
CURRICULUM VITAE

SURNAME	Pontikis
NAME	Konstantinos
FATHER'S NAME	Panagiotis
DATE OF BIRTH	June 11, 1973
PLACE OF BIRTH	Athens, Greece
MARITAL STATUS	Married with two children
HOME ADDRESS	78, Parnithos St., 152 35 Vrilissia
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TITLES, UNDER- AND POST-GRADUATE STUDIES

09/1992-11/1998 **Degree**

Medical Degree, with honors (7.21/10) School of Medicine, National and Kapodistrian University of Athens (NKUA)

01/2007 **Specialization in Internal Medicine**

During my specialization, I initially served at the 2nd Internal Medicine Clinic of the General Hospital of Attica "Sismanogleio" (Director: Ch. Kavakas) and subsequently at the 4th Internal Medicine Clinic of NKUA, successively at the General County Hospital "Sismanogleio" and the University General Hospital "Attikon" (Director: Prof. E. Giamarellou).

07/2010 **Specialization in Intensive Care**

For my specialization in intensive care, I was appointed, following a Ministry of Health announcement and interview, to the University General Hospital "Attikon", specifically to the 2nd Intensive Care Unit of NKUA (Director: Professor A. Armaganidis).

09/2010 **Certificate of Proficiency in Pre-Hospital Emergency Medicine (PHM)**

This is a postgraduate program (I attended the 15th) organized by the National Emergency Center, aimed at providing emergency medical care in the pre-hospital setting. Selection of participants is based on prior medical education related to PHM, age, prior experience in PHM services, and a related interview. The theoretical and practical part of my training has been completed and I was awarded the title after written and oral examinations.

04/2013 **Award of the title of Doctor of Philosophy in Internal Medicine-Infectious Diseases of the School of Medicine of NKUA with honors.**

The topic of my doctoral dissertation was: "Evaluation of the efficacy of tigecycline in an experimental model of enterococcal endocarditis."

CLINICAL EXPERIENCE

02/1999-07/2000	Rural Health Service
07/2000-01/2002	Military service as a medical officer
03/2002-05/2003	Internal medicine resident at the 2nd Pathology Clinic, Sismanogleio General Hospital of Attica, Athens (Director: Ch. Kavakas, Internal Medicine)
02/2003-05/2003	During my internal medicine residency, I served as a physician in the Blood Transfusion Department - Hematological Diseases Clinic , Sismanogleio General Hospital of Attica, Athens. I gained clinical experience in hematology and acquired skills in performing related invasive procedures. I received excellent recommendations from the director (Director: Honorary Associate Professor G. Kokkini, Internal Medicine-Hematology)
05/2003-08/2003	Internal Medicine Resident , 4th Internal Medicine Clinic, NKUA, Sismanogleio Hospital, Athens. Supervisor: Prof. E. Giamarellou (Internal Medicine-Infectious Diseases).
08/2003-12/2006	Internal Medicine Resident , 4th Internal Medicine Clinic, NKUA, Attikon Hospital, Athens. Supervisor: Prof. E. Giamarellou (Internal Medicine-Infectious Diseases)
01/2007-06/2007	External Collaborator at the 4th Internal Medicine Clinic of the National and Kapodistrian University of Athens (NKUA), Attikon University General Hospital, Athens. Working under the supervision of Professor E. Giamarellou, specializing in Internal Medicine with a focus on Infectious Diseases
06/2007-03/2008	Senior House Officer (SHO) in Internal Medicine, 4th Internal Medicine Clinic, NKUA, Attikon Hospital, Athens. Rotated through Infectious Diseases and General Internal Medicine
01/2007-03/2008	Infectious Diseases Team Member , Attikon Hospital, under the supervision of Prof. E. Giamarellou
03/2008-04/2010	Intensive Care Medicine Fellow , 2nd ICU, NKUA, Attikon Hospital. Supervisor: Prof. A. Armaganidis
06/2010- 06/2011	Staff Physician (equivalent to Senior Registrar) in the Department of Internal Medicine and Intensive Care, at the 1st Pulmonary Medicine Clinic of the National and Kapodistrian University of Athens, 'Sotiria' Chest Diseases Hospital. Assigned to the Intensive Care Unit (ICU) under the supervision of Associate Professor M. Alchanatis (Pulmonology) and ICU Director Associate Professor A. Koutsoukou (Pulmonology, Intensive Care)

06/2011- 07/2014	Medical Officer at the Hellenic Center for Disease Control and Prevention (HCDC) on a two-year contract, assigned to serve as a Senior Registrar in Internal Medicine and Intensive Care at the 1st Pulmonary Medicine Clinic, 'Sotiria' Chest Diseases Hospital. Assigned to the Intensive Care Unit (ICU) under the supervision of Professor N. Koulouris (Pulmonology) and ICU Director Associate Professor A. Koutsoukou (Pulmonology, Intensive Care).
07/2014- 11/2016	Consultant B (of the National Health System of Greece) at the 1st Pulmonary Medicine Clinic of the National and Kapodistrian University of Athens, 'Sotiria' Chest Diseases Hospital. Assigned to the Intensive Care Unit (ICU) under the supervision of Professor N. Koulouris (Pulmonology) and ICU Director Associate Professor A. Koutsoukou (Pulmonology, Intensive Care).
11/2016- 08/2025	Consultant A at the 1st Pulmonary Medicine Clinic of the National and Kapodistrian University of Athens, 'Sotiria' Chest Diseases Hospital. Assigned to the Intensive Care Unit (ICU) under the supervision, successively, of Professors N. Koulouris, A. Koutsoukou, and P. Bakakos (Pulmonology)
08/2025 – now	Assistant Professor of Intensive Care Medicine at the University of Crete, University Hospital of Heraklion under the supervision of Professor E. Kondyli (Intensive Care Medicine)

SUMMARY OF STUDIES AND CLINICAL WORK

In November 1998, I received my medical degree from the National and Kapodistrian University of Athens (NKUA) with a grade of "Very good." I served as a rural physician at the Medical Office of Glyfa, Fthiotida between February 1999 and July 2000. Subsequently, I completed my military service as a medical officer until January 2002. In March 2002, I began my specialization in Internal Medicine at the Sismanogleio General Hospital of Attica, in the Second Medical Clinic under the direction of Dr. Ch. Kavakas. Due to my particular interest in the field of infectious Diseases, I transferred to the Fourth Medical Clinic of NKUA, under the direction of Professor Eleni Giamarellou, which was based in the same hospital. I followed the clinic during its relocation to the University General Hospital "Attikon" in August 2003.

I completed my specialization in Internal Medicine in December 2006. After obtaining my specialty title in January 2007, due to my aforementioned interest in the field of infectious diseases and my performance during my specialization, I remained at the Fourth Medical Clinic of NKUA for more than a year, initially as an unpaid external collaborator and subsequently as an assistant physician with the duties of an Associate Specialist. During this period, I worked both in the General Internal Medicine department and in the Infectious Diseases Unit, a department that primarily deals with complicated infections, both hospital-acquired and community-acquired.

In March 2008, I was assigned for specialization in the Second Intensive Care Clinic of NKUA, which was (and still is) based at the University General Hospital "Attikon," under the direction of Professor Apostolos Armaganidis. I completed my specialization in April 2010 and three months later received the title of specialization in Intensive Care.

From June 2010 to the present, I have been serving in the (then newly established) Intensive Care Unit of the First Pulmonary Medicine Clinic of NKUA, initially as a staff physician with the duties of an Consultant B and subsequently as a HCDC physician with a two-year contract (which was renewed once) and the duties of a Consultant B. In July 2014, I was appointed to the rank of Consultant B, and in November 2016, I was promoted to the rank of Senior Specialist (Consultant A), which I hold to this day. Almost all of my service in the aforementioned ICU was under the direction of Professor Antonia Koutsoukou.

A particular characteristic of my clinical presence is the provision of advice on infectious diseases (hospital-acquired and community-acquired) and the selection of antimicrobials. In addition, I have contributed to infection prevention through educational processes and the development of an active surveillance system for bloodstream infections.

During the pandemic, I participated in the unit's initiative to develop a program of extracorporeal veno-venous membrane oxygenation. I was trained at centers of excellence abroad and participated in the clinical care of more than 20 patients undergoing veno-venous extracorporeal oxygenation during the pandemic and afterwards.

SUMMARY OF RESEARCH AND ACADEMIC EXPERIENCE

My primary research interests lie in the field of infectious diseases and clinical microbiology, with a particular focus on critically ill patients. Specifically, I am interested in the treatment of (primarily hospital-acquired) infections, the identification of prognostic factors for infection or the outcome of infectious diseases, and the application of epidemiological research, especially multicenter studies, as demonstrated by my collaborative research efforts.

