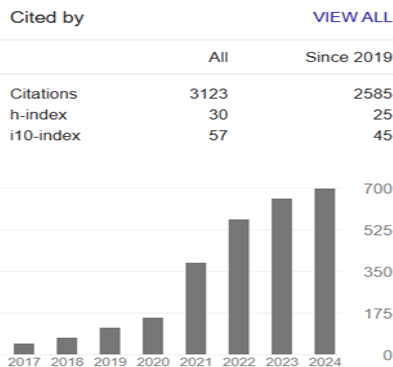
- *Machine Learning as a Tool for Early Detection: A Focus on Late-Stage Colorectal Cancer across Socioeconomic Spectrums*, Reviewed: Jan 2024 for Cancers.
- *Gestational weigh gain and the risks for the offspring: who is the ultimate carrier of the obesity burden? 2 rounds* from Dec 2023 to Dec 2023 for Journal of Clinical Medicine
- *Ensemble Deep Learning Model to Predict Lymphovascular Invasion in Gastric Cancer*, Reviewed: Dec 2023 for Cancers
- *Artificial Intelligence and Radiomics for Endometrial Cancer MRI: Exploring the Whats, Whys and Hows*, Reviewed: Dec 2023 for Journal of Clinical Medicine
- *Circulating Adipocytokines and Insulin Like-Growth Factors And Their Modulation In Obesity- Associated Endometrial Cancer*, Reviewed: Dec 2023 for Cancers
- *AI-Powered Segmentation of Invasive Carcinoma Regions in Breast Cancer Immunohistochemical Whole Slide Images*, Reviewed: Dec 2023 for Cancers
- *Patient-reported sexual function, bladder function and quality of life for patients with low rectal cancers with or without a permanent ostomy*, Reviewed: Nov 2023 for Cancers
- *The additional role of F-18 FDG PET/CT in characterizing MRI-diagnosed tumor deposits in locally advanced rectal cancer*, Reviewed: Nov 2023 for Cancers
- *Predictive Value of the Interaction between CEA and Hemoglobin in Neoadjuvant CCRT Outcomes in Rectal Cancer Patients*, Reviewed: Nov 2023 for Journal of Clinical Medicine
- *Technical and clinical outcomes of laparoscopic-laparotomic HCC thermal ablation with microwave technology: case series and review of literature*, Reviewed: Nov 2023 for Cancers
- *Hormone Receptor positive / HER2-positive breast cancer: hormone therapy and anti-HE treatment. An update of available non-chemotherapy treatment strategies*, Nov 2023 for Journal of Clinical Medicine
- *The antineoplastic effect of Heparin on Colorectal Cancer; A Review of the literature*, 2 rounds from Oct 2023 to Nov 2023 for Journal of Clinical Medicine
- *Does the superstructure material influence the inflammatory status of soft tissue during wound healing? Clinical study with biomarker analysis of the peri-implant crevicular fluid*, Reviewed: Nov 2023 for Journal of Clinical Medicine
- *Prognostic factors and treatment outcomes in patients with pleomorphic rhabdomyosarcoma: a population-based cohort study*, Reviewed: Nov 2023 for Cancers
- *Incorporating Novel Technologies in Precision Oncology for Colorectal Cancer: Advancing Personalized Medicine*, Reviewed: Nov 2023 for Cancers
- *Antibody drug conjugates in HR+ breast cancer: where are we now and where are we heading? ,* Reviewed: Oct 2023 for Journal of Clinical Medicine

