



Alexandros Liatsos

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🔍 Google Scholar: <https://scholar.google.gr/citations?user=ZkaiAbAAAAAJ&hl=el&oi=ao>

🔍 PubMed ID: [https://pubmed.ncbi.nlm.nih.gov/?term=\(Liatsos+Alexandros\)+NOT+\(Liatsos+AD\)&sort=](https://pubmed.ncbi.nlm.nih.gov/?term=(Liatsos+Alexandros)+NOT+(Liatsos+AD)&sort=)

Date of birth: 3/1/2000 Nationality: Greek

WORK EXPERIENCE

[1/4/2024 – Current]

Co-assisting doctor (Unterassistent) in Surgery and Neurosurgery

University Hospital of Bonn (UKB)

City: Bonn | Country: Germany

[1/12/2021 – 31/12/2021]

Internship in the application of new technologies in healthcare

Hellenic Society of Biomedical Technology

City: Thessaloniki | Country: Greece

[1/10/2021 – Current]

Associate of the Laboratory of Histology - Embryology

Faculty of Medicine, Aristotle University of Thessaloniki

City: Thessaloniki | Country: Greece

[1/10/2018 – Current]

Student, Faculty of Medicine (6th year)

Aristotle University of Thessaloniki

City: Thessaloniki | Country: Greece

[4/9/2018 – Current]

Cadet of the Medical Department (VI Class)

Hellenic Military Academy of Combat Support Officers (HMACSO - SSAS)

City: Thessaloniki

EDUCATION AND TRAINING

[1/10/2018 – Current]

Undergraduate Student, Faculty of Medicine (6th year – current performance: 9.31/10)

Aristotle University of Thessaloniki <https://www.med.auth.gr/en>

City: Thessaloniki | Country: Greece |

[4/9/2018 – Current]

Cadet of the Medical Department (VI Class)

Hellenic Military Academy of Combat Support Officers (HMACSO - SSAS) <https://ssas.army.gr/en/archiki-en/>

City: Thessaloniki | Country: Greece |

[1/9/2015 – 30/6/2018]

Baccalaureate (Grade: "Excellent", 20/20)

1st General Lyceum of Patras

City: Patras | Country: Greece |

PUBLICATIONS

The role of micro-CT for intraoperative margin assessment of breast cancer

Vasigh, M., Meshkati Yazd, S. M., Papazoglou, A. S., **Liatsos, A.**, Ranjbar, K., Bleicher, R. J., Williams, A. D., Cruz Pico, C. X., Pierotti, M. L., & Michaelson, J. (2023). The role of micro-CT for intraoperative margin assessment of breast cancer. *Journal of Clinical Oncology*, 41(16_suppl), e13620–e13620. https://doi.org/10.1200/JCO.2023.41.16_suppl.e13620

Right Ventricular Global Longitudinal Strain and Short-Term Prognosis in Patients With First Acute Myocardial Infarction

Anastasiou V, Daios S, Moysidis DV, Zegkos T, **Liatsos AC**, Stalikas N, Didagelos M, Tsalikakis D, Sarafidis P, Delgado V, Savopoulos C, Ziakas A, Kamperidis V. Right Ventricular Global Longitudinal Strain and Short-Term Prognosis in Patients With First Acute Myocardial Infarction. Am J Cardiol. 2023 Oct 15;205:302-310. doi: 10.1016/j.amjcard.2023.08.006.

Artificial intelligence-based mining of electronic health record data to accelerate the digital transformation of the national cardiovascular ecosystem: design protocol of the CardioMining study

Samaras A, Bekiaridou A, Papazoglou AS, Moysidis DV, Tsoumakas G, Bamidis P, Tsigkas G, Lazaros G, Kassimis G, Fragakis N, Vassilikos V, Zarifis I, Tziakas DN, Tsioufis K, Davlouros P, Giannakoulas G; CardioMining Study Group (*among whom Liatsos A.*). Artificial intelligence-based mining of electronic health record data to accelerate the digital transformation of the national cardiovascular ecosystem: design protocol of the CardioMining study. BMJ Open. 2023 Apr 3;13(4):e068698. doi: 10.1136/bmjopen-2022-068698.