Even during my undergraduate years, my professional, research, and educational goals were focused on the field of infections in critically ill patients. Within this context, and taking advantage of the advanced coursework of the *internal assistant*, I received training for one month during the undergraduate course of intensive care at the First Intensive Care Clinic of the National and Kapodistrian University of Athens, at the General Hospital of Athens "Evangelismos." I completed a research essay titled "Infectious Endocarditis in the Intensive Care Unit" under the supervision of Professor S. Nanas.

Within this context, I pursued a specialization in Internal Medicine in a clinic with a focus on infectious diseases. As such, I specialized at the Fourth Internal Medicine Clinic of NKUA, under the direction of Professor E. Giamarellou. During my specialization, I began my doctoral dissertation at the Medical School of NKUA, titled: "Evaluation of the efficacy of tigecycline in an experimental model of enterococcal endocarditis." During my dissertation, I had the opportunity to delve into the field of preclinical research in animals (rabbits). Secondly, I became familiar with numerous in vitro microbiological techniques and procedures. Thirdly, I studied in depth the mechanisms of microbial resistance, given that the microbial strains I experimented with were clinical strains with multiple mechanisms of resistance to antimicrobials. Finally, I was practically confronted with issues of pharmacokinetics/pharmacodynamics and the effectiveness of antibiotics, which in the long term helped me in my daily clinical practice. My dissertation was defended in April 2013 and was graded with "Excellent." The results were published in the prestigious international journal "Antimicrobial Agents and Chemotherapy."

During my fellowship in intensive care, one of my main research areas was that of the pharmacokinetics of antibiotics (and colistin in particular) in the critically ill. I was a member of the respective team of the University Hospital 'Attikon' in collaboration with researchers from the Karolinska Institute. These studies provided the basis for the prescription of a loading dose of colistin, when used for the treatment of severely ill patients. The publication: *Mohamed AF et al. Application of a loading dose of colistin methanesulfonate in critically ill patients: population pharmacokinetics, protein binding, and prediction of bacterial kill. Antimicrob Agents Chemother. 2012 Aug;56(8):4241-9* is indicative of my participation.

Apart from colistin, I also conducted collaborative research on the underutilized antibiotic fosfomycin. As the coordinator of a multi-center clinical trial sponsored by the Hellenic Society of Chemotherapy, I contributed to a significant publication in the International Journal of Antimicrobial Agents. This research, involving 11 centers, has become a cornerstone in the field of fosfomycin research.

A significant part of my research activity involves international, multicenter, interventional, controlled randomized trials. Since 2013, I have participated as a research associate in 11 such studies, which are referenced in the relevant section of this document. In these studies, more than 30 patients were randomized thanks to the efforts of myself and the entire team. The experience I gained conducting the CARE study on the new antibiotic plazomicin was particularly significant. Following a recommendation from colleagues and an interview with the study sponsor, I was assigned the role of national coordinator, with responsibilities including communication with centers, on-site visits, and providing advice to the sponsor. My tenure was successful, and I participated in advisory visits to two centers in Turkey (Karadeniz Technical University, Trabzon, Prof. I. Koksall and Hacettepe University School of Medicine, Ankara, Prof. M. Akova) as part of the study. My contribution was recognized by

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being included in the list of collaborators (the only one among non-principal investigators) in the relevant publication in the New England Journal of Medicine.

My involvement in this category of studies has recently culminated in my appointment as the principal investigator in the study titled:: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED MULTICENTER STUDY TO EVALUATE THE EFFICACY AND SAFETY OF CAL02 ADMINISTERED INTRAVENOUSLY IN ADDITION TO STANDARD OF CARE IN SUBJECTS WITH SEVERE COMMUNITY-ACQUIRED BACTERIAL PNEUMONIA (SCABP).

A significant priority for me is multicenter research, including within Greece. In this context, I participated in an organizational role in the Bact.gr study of the Hellenic Society of Intensive Care, which recorded bloodstream infections in over 30 ICUs across the country. I was also responsible for conducting and coordinating EPIGNOSIS, a large-scale point prevalence study of the Hellenic Society of Intensive Care, which, together with its pediatric component, collected data from over 500 critically ill patients. I have also developed a similar collaboration with the Hellenic Society of Chemotherapy, participating in an organizational role in collaborative, multicenter studies. During the pandemic, I spearheaded the organization of a multicenter registry study called RECUP-19, in which 11 COVID-19 ICUs participated, and its database includes over 500 patients.

Finally, I am a member of the ENAVAP research network (European Investigators' Network for Nebulized Antibiotics in Ventilator-associated pneumonia), which is led by prominent figures in European Intensive Care such as Professors Jean-Jack Rouby and Jordi Rello. A result of my participation in this network has been the contribution to opinion papers, as outlined in the relevant section of this document.

Regarding education, I have participated and continue to participate in the educational programs of the ICU of the 1st Pulmonary Clinic of NKUA, the 1st Pulmonary Clinic, the 3rd Pathology Clinic of NKUA, the microbiology laboratory and national reference center for mycobacteria of the "Sotiria" General Hospital, and in the training program for obtaining nursing specialization at the "Sotiria" General Hospital. I was a co-founder of the nursing education seminar "NEMETH" which was active for many years, and I am a regular trainer in the "Intensive Care School" with a teaching subject of the prevention of nosocomial infections and in the "BASIC - Education on Intensive Care" Seminar of the Hellenic Society of Intensive Care.

I have authored chapters in Greek textbooks on intensive care and have essentially overseen the publication of the book Koutsoukou, A., Vasileiadis, I., Rovina, N., Pontikis, K., Daganou, M., Avgeropoulou, S., Kyriakopoulou, M., & Romanou, B. (2015). Basic principles of intensive care [Undergraduate textbook]. Kallipos, Open Academic Press. <https://dx.doi.org/10.57713/kallipos-462> and the forthcoming "Respiratory Failure and Mechanical Ventilation" by Professors A. Koutsoukos and D. Georgopoulos.

RESEARCH

- I participated in the research and educational activities of the multidisciplinary study group on endocarditis (Endocarditis Study Group), based at the 4th Department of Internal Medicine, University of Athens.
- I participated in the research protocol titled "Colistin pharmacokinetics after administration of a loading dose of colistin methanesulphonate (CMS) in critically ill patients with infections by multi-drug resistant gram-negative bacteria (MDR-GNB)."
- Participation, in a coordinating role, in the research protocol: "The safety and efficacy of fosfomycin in the treatment of patients with infections caused by multi-drug resistant microorganisms hospitalized in the Intensive Care Unit", under the auspices of the Hellenic Society of Antimicrobial Chemotherapy.
- Led the coordination of the Hellenic Intensive Care Society's 'EPIGNOSI' point prevalence study, a comprehensive epidemiological investigation of Greek ICU patients. Key responsibilities included developing the study protocol, coordinating with over 50 participating centers, designing and implementing an electronic data collection tool, extracting data, and collaborating with the study's statistical team. The EPIGNOSI study was conducted on December 12, 2017, and its findings, based on data from over 400 patients, were presented at the 17th Hellenic Intensive Care Congress.
- Led the coordination of the Hellenic Intensive Care Society's 'Paediatric EPIGNOSI' point prevalence study, a comprehensive epidemiological investigation focusing on pediatric ICU patients in Greece. Key responsibilities included developing the study protocol, coordinating with participating centers, designing and implementing a data collection tool, and collaborating with the study's statistical team. The study collected data from over 100 pediatric patients.
- Led the coordination of the RECUP-19 registry, a comprehensive registry of COVID-19 patients in Greek ICUs, organized by the First Pulmonary Department of NKUA. Key responsibilities included developing the study protocol, coordinating with participating centers, designing and implementing an electronic data collection form, and conducting statistical and descriptive data analysis. The registry collected data from over 500 patients and has resulted in numerous presentations at Greek conferences.
- Played a key role in the organization of the DESPAIR study, a multicenter observational study evaluating the efficacy and safety of a novel triple therapy regimen for the treatment of infections caused by pan-drug resistant *Acinetobacter baumannii*. Responsibilities encompassed designing and implementing the electronic data collection form, and conducting statistical and descriptive data analysis. Interim findings from this ongoing study were presented at the recent 19th Intensive Care Congress of the Hellenic Society of Intensive Care Medicine.
- Contributed to the organization of a major research initiative focused on understanding the immunological mechanisms underlying severe pneumonia. Responsibilities included designing and implementing an electronic data collection system and conducting data analysis. The project is an ongoing collaboration between several leading Greek universities.
- Led as National Coordinator and Sub-Investigator in a large-scale, international, randomized controlled trial comparing plazomicin to colistin for the treatment of infections caused by carbapenem-resistant Enterobacteriaceae. This pivotal study, which was instrumental in securing regulatory approval for plazomicin, was published in the New England Journal of Medicine. As a key contributor, I was acknowledged as a collaborator on the publication.