- *Lymph node molecular analysis with OSNA enables to identify pT1 CRC patients at risk of recurrence. A multicentre study*, Reviewed: Oct 2023 for Cancers
- *The role of F-18 FDG PET/CT in characterizing MRI-diagnosed tumor deposits in locally advanced rectal cancer*, Reviewed: Oct 2023 for Cancers
- *The Significance of Preoperative Neutrophil-to-Lymphocyte Ratio (NLR), Platelet-to-Lymphocyte Ratio (PLR), and Systemic Inflammatory Index (SII) in Predicting Severity and Adverse Outcomes in Acute Calculous Cholecystitis*, Reviewed: Oct 2023 for Journal of Clinical Medicine
- *YAP1 expression in HR+HER2- breast cancer: 21-gene recurrence score analysis and public dataset validation*, Reviewed: Oct 2023 for Cancers
- *An investigation of the application of virtual reality-assisted exergaming on the rehabilitation of children with cerebral palsy: A systematic review and meta-analysis*, Oct 2023 for Journal of Clinical Medicine
- *Deep Learning for the Pathologic Diagnosis of Hepatocellular Carcinoma, Cholangiocarcinoma and Metastatic Colorectal Cancer*, Reviewed: Oct 2023 for Cancers
- *How thyroid surgery has changed in the last 25 years?* Reviewed: Oct 2023 for Journal of Clinical Medicine
- *Reimagining the Management of Chronic Pain: Moving Towards Person-Centred Care*, Oct 2023 for Journal of Clinical Medicine
- *Upfront Taxane Could Be Superior to Pegylated Liposomal Doxorubicin (PLD): A Retrospective Real-World Analysis of Treatment Sequence Taxane-PLD versus PLD-Taxane in Patients with Metastatic Breast Cancer*, Sep 2023 for Cancers
- *Pneumorrhachis Secondary to a Locally Advanced Rectal Cancer with Pre-Sacral Abscess. Case Report and Review*, Reviewed: Sep 2023 for Medicina
- *Impact of Internet Addiction, Social Media Use and Online Pornography on the Male Sexual Function in Times of the COVID-19 Pandemic*, Reviewed: Sep 2023 for Journal of Clinical Medicine
- *Identification of Breast Cancer Metastasis Markers Using Machine Learning Approaches with Gene Expression Profiles*, Reviewed: Sep 2023 for Genes
- *DNA mismatch repair gene variant classification: evaluating the utility of somatic mutations and mismatch repair deficient colonic crypts and endometrial glands*, Reviewed: Sep 2023 for Cancers
- *Screen-detected no-mass ductal carcinoma in situ of the breast in women aged 50-69 and younger patients*, Reviewed: Sep 2023 for Cancers
- *Multi-modal Imaging of Cancer Therapy-Related Cardiac Dysfunction in Breast Cancer - a state-of-the-art review*, Reviewed: Sep 2023 for Journal of Clinical Medicine
- *Negative Survival Impact of Occult Lymph Node Involvement in Small HER2-Positive Early Breast Cancer Treated by Up-Front Surgery*, Reviewed: Sep 2023 for Cancers
- *Low Anterior Resection Syndrome (LARS) after surgery for rectal cancer: inevitable price to pay for survival or preventable complication?*, Reviewed: Aug 2023 for Journal of Clinical Medicine
- *Inverted U-Shaped Relationship between Obesity Parameters and Bone Mineral Density in Korean Adolescents*, 2 rounds from Aug 2023 to Aug 2023 for Journal of Clinical Medicine
- *Age-related variations in postoperative pain intensity across 10 surgical procedures: A retrospective study of five hospitals*, 2 rounds from Aug 2023 to Aug 2023 for Journal of Clinical Medicine
- *Dielectric Characterization of Breast Biopsied Tissues as Pre-Pathological Aid in Early Cancer Detection: A Blinded Feasibility Study*, Reviewed: Aug 2023 for Diagnostics
- *Real time evaluation of thyroid cytology using new digital microscopy allows for sample adequacy assessment, morphological classification and supports molecular analysis*, Aug 2023 for Cancers
- *Research Progress of DcR3 in the Diagnosis and Treatment of Sepsis*, 2 rounds from Jul 2023 to Aug 2023 for International Journal of Molecular Sciences
- *Identification of Gene Expression in Different Stages of Breast Cancer with Machine Learning*, Reviewed: Aug 2023 for Cancers
- *Concurrence of Adenomyoepithelioma of Breast and Gastrointestinal Stromal Tumor of Stomach: A case report and Review of Literature*, Reviewed: Aug 2023 for Medical Sciences
- *Management for PTMC: From the old academic rule to the awareness patient choice. The place of the Thyroid Thermal Ablation Techniques*, Reviewed: Jul 2023 for Current Oncology

## BRIEF PRESENTATION OF A RESEARCH PROJECT

<b>TOTAL NUMBER OF PAPERS IN SCIENTIFIC JOURNAL AND CONFERENCES</b>	261
<b>TOTAL PUBLICATIONS IN SCIENTIFIC JOURNALS AFTER CRISIS</b>	164
Publications in journals within Pubmed	103
Abstracts in international journals	46
Publications in journals outside Pubmed	15
Publications in Greek journals	8
Announcements in Greek Conferences	89
<b>Candidate series between authors in full publications</b>	
1 <sup>st</sup>	3
2 <sup>nd</sup>	7
Last:	27
Responsible Author	29
<b>CITATIONS' NUMBER (Google Scholar)</b>	2618
Number of citations to journal publications in PubMed	2483
Number of citations to conference abstracts published in PubMed journals	19
<b>TOTAL IMPACT FACTOR OF JOURNALS IN PUBMED</b>	691,5
<b>AVERAGE IMPACT FACTOR OF JOURNALS IN PUBMED</b>	6,71
<b>h-INDEX (Google Scholar)</b>	26
Number of citations to journal publications in Scopus	1344
<b>h-INDEX (Scopus)</b>	21
Number of journals (REVIEWER)	8
<b>REVIEWER</b>	47
<b>EDITOR</b>	3
<b>SPECIAL ISSUE'S EDITOR</b>	1
<b>TOTAL BOOKS</b>	5
Printed Books	4
Electronic Book	1

### Google Scholar



### PubMed



### Scopus