Association of clinical, laboratory and imaging biomarkers with the occurrence of acute myocardial infarction in patients without standard modifiable risk factors - rationale and design of the "Beyond-SMuRFs Study"

Moysidis DV, Daios S, Anastasiou V, **Liatsos AC**, Papazoglou AS, Karagiannidis E, Kamperidis V, Makedou K, Thisiadou A, Karalazou P, Papadakis M, Savopoulos C, Ziakas A, Giannakoulas G, Vassilikos V, Giannopoulos G. Association of clinical, laboratory and imaging biomarkers with the occurrence of acute myocardial infarction in patients without standard modifiable risk factors - rationale and design of the "Beyond-SMuRFs Study". BMC Cardiovasc Disord. 2023 Mar 23;23(1):149. doi: 10.1186/s12872-023-03180-4.

Volumetric Tissue Imaging of Surgical Tissue Specimens Using Micro-Computed Tomography

Papazoglou AS, Karagiannidis E, **Liatsos A**, Bompoti A, Moysidis DV, Arvanitidis C, Tsolaki F, Tsagkaropoulos S, Theocharis S, Tagarakis G, Michaelson JS, Herrmann MD. Volumetric Tissue Imaging of Surgical Tissue Specimens Using Micro-Computed Tomography. Am J Clin Pathol. 2022 Dec 8;aqac143. doi: 10.1093/ajcp/aqac143.

CHAPTERS IN SCIENTIFIC BOOKS

Atrial Septal Defect

Moysidis, D.V., Gemousakakis, E., **Liatsos, A.**, Tsagkaris, C., Papazoglou, A.S. (2023). Atrial Septal Defect. In: Tagarakis, G., Gheni Sarfan, A., Hashim, H.T., Varney, J. (eds) Clinical and Surgical Aspects of Congenital Heart Diseases. Springer, Cham. https://doi.org/10.1007/978-3-031-23062-2_5

Immunohistochemical study of expression of IL6 and TGF-b2 in the central nervous system following cisplatin administration and the protective effect of SE and MG

Immunohistochemical study of expression of IL6 and TGF-b2 in the central nervous system following cisplatin administration and the protective effect of SE and MG, 13th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2024

Immunohistochemical profile of the placenta in cases of recurrent miscarriages: a three-year experimental study and comparative study of IL-12 expression

Immunohistochemical profile of the placenta in cases of recurrent miscarriages: a three-year experimental study and comparative study of IL-12 expression, 13th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2024

Experimental study protocols for recurrent miscarriages

Experimental study protocols for recurrent miscarriages, 13th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2024

Immunotherapy in head-neck squamous cell carcinomas (HNSCC)

Immunotherapy in head-neck squamous cell carcinomas (HNSCC), 12th Conference of the Hellenic and International Society of Molecular Targeted and Personalized Treatments (HISMTPT), Athens, June 2023

18F-FDG-PET/CT in the investigation of limbic encephalitis: a small series of cases

18F-FDG-PET/CT in the investigation of limbic encephalitis: a small series of cases, 16th Panhellenic Congress of Nuclear Medicine, Alexandroupolis, May 2023

Imaging of crosses cerebellar diaschisis with 18F-FDG-PET/CT

Imaging of crosses cerebellar diaschisis with 18F-FDG-PET/CT, 16th Panhellenic Congress of Nuclear Medicine, Alexandroupolis, May 2023

Immunological and molecular causes of spontaneous abortions

Immunological and molecular causes of spontaneous abortions, 29th Scientific Conference of Hellenic Medical Students (SCHMS), Alexandroupolis, May 2023

Diagnostic investigation of epileptic seizures

Diagnostic investigation of epileptic seizures, Round Table THESS09: Neurology, 29th Scientific Conference of Hellenic Medical Students (SCHMS), Alexandroupolis, May 2023

Histological and immunohistochemical study of placental tissue in cases with recurrent pregnancy loss

Histological and immunohistochemical study of placental tissue in cases with recurrent pregnancy loss, First Thessaloniki-Varna Research Seminars, Webinar, April 2023

Biosecurity and bioterrorism: new pathogens in the spotlight?