- Contributed to the international, multicenter, phase 3 CREDIBLE-CR clinical trial as a sub-investigator. This study evaluated the efficacy and safety of cefiderocol compared to best available therapy for treating severe infections caused by carbapenem-resistant Gram-negative pathogens. The trial was pivotal in securing regulatory approval for cefiderocol and its findings were published in the Lancet Infectious Diseases.
- Contributed to the EU-CARE study as a sub-investigator, an international, multicenter observational study evaluating the clinical management of urinary tract infections, complicated intra-abdominal infections, and hospital-acquired bacterial pneumonia/ventilator-associated bacterial pneumonia caused by carbapenem-resistant Gram-negative bacteria.
- Contributed to the EVADE study as a sub-investigator, a global phase 2 proof-of-concept trial investigating the safety, efficacy, and pharmacokinetics of gremubamab, a novel anti-*Pseudomonas aeruginosa* antibody, for the prevention of ventilator-associated pneumonia in critically ill patients.
- Contributed to the IASIS trial as a sub-investigator, a randomized, double-blind, placebo-controlled, phase 2 study. This trial evaluated the efficacy and safety of aerosolized amikacin and fosfomycin, delivered via the investigational eFlow inline system, as adjunctive therapy for ventilator-associated pneumonia caused by Gram-negative bacteria. The findings were published in Chest.
- Contributed to the Magic Bullet trial as a sub-investigator, a randomized, open-label, multicenter, non-inferiority trial. This study compared the safety and efficacy of colistin versus meropenem for the empirical treatment of ventilator-associated pneumonia. The results were published in Critical Care.
- Contributed, as a sub-investigator, to a phase 2, open-label, multicenter clinical trial assessing the pharmacokinetics, safety, and efficacy of POL7080 when co-administered with standard of care in patients with ventilator-associated pneumonia caused by suspected or documented *Pseudomonas aeruginosa*. The study results were presented at the 26th ECCMID, and I was included as a co-author on the published abstract.
- Contributed to the PRISM-MDR trial as a sub-investigator, a randomized, open-label, multicenter, active-controlled, phase 3 study. This trial investigated the efficacy, safety, tolerability, and pharmacokinetics of murepavadin when combined with one anti-pseudomonal antibiotic versus two anti-pseudomonal antibiotics in adult patients with ventilator-associated pneumonia caused by suspected or confirmed *Pseudomonas aeruginosa*.
- Contributed, as a sub-investigator, to a placebo-controlled, double-blind, randomized clinical trial assessing the efficacy of Aerucin® when used as an adjunctive therapy in combination with standard antibiotics for the treatment of pneumonia caused by *Pseudomonas aeruginosa*.
- Contributed to the REVISIT trial as a sub-investigator, a prospective, randomized, multicenter, open-label (central assessor-blinded), parallel group, comparative study. This trial evaluated the efficacy, safety, and tolerability of aztreonam-avibactam with or without metronidazole versus meropenem with or without colistin for the treatment of serious Gram-negative infections, including those caused by metallo- β -lactamase-producing multi-drug resistant pathogens.
- “Contributed to the ASSEMBLE trial as a sub-investigator, a prospective, randomized, open-label, multicenter, comparative study. This trial evaluated the efficacy, safety, and tolerability of aztreonam-avibactam compared to best available therapy for the treatment of serious infections caused by multi-drug resistant Gram-negative bacteria producing metallo- β -lactamase. The findings were presented at the upcoming ESCMID Global 2024, and I am listed as a co-author.

- I participated as a sub-investigator in the international, multicenter ATTACK trial, a randomized, active-controlled clinical study designed to assess the safety, efficacy, and tolerability of sulbactam-durlobactam in comparison to standard treatments for serious infections caused by *Acinetobacter baumannii*. The study results were published in *Lancet Infectious Diseases* (Kaye et al., 2023 – I am not among the authors), demonstrating the non-inferiority of sulbactam-durlobactam in treating these challenging infections and contributing to its subsequent regulatory approval.

PHD THESIS

Completed a PhD thesis titled 'Evaluation of tigecycline efficacy in an experimental model of enterococcal endocarditis,' supervised by Professor Eleni Yamarellou. The research findings were published in the prestigious international journal Antimicrobial Agents and Chemotherapy. The thesis was successfully defended in April 2013 with excellent evaluations. Link to the thesis repository: <https://www.didaktorika.gr/eadd/handle/10442/41333>

PUBLICATIONS

A. Complete scientific papers published in international journals (peer-reviewed, as an author or collaborator)

1. Successful treatment of right-sided prosthetic valve endocarditis due to methicillin-resistant teicoplanin-heteroresistant *Staphylococcus aureus* with linezolid.

Souli M., **Pontikis K.**, Chrysosouli Z., Galani I., Giamarellou H.

Eur J Clin Microbiol Infect Dis 2005;24(11):760-2

Impact factor (2010): 2.631

Citations (Google scholar/Scopus): 22/21

2. Early changes of procalcitonin may advise about prognosis and appropriateness of antimicrobial therapy in sepsis

A.P. Georgopoulou, A. Savva, E.J. Giamarellos-Bourboulis, M. Georgitsi, M. Raftogiannis, N. Antonakos, E. Apostolidou, D.P. Carrer, G. Dimopoulos, A. Economou, G. Efthymiou, N. Galanakis, L. Galani, P. Gargalianos, I. Karaikos, Ch. Katsenos, D. Kavatha, E. Koratzanis, P. Lambropoulos, M. Lada, G. Nakos, E. Paggalou, G. Panoutsopoulos, M. Paraschos, I. Pavleas, **K. Pontikis**, G. Poulakou, A. Prekates, S. Sybardi, M. Theodorakopoulou, Ch. Trakatelli, P. Tsiaoussis, C. Gogos, H. Giamarellou, A. Armaganidis, M. Meisner on behalf of the Hellenic Sepsis Study Group

J Crit Care. 2011;26:337.e1-331.e7

Impact factor (2011) 2.134

Citations (Google scholar/Scopus): 93/44

3. Application of a loading dose of colistin methanesulfonate in critically ill patients: population pharmacokinetics, protein binding, and prediction of bacterial kill.

Mohamed AF, Karaikos I, Plachouras D, Karvanen M, **Pontikis K**, Jansson B, Papadomichelakis E, Antoniadou A, Giamarellou H, Armaganidis A, Cars O, Friberg LE.

Antimicrob Agents Chemother. 2012 Aug;56(8):4241-9.

Impact factor (2012): 5.338

Citations (Google scholar/Scopus): 309/190

4. Efficacy of tigecycline alone and in combination with gentamicin in the treatment of experimental endocarditis due to linezolid-resistant *Enterococcus faecium*

Pontikis K, Pefanis A, Tsaganos T, Tzepi IM, Carrer DP, Giamarellou H

Antimicrob Agents Chemother. 2013;57(7):3392-4

Impact factor (2013): 5.439

Citations (Google scholar/Scopus): 14/12

5. Immune response to mycobacterial infection: lessons from flow cytometry.

Rovina N, Panagiotou M, **Pontikis K**, Kyriakopoulou M, Koulouris NG, Koutsoukou A.

Clin Dev Immunol. 2013;2013:464039

Impact factor (2013): 2.934

Citations (Google scholar/Scopus): 13/6

6. Outcomes of critically ill intensive care unit patients treated with fosfomycin for infections due to pandrug-resistant and extensively drug-resistant carbapenemase-producing Gram-negative bacteria.

Pontikis K, Karaikos I, Bastani S, Dimopoulos G, Kalogirou M, Katsiari M, Oikonomou A, Poulakou G, Roilides E, Giamarellou H.

Int J Antimicrob Agents. 2014 Jan;43(1):52-9

Impact factor (2014): 4.296

Citations (Google scholar/Scopus): 289/191

7. A case of imported Middle East Respiratory Syndrome coronavirus infection and public health response, Greece, April 2014.

Tsiodras S, Baka A, Mentis A, Iliopoulos D, Dedoukou X, Papamavrou G, Karadima S, Emmanouil M, Kossyvakis A, Spanakis N, Pavli A, Maltezou H, Karageorgou A, Spala G, Pitiriga V, Kosmas E, Tsiagklis S, Gkatzias S, Koulouris N, Koutsoukou A, Bakakos P, Markozanhs E, Dionellis G, Pontikis K, Rovina N, Kyriakopoulou M, Efstathiou P, Papadimitriou T, Kremastinou J, Tsakris A, Saroglou G.

Euro Surveill. 2014 Apr 24;19(16):20782

Impact factor (2014): 5.722

Citations (Google scholar/Scopus): 54/33

8. Virological and serological analysis of a recent Middle East respiratory syndrome coronavirus infection case on a triple combination antiviral regimen.

Spanakis N, Tsiodras S, Haagmans BL, Raj VS, Pontikis K, Koutsoukou A, Koulouris NG, Osterhaus AD, Koopmans MP, Tsakris A.

