

CURRICULUM VITAE

PERSONAL DETAILS

First Name: Edison
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Gender: Male
Date of Birth: 15-06-1987
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COMMUNICATION DETAILS

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EDUCATION:

2014-2018 **Phd Degree**, Medical School, National and Kapodistrian University of Athens “Excellent”

2010-2016 **Medical Degree**, National and Kapodistrian University of Athens
Grade “Very Good”

2010-2012 **MSc Degree** in “Intensive Care Units and Emergency Nursing”,
National and Kapodistrian University of Athens, Grade “Excellent”

2006-2010 **BSc Degree** in Nursing, Technological Educational Institute of Athens,
Grade “Excellent”

FOREIGN LANGUAGES

English **Very Good**, Certificate of Competency in English (University of Michigan)

IT SKILLS

- Microsoft office (ECDL Core)
 - IC3 International Computing Core Certification
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COURSES

16-17/09/2017 Course in Research Methodology by Hellenic Society of Nursing Research and Education

17/06/2017 Basic Life Support by European Resuscitation Council

CONFERENCE ANOUNCEMENTS

1. Alice G. Vassiliou, Anastasia Kotanidou, Zafeiria Mastora, **Edison Jahaj**, Chrysi Keskinidou, Maria E. Pratikaki, Efstathia Kampisiouli, Stylianos E. Orfanos and Ioanna Dimopoulou. Serum coenzyme Q10 levels decrease during progression from critical illness to sepsis/septic shock. ESICM LIVES 2020 Digital, 6-9 December 2020. Intensive Care Medicine Experimental 2020 8(Suppl 2): 000020
2. A.G. Vassiliou, A. Kotanidou, D.A. Vassiliadi, C. Keskinidou, **E. Jahaj**, S.E. Orfanos, S. Tsagarakis, I. Dimopoulou. Mineralocorticoid receptor expression in critically ill patients. ESICM LIVES 2020 Digital, 6-9 December 2020. Intensive Care Medicine Experimental 2020 8(Suppl 2): 8(2): 000021
3. A.G. Vassiliou, I. Dimopoulou, **E. Jahaj**, Z. Mastora, S.E. Orfanos, A. Kotanidou. Prognostic factors of heterotopic ossification in critically ill patients. 40th International Symposium on Intensive Care & Emergency Medicine: Brussels, Belgium. 24-27 March 2020. Critical Care 2020, 24(Suppl 1):P407.
4. V. Mantziou, A. Kotanidou, **E. Jahaj**, A.G. Vassiliou, E. Kampisiouli, I. Dimopoulou. Cognitive and mental assessment in a general intensive care unit (ICU) population one year after hospital discharge: preliminary results of a prospective study. 40th International Symposium on Intensive Care & Emergency Medicine: Brussels, Belgium. 24-27 March 2020. Critical Care 2020, 24(Suppl 1):P388.
5. A.G. Vassiliou, G. Stamogiannos, G. Floros, E. Botoula, **E. Jahaj**, D.A. Vassiliadi, S. Tsagarakis, M. Tzanela, I. Ilias, S.E. Orfanos, A. Kotanidou, I. Dimopoulou. Dissociation of glucocorticoid receptor expression alpha/beta and adrenal function during critical illness. ESICM LIVES 2019, Berlin 28 September - 02 October 2019. Intensive Care Medicine Experimental 2019, 7(Suppl 3):000849
6. Alice G. Vassiliou, **E. Jahaj**, Z. Mastora, I. Dimopoulou, A. Kotanidou and S.E. Orfanos. Implication of Aquaporin-1 in the stress response of human lung microvascular endothelial cells. ERS International Congress, Madrid 28 September - 02 October, 2019. European Respiratory Journal 54 (suppl 63) PA2266; DOI: 10.1183/13993003.congress-2019.PA2266. Published 21 November 2019
7. D.A. Vassiliadi, A.G. Vassiliou, G. Stamogiannos, G. Floros, E. Botoula, **E. Jahaj**, M. Tzanela, S.E. Orfanos, A. Kotanidou, I. Dimopoulou, S. Tsagarakis. Glucocorticoid receptor alpha and beta expression, serum cortisol and cytokine levels in critical illness. 21st European Congress of Endocrinology. 18-21 May 2019 Lyon, France. Endocrine Abstracts (2019) 63 P1026 | DOI: 10.1530/endoabs.63.P1026.
8. A.G. Vassiliou, G. Floros, **E. Jahaj**, G. Stamogiannos, S. Gennimata, D.A. Vassiliadi, S. Tsagarakis, I. Ilias, S.E. Orfanos, A. Kotanidou, I. Dimopoulou. Decreased glucocorticoid expression during critical illness. ESICM LIVES 2018, Paris 20-24 October 2018. Intensive Care Medicine Experimental 2018, 6(Suppl 2):0566.
9. The H3 haplotype of the EPCR gene determines high sEPCR levels in critically-ill patients. **E Jahaj**, A Vassiliou, Z Mastora, SE Orfanos, A Kotanidou.. 37th International Symposium on Intensive Care and Emergency Medicine. 21-24 March 2017, Brussels
10. The role of ghrelin in critically-ill patients with sepsis. Ioanna Nikitopoulou, Anastasia Kotanidou, Alice Vassiliou, **Edison Jahaj**, Stylianos Orfanos. European Respiratory Journal 50 (suppl 61), 2017