Biosecurity and bioterrorism: new pathogens in the spotlight?, 12th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2023

Ultramicroscopic and immunohistochemical nephrotoxicity study following intravitreal administration of the antifungal agents voriconazole and micafungin to white New Zealand rabbits

Ultramicroscopic and immunohistochemical nephrotoxicity study following intravitreal administration of the antifungal agents voriconazole and micafungin to white New Zealand rabbits, 12th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2023

Immunohistochemical study of expression of immune markers IL33 and IL35 in spontaneous abortion material

Immunohistochemical study of expression of immune markers IL33 and IL35 in spontaneous abortion material, 12th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2023

Immunohistochemical study of the expression of the immunological markers IL33 and IL35 on CNS after intraperitoneal injection of amikacin and memantine in wistar rats

Immunohistochemical study of the expression of the immunological markers IL33 and IL35 on CNS after intraperitoneal injection of amikacin and memantine in wistar rats, 12th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2023

War spinal trauma

War spinal trauma, Round Table "Spinal Injuries and their Treatment", 28th Hellenic Armed Forces Medical Conference, Thessaloniki, November 2022

Invasive methods of treatment of lumbar spine diseases

Invasive methods of treatment of lumbar spine diseases, Round Table "Spinal Injuries and their Treatment", 28th Hellenic Armed Forces Medical Conference, Thessaloniki, November 2022

Presentation of a rare case of postoperative lumbar microdiscectomy

Presentation of a rare case of postoperative lumbar microdiscectomy, Round Table "Spinal Injuries and their Treatment", 28th Hellenic Armed Forces Medical Conference, Thessaloniki, November 2022

Transient ischemic attack in carotid artery disease

Transient ischemic attack in carotid artery disease, Round Table THESS10: Neurology, 28th Scientific Conference of Hellenic Medical Students (SCHMS), Athens, May 2022

Clinical applications of Micro-CT

Clinical applications of Micro-CT, 25th Interuniversity Congress of Radiology, Ioannina, May 2022

Evaluation of the internship of students of the medical department of the Aristotle University of Thessaloniki during the Covid-19 pandemic and investigation of the technologies used

Evaluation of the internship of students of the medical department of the Aristotle University of Thessaloniki during the Covid-19 pandemic and investigation of the technologies used, 11th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2022

The usefulness of AI for predicting outcome in hospitalized cardiac patients: rationale and design of the CardioMining-AI study

The usefulness of AI for predicting outcome in hospitalized cardiac patients: rationale and design of the CardioMining-AI study, 11th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2022

Renal histological lesions during intravitreal administration of the antifungal drugs voriconazole and micafungin to New Zealand rabbits

Renal histological lesions during intravitreal administration of the antifungal drugs voriconazole and micafungin to New Zealand rabbits, 11th Conference of the Aristotle University of Thessaloniki School of Medicine, March 2022

Medulloblastoma

Medulloblastoma, Round Table "Brain Tumors", 2nd Masterclass in Oncology, Larissa 2021

EUROPEAN AND INTERNATIONAL CONFERENCES

Ultrastructural study of the effect of salicylic acid in wistar rats' retina and the role of NMDA receptor blockers

Ultrastructural study of the effect of salicylic acid in wistar rats' retina and the role of NMDA receptor blockers, Black Sea Neurogenesis 2023, Albena, June 2023