Int J Antimicrob Agents. 2014 Dec;44(6):528-32

Impact factor (2014): 4.296

Citations (Google scholar/Scopus): 140/93

9. Colistin Population Pharmacokinetics after Application of a Loading Dose of 9 MU Colistin Methanesulfonate in Critically Ill Patients.

Karaikos I, Friberg LE, Pontikis K, Ioannidis K, Tsagkari V, Galani L, Kostakou E, Baziaka F, Paskalis C, Koutsoukou A, Giamarellou H.

Antimicrob Agents Chemother. 2015 Dec;59(12):7240-8. doi: 10.1128/AAC.00554-15. Epub 2015 Sep 14.

Impact factor (2015): 4.919

Citations (Google scholar/Scopus): 130/92

10. Clostridium subterminale septicemia in an immunocompetent patient.

Daganou M, Kyriakoudi A, Moraitou H, Pontikis K, Avgeropoulou S, Tripolitsioti P, Koutsoukou A.

IDCases. 2016 Jun 30;5:43-5. doi: 10.1016/j.idcr.2016.06.005. eCollection 2016.

Scimago Journal Rank: 0.579 (estimated citations per document)

Citations (Google scholar/Scopus): 8/6

11. Calibration of a microdialysis sensor and recursive glucose level estimation in ICU patients using Kalman and particle filtering

Alexandros C Charalampidis, Konstantinos Pontikis, Georgios D Mitsis, George Dimitriadis, Vaia Lampadiari, Vasilis Z Marmarelis, Apostolos Armaganidis, George P Papavassilopoulos

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Biomedical Signal Processing and Control 2016;27: 155-63

Impact factor (2016): 0.674

Citations (Google scholar/Scopus): 4/3

12. **Plazomicin for Infections Caused by Carbapenem-Resistant Enterobacteriaceae.**

McKinnell JA, Dwyer JP, Talbot GH, Connolly LE, Friedland I, Smith A, Jubb AM, Serio AW, Krause KM, Daikos GL; CARE Study Group.

CARE Study Group: Cely Saad Abboud Medeiros, Elaina Lima Bicudo Dos Santos, Valdes Roberto Bollela, Ana Cristina Gales, Suzana Margareth Ajeje Lobo, Antonio Tarcisio de Faria Freire, Anna Skiada, Martin Stryjewski, Eleni Antoniadou, Apostolos Armaganidis, George Daikos, Nikolaos Kapravelos, Apostolos Komnos, Antonia Koutsoukou, Charikleia Nikolaou, Athanasios Skoutelis, Maria Souli, Glykeria Vlachogianni, Spyros Zakynthinos, Epaminondas Zakynthinos, **Konstantinos Pontikis**, Valerio Del Bono, Murat Akova, Iftihar Koksall, Loren Miller

N Engl J Med. 2019 Feb 21;380(8):791-793. doi: 10.1056/NEJMc1807634.

Impact factor (2019): 74.699

Citations (Google scholar/Scopus): 158/140

13. **The "Old" and the "New" Antibiotics for MDR Gram-Negative Pathogens: For Whom, When, and How.**

Karaiskos I, Lagou S, **Pontikis K**, Rapti V, Poulakou G.

Front Public Health. 2019 Jun 11;7:151. doi: 10.3389/fpubh.2019.00151. eCollection 2019.

Impact factor (2024): 5.2

Citations (Google scholar/Scopus): 290/178

14. **Ventilator-associated pneumonia caused by multidrug-resistant Gram-negative bacteria: understanding nebulization of aminoglycosides and colistin**

J J Rouby, C Sole-Lleonart, J Rello; European Investigators Network for Nebulized Antibiotics in Ventilator-associated Pneumonia

European Investigators Network for Nebulized Antibiotics in Ventilator-associated Pneumonia: Antoine Monsel, Jean-Michel Constantin, Adrien Bouglé, Stijn Blot, Garyphalia Poulakou, **Konstantinos Pontikis**, Anna Kyriakoudi, Antonia Koutsoukou, George Dimopoulos, Christina Routsis, Kostoula Arvaniti, Jose Manuel Pereira, Timothy Felton, Jayesh Dhanani, Jason Roberts, Matteo Bassetti, Tobias Welte, Jonathan Dugernier, Pierre-François Laterre, Stephan Ehrmann, Matthieu Boisson, Olivier Mimoz, Marc Leone, Lucy B Palmer, Jérôme Pugin, Jie-Ming Qu, Ying-Gang Zhu, Xuelian Liao

Intensive Care Med 2020 Apr;46(4):766-770. doi: 10.1007/s00134-019-05890-w. Epub 2020 Jan 8.

Impact factor: 17.44

Citations (Google scholar/Scopus): 31/34

15. **Acute life-threatening cardiac tamponade in a mechanically ventilated patient with COVID-19 pneumonia.**

Derveni V, Kaniaris E, Toumpanakis D, Potamianou E, Ioannidou I, Theodoulou D, Kyriakoudi A, Kyriakopoulou M, **Pontikis K**, Daganou M.

IDCases. 2020 Jul 2;21:e00898. doi: 10.1016/j.idcr.2020.e00898. eCollection 2020.

Scimago Journal Rank: 0.579 (estimated citations per document)

Citations (Google scholar/Scopus): 13/7

Konstantinos Pontikis, MD, PhD – Curriculum vitae

16. Ceftazidime/avibactam in the era of carbapenemase-producing *Klebsiella pneumoniae*: experience from a national registry study

Karaiskos I, Daikos GL, Gkoufa A, Adamis G, Stefos A, Symbardi S, Chrysos G, Filiou E, Basoulis D, Mouloudi E, Galani L, Akinosoglou K, Arvaniti K, Masgala A, Petraki M, Papadimitriou E, Galani I, Poulakou G, Routsis C, Giamarellou H; Hellenic Ceftazidime/Avibactam Registry Study Group.

Hellenic Ceftazidime/Avibactam Registry Study Group: V Papoutsaki, H Papadogeorgaki, C Tsapas, M Astriti, V Romanou, E Makronassios, P Giona, **K Pontikis**, N Gatselis, E Massa, E Michailidou, C Gogos

J Antimicrob Chemother 2021 Feb 11;76(3):775-783. doi: 10.1093/jac/dkaa503

Impact factor (2021): 5.758

Citations (Google scholar/Scopus): 66/48

17. Cardiovascular Responses During Sepsis.

Pecchiari M, **Pontikis K**, Alevrakos E, Vasileiadis I, Kompoti M, Koutsoukou A.

Compr Physiol. 2021 Apr 1;11(2):1605-1652. doi: 10.1002/cphy.c190044.

Impact factor: 8.915

Citations (Google scholar/Scopus): 9/8

18. Cutaneous Vasculopathy in a COVID-19 Critically Ill Patient: A Histologic, Immunohistochemical, and Electron Microscopy Study.

Kyriakoudi A, **Pontikis K**, Tsaraklis A, Soura E, Vourlakou C, Kossyvakis A, Potamianou E, Kaniaris E, Ioannidou I, Mentis A, Kloukina I, Daganou M, Koutsoukou A.

Case Rep Crit Care. 2021 Apr 3;2021:6644853. doi: 10.1155/2021/6644853. eCollection 2021.

Impact factor: 0.942

Citations (Google scholar/Scopus): 3/3

19. Evolution of epidemiological characteristics of infective endocarditis in Greece

Giannitsioti E, Pefanis A, Gogos C, Lekkou A, Dalekos GN, Gatselis N, Georgiadou S, Nikou P, Vrettou A, Rigopoulos A, Tryfonopoulos C, Tsaganos T, Karofilakis E, Psarrakis C, Argyriou M, Gargalianos-Kakolyris P, Adamis G, Lourida P, Kofteridis D, Andrianaki A, Loupa C, Kostis E, Sinapidis D, Sympardi S, Alexiou N, Karaiskos I, Masgala A, Maltezos E, Panagopoulos P, Sachpekidis V, Evdoridis C, Sipsas NV, Daikos G, Giamarellou H; Hellenic Society of Chemotherapy.

Hellenic Society of Chemotherapy: **Konstantinos Pontikis**, Ioannis Lioris, Moysis Lelekis, Athanasios Trikkas, Dimitrios Aggouras, Vasilios Kolias, Chris Rokkas, Maria Nana-Anastasiou, Spiros Miyakis

Int J Infect Dis. 2021 May;106:213-220. doi: 10.1016/j.ijid.2021.03.009. Epub 2021 Mar 9.

Impact factor (2021): 12.7

Citations (Google scholar/Scopus): 10/7

20. Nebulized Colistin in Ventilator-Associated Pneumonia and Tracheobronchitis: Historical Background, Pharmacokinetics and Perspectives.