Approaching combat-related spinal trauma

Approaching combat-related spinal trauma, 25th Balkan Military Medical Committee Congress, Albena, May 2023

Association of peak axial longitudinal strain with right ventricular performance and short-term prognosis in patients with first acute coronary syndrome

Association of peak axial longitudinal strain with right ventricular performance and short-term prognosis in patients with first acute coronary syndrome, European Association of Cardiovascular Imaging (EACVI) Congress 2023, Barcelona, May 2023

Right ventricular global longitudinal strain and short-term prognosis in patients with first acute coronary syndrome

Right ventricular global longitudinal strain and short-term prognosis in patients with first acute coronary syndrome, European Association of Cardiovascular Imaging (EACVI) Congress 2023, Barcelona, May 2023

Moyamoya disease and embryogenesis: a review

Moyamoya disease and embryogenesis: a review, 4^o European Autism Conference, Online Congress, May 2022

RESEARCH PROJECTS AND TEAMS

Cardio-Mining AI registry (NCT05176769)

Cardio-Mining AI registry ([NCT05176769](https://clinicaltrials.gov/ct2/show/NCT05176769)) [AHEPA University Hospital of Thessaloniki (Department of Cardiology), Prof. George Giannakoulas]

Link: <https://classic.clinicaltrials.gov/ct2/show/NCT05176769>

Histologistas

Aristotle University of Thessaloniki research team ["Histologistas"](https://histologistas.com)

Link: <https://histologistas.com>

iGEM Thessaloniki

Aristotle University of Thessaloniki research team iGEM Thessaloniki 2024

HONOURS AND AWARDS

Hellenic Military Academy of Combat Support Officers (HMACSO - SSAS)

- **Head of Academy – Commanding Cadet (best performance)** during the academic year 2023-2024
- **Head of Class Medical Department (best performance)** for 5 consecutive years (2nd - 6th year of studies: 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024)
- Academic excellence for 5 consecutive years (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023)
- Military excellence for 3 consecutive years (2020-2021, 2021-2022, 2022-2023)

Aristotle University of Thessaloniki

- **Award for the best internship performance** at the Faculty of Medicine of the Aristotle University of Thessaloniki in the academic year 2021-2022, Thessaloniki, September 2023
- **Award for the best academic performance** among fellow students (9.54/10) in the 4th year of studies at the Faculty of Medicine of the Aristotle University of Thessaloniki in the academic year 2021-2022, Thessaloniki, March 2023

Conferences

- **Award (1st prize)** for the Best Scientific Presentation, 13th Conference of the School of Medicine, Aristotle University of Thessaloniki, March 2024
- **Award (1st prize)** for Best National Cadet Presentation, 25th Balkan Military Medical Committee Congress, Albena, May 2023
- **Award (1st prize)** for Best Scientific Poster, 12th Conference of the School of Medicine, Aristotle University of Thessaloniki, March 2023
- **Award (1st prize)** for the best scientific presentation, 12th Conference of the School of Medicine, Aristotle University of Thessaloniki, March 2023
- **Award (3rd prize)** in the Innovation and Entrepreneurship Competition for the project "CardioMining-AI", 11th Conference of the School of Medicine of the Aristotle University of Thessaloniki, March 2022

Other

- Award for Adult Poetry, 19th Literary Competition of the Society for Art, Science and Culture of Keratsini, October 2019
- 1st prize (gold medal) at the Grand Prix of Natural Sciences, Patras, May 2018
- Award at the 3rd Panhellenic Poetry Competition of the Archive of History and Art, September 2017
- Award for music composition at the Panhellenic and Pancyprrian Music Competition of the Association of Greek Writers for the year 2016-2017, Athens, February 2017
- Award in the 35th Panhellenic (63rd European) European School Day 2015 Competition, November 2016
- 3rd prize (bronze medal) at the Grand Prix of Natural Sciences, Patras, May 2016
- 1st Prize at the 2nd Language and Literature Competition of the Achaia Universities, Patras, April 2016