Zhu Y, Monsel A, Roberts JA, **Pontikis K**, Mimos O, Rello J, Qu J, Rouby JJ; European Investigator Network for Nebulized Antibiotics in Ventilator-Associated Pneumonia (ENAVAP).

Microorganisms. 2021 May 27;9(6):1154. doi: 10.3390/microorganisms9061154.

Impact factor (2021): 4.926

Citations (Google scholar/Scopus): 24/23

21. New perspectives in the antibiotic treatment of mechanically ventilated patients with infections from Gram-negatives.

Karvouniaris M, **Pontikis K**, Nitsotolis T, Poulakou G.

Expert Rev Anti Infect Ther. 2021 Jul;19(7):825-844. doi: 10.1080/14787210.2021.1859369. Epub 2020 Dec 21.

Impact factor (2021): 5.854

Citations (Google scholar/Scopus): 8/5

22. Pharmacokinetic Characteristics of Nebulized Colistimethate Sodium Using Two Different Types of Nebulizers in Critically Ill Patients with Ventilator-Associated Respiratory Infections.

Kyriakoudi A*, **Pontikis K***, Valsami G, Avgeropoulou S, Neroutsos E, Christodoulou E, Moraitou E, Markantonis SL, Dokoumetzidis A, Rello J, Koutsoukou A. (the first two authors contributed equally)

Antibiotics (Basel). 2022 Nov 1;11(11):1528. doi: 10.3390/antibiotics11111528.

Impact factor (2022): 4.5

Citations (Google scholar/Scopus): 6/5

23. In-hospital and 6-month outcomes in patients with COVID-19 supported with extracorporeal membrane oxygenation (EuroECMO-COVID): a multicentre, prospective observational study.

Lorusso R, De Piero ME, Mariani S, Di Mauro M, Folliguet T, Taccone FS, Camporota L, Swol J, Wiedemann D, Belliato M, Broman LM, Vuylsteke A, Kassif Y, Scandroglio AM, Fanelli V, Gaudard P, Ledot S, Barker J, Boeken U, Maier S, Kersten A, Meyns B, Pozzi M, Pedersen FM, Schellongowski P, Kirali K, Barrett N, Riera J, Mueller T, Belohlavek J; EuroECMO-COVID Study Group.

EuroECMO-COVID Study Group: Julia Fichte, Robert Stohr, Sebastian Kalverkamp, Christian Karagiannidis, Simone Schafer, Alexei Svetlitchny, Julia Fichte, Hans-Bernd Hopf, Dominik Jarczak, Heinrich Groesdonk, Magdalena Rommer, Jan Hirsch, Christian Kaehny, Dimitros Soufleris, Georgios Gavriilidis, **Kostantinos Pontikis**, Magdalini Kyriakopoulou, Anna Kyriakoudi, Serena O'Brien, Ian Conrick-Martin, Edmund Carton, Maged Makhoul, Josef Ben-Ari, Amir Hadash, Alexander Kogan, Reut Kassif Lerner, Anas Abu-Shakra, Moshe Matan, Ahmad Balawona, Erez Kachel, Roman Altshuler, Ori Galante, Lior Fuchs, Yaniv Almog

Lancet Respir Med. 2023 Feb;11(2):151-162. doi: 10.1016/S2213-2600(22)00403-9. Epub 2022 Nov 16.

Impact factor (2022): 4.3

Citations (Google scholar/Scopus): 39/27

24. Evaluation of the Acid-Base Status in Patients Admitted to the ICU Due to Severe COVID-19: Physicochemical versus Traditional Approaches.

Sotiropoulou Z, Antonogiannaki EM, Koukaki E, Zaneli S, Bakakos A, Vontetsianos A, Anagnostopoulos N, Rovina N, Loverdos K, Tripolitsioti P, Kyriakopoulou M, **Pontikis K**, Bakakos P, Georgopoulos D, Papaioannou AI.

J Pers Med. 2023 Dec 11;13(12):1700. doi: 10.3390/jpm13121700.

Impact factor (2022): 3.4

Citations (Google scholar/Scopus): 0/0

25. Understanding the nebulisation of antibiotics: the key role of lung microdialysis studies

Konstantinos Pontikis, MD, PhD – Curriculum vitae

Dhanani J, Roberts JA, Monsel A, Torres A, Kollef M, Rouby JJ; European Investigators Network for Nebulized Antibiotics in Ventilator-associated Pneumonia.

European Investigators Network for Nebulized Antibiotics in Ventilator-associated Pneumonia: Kostoula Arvaniti, Mona Assefi, Matteo Bassetti, Stijn Blot, Matthieu Boisson, Adrien Bouglé, Jean-Michel Constantin, Jayesh Dhanani, George Dimopoulos, Jonathan Dugernier, Pauline Dureau, Timothy Felton, Marin Kollef, Antonia Koutsoukou, Anna Kyriakoudi, Pierre-François Laterre, Marc Leone, Victoria Lepère, Gianluigi Li Bassi, Xuelian Liao, Olivier Mimoz, Antoine Monsel, Girish B Nair, Michael Niederman, Lucy B Palmer, Paolo Pelosi, Jose Manuel Pereira, **Konstantinos Pontikis**, Garyphalia Poulakou, Jérôme Pugin, Chuanyun Qian, Jie-Ming Qu, Jordi Rello, Jason Roberts, Jean-Jacques Rouby, Christina Routsis, Gerald C Smaldone, Antoni Torres, Melda Türkoğlu, Tobias Welte, Michel Wolff, Xia Jing, Li Yang, Ting Yang, Ying-Gang Zhu

Crit Care. 2024 Feb 19;28(1):49. doi: 10.1186/s13054-024-04828-z.

Impact factor (2-year): 12.0

Citations (Google scholar/Scopus): 1/0

26. Intensive Care Unit Mortality Trends during the First Two Years of the COVID-19 Pandemic in Greece: A Multi-Center Retrospective Study

Paraskevi C Fragkou, Sotirios P Karagiannis, Dimitra Dimopoulou, Sotiria Kefala, Fotini Fligou, Parisi Gallos, Edison Jahaj, Angeliki Bellou, Evangelia Koukaki, Eleni Magira, Philippos Orfanos, Georgios Papathanakos, Athanasios Papathanasiou, Emmanouil Pediaditis, **Konstantinos Pontikis**, Nikoleta Rovina, Katerina Vaporiði, Menelaos Xenikakis, Maria Theodorakopoulou, Anastasia Kotanidou

Viruses . 2024 Mar 22;16(4):488. doi: 10.3390/v16040488. Viruses 16 (4), 488

Impact factor (2023): 4.7

Citations (Google scholar/Scopus): 0/0

27. Strong ion gap and anion gap corrected for albumin and lactate in patients with sepsis in the intensive care unit.

Alevrakos E, Papadakis DD, Vagionas D, Koutsoukou A, **Pontikis K**, Rovina N, Vasileiadis I.

Int J Physiol Pathophysiol Pharmacol. 2024 Apr 15;16(2):10-27. doi: 10.62347/PTUU2265. eCollection 2024.

Scimago Journal Rank (2019): 0.691

Citations (Google scholar/Scopus): 0/0

B. Reviewer in International Journals

1. BMC Infectious Disease (Impact factor: 3.7)
2. Journal of Clinical Pharmacy & Therapeutics (Impact factor: 2.512)
3. Journal of Antimicrobial Chemotherapy (Impact factor: 5.2)
4. Journal of Global Antimicrobial Resistance (Impact factor: 4.6)
5. ERJ Open Research (Impact factor: 4.6)
6. Infection and Drug Resistance (Impact factor: 3.9)
7. BioMed Research International (Scimago Journal Rank: 1.12)
8. Intensive Care Medicine (Impact factor: 41.787)
9. Thorax (Impact factor: 10.0)
10. Journal of Clinical Medicine (Impact factor: 3.9)
11. International Journal of Antimicrobial Agents (Impact factor: 10.8)
12. Antibiotics (Impact factor: 4.8)
13. Frontiers in Cellular and Infection Microbiology (Impact factor: 5.7)
14. Annals of Intensive Care (Impact factor: 6.925)

CONGRESSES

- 1. I have delivered 49 presentations at various Hellenic Congresses, covering general topics of intensive care, sepsis, infectious diseases and antimicrobial chemotherapy**

A complete list of presentations, in Greek language, is available upon request

- 2. Moderated roundtable discussions and delivered keynote lectures at 10 Hellenic Congresses**

A complete list of is available upon request.

- 3. Contributed to the organization of 7 Hellenic Congresses as a member of the organizing committee.**

A complete list is available upon request

- 4. Poster or oral presentations in international congresses**

- 1. Assessment of the nutritional risk in community-dwelling elderly in Greece using the MNA Scale.**

Spatharakis GC, Asimakopoulou FA, Koutsogianni Z, **Pontikis K**, Mastrapa E, Tsoutsos D

1st Congress of the International Academy of Nutrition and Aging, Paris, France, June 2001

- 2. Nosological, Iatrogenic and social factors as causes of malnutrition in community-dwelling elderly in rural Greece.**

Spatharakis G.C., Giannopoulos G, Darvabesis Th., **Pontikis K**, Mastrapa E.

2nd Congress of the European Union Geriatric Medicine Society. Florence, Italy, August 2003

- 3. Leukemia and Leishmaniasis: A case report.**

Avlonitou M., Drakopanayotakis F., **Pontikis K**, Dimitropoulou A., Doukas C., Kavakas C.

5th Congress of Chemotherapy and Infection, Rhodes, Greece, October 2003

- 4. Successful treatment of MRSA teicoplanin-heteroresistant Staphylococcus Aureus prosthetic valve endocarditis with linezolid.**

Souli M., **Pontikis K**, Chryssouli Z., Orlandou K., Galani I., Katsala D., Giamarellou H.

14th European Congress of Clinical Microbiology and Infectious Diseases, Prague, Czech Republic, May 2004

- 5. No effect of vitamin B6 co-administration for the prevention of linezolid-induced myelosuppression.**

Plachouras D., Giannitsioti E., Kontopidou F., Athanasia S., Savanis S., **Pontikis K**, Antonopoulou A., Papadopoulos A., Giamarellou H.

16th European Congress of Clinical Microbiology and Infectious Diseases, Nice, France, April 2006

6. **Role of the General Practitioner in the screening and detection of malnutrition in community-dwelling elderly in Greece.**

Spatharakis G., Dardavesis T., **Pontikis K.**, Koutsogianni Z., Giannopoulos G.

WoncaEurope 2006, 12th Regional Conference of Wonca Europe ESGP/FM, Florence, Italy, August 2006

7. **A new fear for intensive care unit patients: colistin-resistant MDR Gram-negatives.**

Kontopidou F.V., Koratzanis E., **Pontikis K.**, Armaganidis A., Giamarellou H.

18th European Congress of Clinical Microbiology and Infectious Diseases, Barcelona, Spain, April 2008

8. **A large outbreak of KPC-Producing Klebsiella Pneumoniae and efforts to control it**

E. Papadomichelakis, **K. Pontikis**, F. Matthaopoulou, E. Paramythiotou, V. Exarhou, E. Karkali, A. Antoniadou, E. Giamarellou, A. Armaganidis

22nd annual Congress of the European Society of Intensive Care Medicine Vienna, Austria, October 2009

Citations: 1

9. **Human Herpesvirus-6: An emerging pathogen of encephalitis in immunocompetent patients**

J. Rallis, N. Andronas, **K. Pontikis**, D. Kavatha, N. Oikonomopoulos, A. Tsakris, L. Stefanis

20th Meeting of the European Neurologic Society, Berlin, Germany, June 2010

10. **Colistin pharmacokinetics after administration of a loading dose of colistin methanesulphonate (CMS) in critically ill patients with infections by multi-drug resistant gram-negative bacteria (MDR-GNB)**

L. E. Friberg, E. Karaiskos, M. Karvanen, **K. Pontikis**, E. Papadomichelakis, D. Plachouras, O. Cars, A. Armaganidis, H. Giamarellou

50th ICAAC, Boston, USA, September 2010

11. **Description of the epidemiology of 2010-2011 seasonal influenza in a newly-founded ICU**

K. Pontikis, F. Karakontaki, E. Dima, S. Avgeropoulou, G. Gavriilidis, C. Kollas, M. Kyriakopoulou, V. Romanou, M. Alchanatis, A. Koutsoukou

15th State-of-the-Art, Athens, Greece, April 2011

12. **Coxiella burnettii: an underestimated cause of infective endocarditis (IE). A 5 year (2004-2009) single's university department experience in Greece**

Giannitsioti E, Kokkini S, Symbardi S, Baziaka F, Elezoglou A, Panou F, Plachouras D, Pliarchopoulou F, **Pontikis K**, Rallidis L, Raftogiannis M, Tsiodras S, Kanellakopoulou K, Psaroulaki A, Gikas A, Giamarellou H

6th International Meeting on Rickettsiae and Rickettsial diseases, Heraklion, Greece, June 2011

13. Efficacy of Fosfomycin in infections caused by XDR and PDR Gram-negative pathogens in ICU critically ill patients: A multi-center observational study.

Pontikis K, Karaiskos I, Paskalis Ch, Koutsoukou A, Roilides E, Dimopoulos G, Nakos G, Maggina N, Bastani S, Prekates A, Poulakou G, Giamarellou H on behalf of the Hellenic Study Group of "ICU Infections.

23rd European Congress of Clinical Microbiology and Infectious Diseases, Berlin, Germany, April 2013

14. Incidence of acute renal injury (AKI) associated to the application of a loading dose of 9MU colistin methanosulphate (CMS) in critically ill patients

Karaiskos Ilias, **Pontikis Konstantinos**, Tsagkari Vasiliki, Galani Lambrini, Baziaka Fotini, Paskalis Charalambos, Koutsoukou Antonia, Giamarellou Helen

1st International Conference on Polymyxins, Prato, Italy, May 2013

15. Colistin Pharmacokinetics after Application of a Loading Dose of 9 MU Colistin Methanesulfonate (CMS) in Critically Ill Patients

Ilias Karaiskos, Lena E. Friberg, Konstantinos Pontikis, Vasiliki Tsagkari, Konstantinos Ioannidis, Lamprini Galani, Fotini Baziaka, Antonia Koutsoukou, Helen Giamarellou

53rd ICAAC, September 2013

16. Ventilator-associated pneumonia caused by carbapenem-resistant gram-negative bacteria in 13 Greek adults ICUs: epidemiology and impact on ICU mortality

E. Mouloudi, S. Papanikolaou, M. Karvouniaris, T. Aslanidis, A. Sakagianni, S. Michelidou, **K. Pontikis**, A. Gavala, I. Chouris, G. Rempelakos, C. Nikolaou, E. Antipa, E. Papadomichelakis, K. Arvaniti, P. Myrianthefts on behalf of the Section of Infection Prevention and Management of the Hellenic Society of Intensive Care Medicine, Athens, Greece

ESICM LIVES 2014

17. Central line-associated bloodstream infections in Greek intensive care units (the bact.gr study): pathogens and antibiotic resistance patterns

K. Pontikis, M. Kazantzi, E. Papandreou, A. Sakagianni, H. Nikolaou, I. Strouvalis, V. Soulountsi, K. Hadzinikolaou, A. Chovas, A. Paridou, E. Mouloudi, F. Fligkou, A. Kyparissi, E. Mageira, A. Prekates, K. Katsifa, V. Bekos, P. Opsimoulis, K. Tassopoulos, E. Volakli, P. Myrianthefts on behalf of the Section of Infection Prevention and Management of the Hellenic Society of Intensive Care Medicine, Athens, Greece

ESICM LIVES 2014

18. Direct test for rapid identification of carbapenemase-producing bloodstream isolates

H. Moraitou, M. Makarona, E. Galani, Z. Kakoulas, V. Dendia, V. Perdiou, K. Pontikis, E. Vogiatzakis

25th ECCMID, Copenhagen, Denmark, April 2015

19. Pharmacokinetics of POL7080 coadministered with standard of care in patients with ventilator-associated pneumonia due to suspected or documented Pseudomonas aeruginosa infection.

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Armaganidis A, Franzeskaki AF, Diakaki C, Zakynthinos S, Ischaki E, Mandragos C, Katsenos C, Paraschos M, Patrani M, Amygdalou A, Giamarellos-Bourboulis EJ, Tsangos T, Pistiki K, Antonakos N, Damoraki G, de la Torre MV, Koutsoukoul A, **Pontikis K**, Sommerville K, Rangaraju M, Wach A, Dembowsky K, Hooftman L, Dale GE, Ferrer M, Gassi GL, Torres A.