MANAGEMENT AND LEADERSHIP SKILLS

Head of Academy – Commanding Cadet during the academic year 2023-2024

Head of Class Medical Department for 5 consecutive years (2.-6. year of studies: 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024)

SCIENTIFIC COURSES AND SEMINARS

Erasmus Mobility

- **Erasmus+ for Studies at the University Hospital of Bonn (UKB)**, Bonn, April-June 2024
- Biosafety and Bioterrorism (*Common Module within the framework of Military Erasmus from the European Security and Defence College*), Thessaloniki, February-March 2022
- Basics of Crisis Management Operations (*Common Module within the framework of Military Erasmus from the European Security and Defence College*), Wiener Neustadt, November 2021

First Aid – Life Support

- Advanced Trauma Life Support (**ATLS**) Provider (*from American College of Surgeons*), Patras, February 2024
- Advanced Life Support (**ALS**) Provider (*from European Resuscitation Council*), Thessaloniki, January 2024
- Immediate Life Support (ILS) Provider (*from European Resuscitation Council*), Thessaloniki, December 2023
- Basic Life Support (BLS) Provider (*from European Resuscitation Council*), Thessaloniki, September 2022

Medical

- Two-day conference "Neurotalks" and workshop "Basic Neurosurgical Skills" (*from the Thessaloniki Department of the Scientific Society of Medical Students of Greece*), Thessaloniki, December 2023
- 7th ABCS3 – 7th Applied Basic Clinical Seminar, with Scenarios, for Students (*from the Thessaloniki Department of the Scientific Society of Medical Students of Greece in collaboration with the Hellenic Society of Medical Education*), Thessaloniki, April 2023
- 14th workshop with practical training: "Surgical techniques for suturing and treating wounds" (*from the Plastic Surgery Clinic of Papageorgiou General Hospital*), Thessaloniki, April 2023
- Seminar on Trauma Suture (*from the Scientific Society of Medical Students of Greece in collaboration with the Laboratory of Anatomy and Surgical Anatomy, Aristotle University of Thessaloniki*), Thessaloniki, March 2023
- 6th ABCS3 – 6th Applied Basic Clinical Seminar, with Scenarios, for Students (*from the Thessaloniki Department of the Scientific Society of Medical Students of Greece in collaboration with the Hellenic Society of Medical Education*), Thessaloniki, May 2022

Other

- **HelloAI Advanced RIS** (*from European Institute of Innovation & Technology – EIT*), December 2023
- Writing academic papers in German (*from the Centre for Foreign Language Didactics, Aristotle University of Thessaloniki*), Thessaloniki, October 2022 - January 2023
- Irrationality and Pseudoscience: A Lesson for the Citizen of Our Time (*from the Mathesis Center for Open Online Courses of the University Press of Crete of the Foundation for Research and Technology-Hellas*), online participation, December 2022 – January 2023

NETWORKS AND MEMBERSHIPS

Scientific Society of Hellenic Medical Students (SSHMS)

Link: <http://www.eefie.org/en/>

Incision Greece

Link: <https://www.facebook.com/incisiongr/>

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

German

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

French

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL AND COMPUTER SKILLS

Operational Systems

- Windows and MacOS

Microsoft Office

- Word
- PowerPoint
- Excel

Statistical Analysis

- SPSS
- Jamovi

HOBBIES AND INTERESTS

Dance

- Participation in traditional dance clubs

Music

- Bouzouki Diploma with the grade "Excellent", Sotiropoulou Conservatory, Patras, 2013
- Participation in choral ensembles and engagement with ecclesiastical singing

Sport

- Participation in football team "Davourlis FC", 2007-2015, Patras, Greece

Article Writing

- Journal of the Hellenic Military Academy of Combat Support Officers "Approaches"

DRIVING LICENCE

Cars: B

REFERENCES

Available upon request