26th ECCMID, Amsterdam, Netherlands, April 2016 (abstract 3786)

20. Utility of Therapeutic Drug Management (TDM) in Managing Plazomicin Pharmacokinetic (PK) Variability in Patients With Infections Due to Carbapenem-Resistant Enterobacteriaceae (CRE)

George Daikos, MD, Spyros Zakynthinos, MD, Apostolos Komnos, MD, Maria Souli, MD PhD, Eleni Antoniadou, MD, Glykeria Vlachogianni, MD, Nikolaos Kapravelos, MD, Alisa Serio, PhD, Julie Seroogy, MS, Alex Smith, MS, Adrian Jubb, MBChB PhD FRCPath, Antonia Koutsoukou, MD, **Konstantinos Pontikis, MD**, Anna Skiada, MD, Epaminondas Zakynthinos, MD

ID Week 2016, New Orleans, LA, US, October 2016

Citations: 1

21. Metabolic acidosis in patients with sepsis

I. Vasileiadis, M. Kompoti, E.-S. Tripodaki, N. Rovina, **K. Pontikis**, E. Ntouka, E. Stavrou, A. Koutsoukou
ESICM 2017

22. Assessment of de-escalation of empirical antimicrobial therapy in ICU settings with high rates of multidrug-resistant bacteria: a multicentre prospective cohort study

Christina Routsis, Garyfallia Poulakou, K. Arvaniti, Aikaterini Gkoufa, Anna Vemvetsou, Elisabeth Paramythiotou, George Kassianidis, Athina Amerikanou, Georgios Anagnostoulis, Maria Konoglou, **Konstantinos Pontikis**, Helen Giamarellou

28th ECCMID, Madrid, Spain, April 2018

23. Plazomicin is associated with fewer post-baseline infectious complications compared with colistin in patients with serious infections due to carbapenem-resistant Enterobacteriaceae (CRE): results from the randomized, controlled CARE study

Konstantinos Pontikis, Anna Skiada, Alisa Serio, Alex Smith, Lynn Connolly

28th ECCMID, Madrid, Spain, April 2018

Citations: 2

24. Colistin Concentration in Epithelial Lining Fluid (ELF), Following High-Dose Colistimethate Sodium (CMS) Nebulization, Using Two Different Nebulizers

A Kyriakoudi, G Valsami, **K Pontikis**, S Avgeropoulou, E Neroutsos, E Christodoulou, E Moraitou, S Markantonis, A Dekoumetzidis, A Koutsoukou

ATS 2020 International Conference, Philadelphia, PA, USA, May 2020

25. **Factors correlated with outcome in ARDS COVID-19 patients on Extracorporeal Membrane Oxygenation (ECMO): a Greek center experience**

Anna Kyriakoudi, Georgios Gavrilidis, **Konstantinos Pontikis**, Magdalini Kyriakopoulou, Vasiliki Tsagkari, Nikolaos Kakaras, Antonia Koutsoukou

ESICM LIVES 2023

26. **The utility of lung ultrasound in COVID-19 pneumonia in the intensive care unit in real life settings**

D. Toumpanakis, A. Kyriakoudi, E. Akoumianaki, E. Apostolakou, I. Ioannidou, E. Kaimakamis, E. Kaniaris, P. Kontou, M. Kyriakopoulou, E. Potamianou, C.Psarologakis, V. Soulountsi, N. Xirouchaki, A. Koutsoukou, **K. Pontikis**

ERS Congress, 2023

27. **Efficacy and safety of aztreonam-avibactam for the treatment of serious infections caused by metallo- β lactamase (MBL) producing multidrug resistant Gram-negative bacteria: Phase 3 ASSEMBLE trial**

George L. Daikos, José Miguel Cisneros, Yehuda Carmeli, Minggui Wang, Chee Loon Leong, **Konstantinos Pontikis**, Anastasia Anderzhanova, Simin Florescu, Roman Kozlov, Eduardo Rodriguez Noriega, Mina Psychogiou, Pinyo Rattanaumpawan, Anca Streinu-Cercel, Venkramanian Ramasubramanian, Francis F. Arhin, Halley Rogers, Michele Wible, Joanne Leaney, Daria Jacobson, Rienk Pypstra, Joseph W. Chow

Ανακοίνωση που έχει γίνει αποδεκτή για το επερχόμενο ESCMID Global (πρώην ECCMID) 2024, Barcelona, Spain, 27-30 April 2024

5. I have participated in 29 poster or oral presentations at several Hellenic congresses

A complete list is available upon request

6. Attendance of international conferences

4/1997	State-Of-The-Art Interdisciplinary Review Course on Thoracic & Critical Care Medicine, Athens, Greece
10/2003	5 th European Congress of Chemotherapy and Infection, Rhodes, Greece
11/2005	10 th European AIDS Conference/ EACS, Dublin, Ireland
04/2006	10 th State-of-the-Art Interdisciplinary Review Course on Pulmonary Diseases, Critical Care, Emergency Medicine & Nursing Care
06/2006	5 th ESCMID Summer School of Clinical Microbiology and Infectious Diseases, Santander, Spain
02/2008	13 th International Symposium on Infections in the Critically Ill Patient, Athens, Greece
04/2008	18 th European Congress of Clinical Microbiology and Infectious Diseases, Barcelona, Spain
04/2009	21 st Annual Congress of the European Society of Intensive Care Medicine, Lisbon, Portugal
06/2009	Academy for Infection Management (AIM) meeting, Rhodes, Greece
03/2010	Mechanical Ventilation Workshop 2010, Interactive workshops and review στα πλαίσια του 30 th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium
03/2010	30 th International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium
09/2010	European Respiratory Society Annual Congress, Barcelona, Spain
10/2010	Infectious diseases hospital-based clinical experience programme, Madrid, Spain
03/2011	31 st International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium
10/2011	24 th Annual Congress of the European Society of Intensive Care Medicine, Berlin, Germany
03/2012	Postgraduate Workshop on Hemodynamic Monitoring: Technical Aspects: Making the Right Measures
03/2012	32 nd International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium
03/2013	33 rd International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium

05/2013	Hot topics on infections in critically ill patients, Athens, Greece
03/2015	35 th International Symposium On Intensive Care and Emergency Medicine, Brussels, Belgium
11/2015	1 st International Conference Approaching the Severely Infected Patient (ATHENA), Athens, Greece
04/2016	26 th European Congress of Clinical Microbiology and Infectious Diseases, Amsterdam, Netherlands
06/2017	ESICM Athens Regional Conference: Hemodynamic Monitoring
11/2017	ATHENA 2017 International Conference Approaching The Severely Infected Patient, Athens, Greece
04/2018	28 th European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain
12/2020	33 rd ESICM LIVES Annual Congress, Web
02/2021	Virtual Adult ECMO Management Course, Web
11/2021	ATHENA 2021 International Conference Approaching The Severely Infected Patient & the Patient in the Emergency Department, Athens, Greece
06/2022	CARE XIV: Fungal infections in critical care - principles and practice, Berlin, Germany
06/2022	ESICM LIVES Forum Athens, Athens, Greece
06/2023	Critical Care Review Meeting, Belfast, N. Ireland
10/2023	Better Methods for Clinical Studies in Infectious Diseases and Clinical Microbiology, Prague, Czech Republic

TEACHING ACTIVITIES

1. Special training, as a trainee

- 05/2006 **Fundamental Critical Care Support Provider**
- This is a program offered by the Society of Critical Care Medicine designed to provide individuals with no prior critical care experience with the fundamental principles of critical care medicine. The program includes both theoretical instruction and practical training. A certificate is awarded upon completion of the program, which includes specialized training and written examinations.
- 06/2006 **European Society of Clinical Microbiology and Infectious Diseases (ESCMID) 5th Summer School**
- This is a one-week course offered by the European Society of Clinical Microbiology and Infectious Diseases, designed for postgraduate medical education. The course covers a wide range of topics in clinical microbiology and infectious diseases, attracting final-year medical residents, biologists, PhD candidates, and postgraduate students with a particular interest in the field of infections.
- 01/2007-03/2008 Following the completion of my specialization in Internal Medicine and during my tenure at the 4th Department of Internal Medicine, National and Kapodistrian University of Athens, initially as an external collaborator and subsequently as a junior doctor, I had the opportunity to work and train at the Infectious Diseases Unit of Attikon University General Hospital. This position was assigned to me by the department's management, under the direct supervision of Professor E. Giamarellou and (at the time) Associate Professor K. Kanellakopoulou. In this setting, I acquired **specialized clinical experience in the field of infectious diseases**.
- 03/2008-04/2010 **Specialization in Intensive Care** at the 2nd Department of Intensive Care, University of Athens (Professor A. Armaganidis). My specialization title was awarded after written and oral examinations in July 2010.
- 11/2008 I attended the 14th Postgraduate Seminar on '**Basic Principles of Mechanical Ventilation**' at the PAGNI Intensive Care Unit in Heraklion. This specialized training provided me with in-depth knowledge and practical skills in managing patients requiring mechanical ventilation.
- 01/2009-01/2010 Participation in the **15th Postgraduate Program in Prehospital Emergency Medicine**
- This was a postgraduate program organized by the National Emergency Response Center, focusing on providing prehospital emergency medical care. I have successfully completed both the theoretical and practical components of the program and have been awarded a certificate upon passing written and oral examinations.
- 03/2010 **Special training in Mechanical Ventilation:** Mechanical Ventilation Workshop 2010, Interactive workshops and review during the 30th International Symposium on Intensive Care and Emergency Medicine, Brussels,

Belgium

- 03/2012 **Special training in hemodynamic support:** Postgraduate Workshop on Hemodynamic Monitoring: Technical Aspects: Making the Right Measures during the 32nd International Symposium on Intensive Care and Emergency Medicine
- 10/2019 **Specialized training in Good Clinical Practice (GCP)** through participation in the "COMBACTE GCP training" seminar held in Athens between October 15th and 16th, 2019. The COMBACTE network (now ECRAID) is a research network based at Utrecht University, with which I maintain connections through participation in the network's clinical studies and training programs such as the one mentioned.
- 03/2021 **Specialized training in extracorporeal membrane oxygenation (ECMO).** I attended a 40-hour in-person training program at Pitié-Salpêtrière University Hospital in Paris, France, under the direction of Professor Alain Combes, and was awarded the "ECMO Diploma".
- 05/2021 **Specialized training in respiratory extracorporeal membrane oxygenation (ECMO)** through a 5-day online course titled "Introduction to Respiratory ECMO", offered by the ECMO team at Guy's and St. Thomas' NHS Foundation Trust in London, under the direction of Professor Nicholas Barrett.
- 05/2022 **Specialized training in extracorporeal membrane oxygenation (ECMO)** through a 3-day in-person "ECMO training course" organized by the Team for Mechanical Support – ECMO team at Prague University Hospital, Czech Republic, under the direction of Professor Jan Bělohávek.
- 12/2022 **Specialized training in National Infectious Disease Outbreak Management** through participation (as a representative of the "Sotiria" General Hospital) in the exercise: 'International Tabletop Exercise Points of Entry – Measures and Contact Tracing' organized by the SHARP project, the Serbian Public Health Institute, the Robert Koch Institute, and the National Public Health Organization in Athens between December 8-9, 2022.

2. As a trainer

- **Trainer of fourth- and sixth-year medical students** at the National and Kapodistrian University of Athens Medical School during their rotations in "Semiology" and "Internal Medicine" at the Fourth Medical Department, throughout my tenure at the clinic (2003-2008), both as a resident and as an attending physician. The training encompassed theoretical instruction, practical training, and clinical discussions on topics of semiology, nosology, and differential diagnosis.
- **Trainer of residents, nurses, and medical students** during my intensive care specialization at the Second Department of Intensive Care, University of Athens (2008-2010).
- **Trainer for fifth-year medical students of the National and Kapodistrian University of Athens in the course "Intensive Care", as well as residents, fellows, and nurses**, during my tenure at the Intensive Care Unit and High Dependency Unit of the First University Pulmonary Clinic, "Sotiria" General Hospital.
- Participation in the **Annual Panhellenic Educational Program on Infections** (with participation of Infectious Disease fellows) in 2015-16 (Lesson 8, May 24, 2016)
- Participation in the **Internal Medicine Nursing Specialization Program** during 2016-17 and 2017-18 where I presented a lecture on infection control and bloodstream infection prevention
- Participation in the Educational Program of the First Pulmonary Clinic, NKUA, the Third Internal Medicine Clinic, NKUA, and the Microbiology Laboratory and Mycobacteria Reference Laboratory of the "Sotiria" General Hospital.
- Initiator, organizer, and trainer of the annual seminar: 'Intensive Care Nursing Education (ICNE)', co-organized by the Intensive Care Unit of the First Pulmonary Clinic, University of Athens, the Greek Nursing Research and Education Society, and the Department of Nursing A', Technical University of Athens. Each annual seminar had an average attendance of ~40 nurses. Specifically (the 1st ICNE was held internally in the ICU of the First Pulmonology Clinic, NKUA):
 - 2nd ICNE, 01/2013-06/2013: I presented the following lectures: "Prevention of hospital-acquired infections", "The critically ill patient who deteriorates", and I was responsible for the "Post-resuscitation care" station in the cardiopulmonary resuscitation training.
 - 3rd ICNE, 10/2013-06/2014: I presented the following lectures: "Prevention of infectious agents' transmission", "Hand hygiene, VAP prevention, and bloodstream infections", "The critically ill patient who deteriorates", and "States of altered consciousness". I was responsible for the "Post-resuscitation care" station in the cardiopulmonary resuscitation training.
 - 4th ICNE, 01/2015-06/2015: I presented the following lectures: "Prevention of infectious agents' transmission", "Hand hygiene, VAP prevention, and bloodstream infections", "The critically ill patient who deteriorates".
 - 5th ICNE, 01/2016-06/2016: I presented the following lectures: "Prevention of infectious agents' transmission", "Hand hygiene, VAP prevention, and bloodstream infections".
 - 6th ICNE, 01/2017-06/2017: I presented the following lectures: "Prevention of infectious agents' transmission", "Hand hygiene, VAP prevention, and bloodstream infections".
 - Specialized ICNE: April 27-29, 2018, Athens: I presented the lectures: "Infections I" and "Infections II".
 - Specialized ICNE: September 21-23, 2018, Achilopoulos Hospital, Volos: I presented the lectures: "Infections I" and "Infections II".
 - Specialized ICNE: November 1-3, 2019, Corfu Hospital: I presented the lectures: "Infections I" and "Infections II".
- Trainer and organizer of the annual seminar "Hemodynamic monitoring and support of the critically ill patient: From theory to clinical practice" organized by the ICU of the First Pulmonology Clinic, NKUA, between 2014 and 2022. Specifically, I was responsible for the following lectures:

- 2014: "Early goal-directed therapy in the clinic and in the Intensive Care Unit"
- 2015: "Interpretation of the results of right heart catheterization" and "Early goal-directed therapy in the clinic and in the Intensive Care Unit"
- 2016: "Interpretation of the results of right heart catheterization" and "Early goal-directed therapy. Recent data"
- 2017: "Interpretation of the results of right heart catheterization" and "Early goal-directed therapy. Recent data"
- 2018: "Interpretation of the results of right heart catheterization" and "Contemporary hemodynamic management of septic shock". Participation as a trainer in the clinical workshop "Training in the application and interpretation of hemodynamic monitoring in Intensive Care Unit patients".
- 2019: "Interpretation of the results of right heart catheterization" and "Contemporary hemodynamic management of septic shock". Participation as a trainer in the clinical workshop "Training in the application and interpretation of hemodynamic monitoring in Intensive Care Unit patients".
- 2020: "Interpretation of the results of right heart catheterization" and "Contemporary hemodynamic management of septic shock". Participation as a trainer in the clinical workshop "Training in the application and interpretation of hemodynamic monitoring in Intensive Care Unit patients".
- 2022: "Interpretation of the results of right heart catheterization" and "Contemporary hemodynamic management of septic shock".
- Continuous participation as a lecturer in the **"Intensive Care School"** since 2015, a program held by the Hellenic Society of Intensive Care Medicine, which is primarily aimed the young fellows in intensive care. I have been responsible for the lecture entitled "Infection control and prevention" throughout this period.
- Participation as a lecturer in the **Postgraduate Program "Respiratory Failure and Mechanical Ventilation"**, specifically in the courses: "Intensive Care", "Physiology-Pathophysiology of Respiratory Failure", "Respiratory System Diseases", "Semiology of Medical and Surgical Patients", and "Management of Acute Respiratory Conditions in the Emergency Department", continuously from the academic year 2018-19 until now. I am responsible for the course "Semiology of Medical and Surgical Patients". I have been a member of the Three-Member Committee in 11 diploma theses and as a Supervising Professor in one.
- Lecturer in the **University of Athens Postgraduate Program "Cardiopulmonary Rehabilitation and Rehabilitation of ICU Patients"**
- Instructor since December 2023 in the **"Basic assessment and support in Intensive Care - Intensive Care Training"** seminar, implemented by the THORAX Foundation in collaboration with the Hellenic Society of Intensive Care. This program is aimed at healthcare professionals and provides training for the pre-ICU care of critically ill patients.
- Trainer in the **European educational program 'C19_SPACE'**. This program is organized under the auspices of the European Society of Intensive Care Medicine (ESICM Academy) and focuses on training specialists and trainees in the management of critically ill patients with severe COVID-19.

INVOLVEMENT IN SCIENTIFIC SOCIETIES AND RESEARCH TEAMS

- Active member of the Hellenic Society of Intensive Care, serving on the Board of Directors since 2017. Regularly participating in the activities of the Hellenic Societies for Infections and Antimicrobial Chemotherapy.
- European Investigators' Network for Nebulized Antibiotics in Ventilator-associated pneumonia

SKILLS

1. SPOKEN LANGUAGES

Greek Native speaker

English University of Michigan – Certificate of Proficiency in English

French Basic knowledge

2. SOFTWARE PROFICIENCY

- Excellent knowledge of Microsoft Office tools (Word, Excel, PowerPoint, Access)
- Excellent knowledge of internet services
- Excellent knowledge of scientific writing software (Mendeley, EndNote, RefMan, etc.)
- Good knowledge of the statistical software SPSS
- Ability to create electronic data forms on online platforms (Castor EDC, RedCAP)