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11. Low vitamin D levels at ICU admission in initially non-septic patients and outcomes. Alice G. Vassiliou, **Edison Jahaj**, Zafeiria Mastora, Stylianos E. Orfanos, Anastasia Kotanidou. *European Respiratory Journal* 50 (suppl 61) 2017
 12. Serum Vitamin D Status: Healthy Adult Population Vs. ICU Patients And Impact On Their Outcome. M Pratikaki, A Melpidou, AG Vassiliou, **E Jahaj**, C Psachoulia, L Kyriou, V Stamoulis, S Ioannidou. EuroMedLab Athens, 11-15 June 2017, Clin. Chem. Med. Lab. 2017: Special Suppl., pp S1-S1121, June 2017.
 13. Vassiliou AG, Pratikaki M, **Jahaj E**, Mastora Z, Orfanos SE & Kotanidou A. Serum 25-hydroxyvitamin D levels and outcomes in the critically-ill. 26th ECCMID, 9-12 April, Amsterdam, 2016
 14. Biomarkers of Endothelial Dysfunction/Activation at ICU Admission as Predictors of Sepsis Development. S.E. Orfanos, A.G. Vassiliou, Z. Mastora, **E. Jahaj**, N.A. Maniatis, A. Koutsoukou, A. Armaganidis, A. Kotanidou. American Thoracic Society 2014. San Diego 16-21 May.
 15. Microcirculation monitoring in critically ill patients. Z. Mastora, **E. Jahaj**, A. Marvaki, V. Michail, P. Albani, N. Beretas, V. Paparegas, N.A. Maniatis, S. Nanas, S.E. Orfanos, A. Kotanidou., *Intensive Care Medicine*, Supplement 2, Volume 39, October 2013, ESICM LIVES 2013, 26th Annual Congress, Paris, France, 5-9 October
 16. S. Tsakiris, S.E. Orfanos, S. Spyridonidou, A.G. Vassiliou, **E. Jahaj**, E. Manolakopoulos, A. Kotanidou. Polymorphism of the Ghrelin gene (rs26802) lowers the risk of severe sepsis in critically ill patients. 26th Annual Congress of the European Society of Intensive Care Medicine, Paris 5-9 October 2013. *Intensive Care Medicine Supplement 2*, Volume 39 October 2013:0389
 17. A.G. Vassiliou, N.A. Maniatis, S.E. Orfanos, Z. Mastora, **E. Jahaj**, A. Armaganidis, C. Roussos, V. Aidinis, A. Kotanidou (2012). Detection of Aquaporin-1 in neutrophils and its role in the innate immune response of sepsis. American Thoracic Society International Conference, 18-23 May, San Francisco California, Vol 185: A6816.
 18. A.G. Vassiliou, N.A. Maniatis, S.E. Orfanos, Z. Mastora, **E. Jahaj**, A. Armaganidis, C. Roussos, V. Aidinis, A. Kotanidou (2012). Detection of Aquaporin-1 in neutrophils and its role in the innate immune response of sepsis. American Thoracic Society International Conference, 18-23 May, San Francisco California, Vol 185: A6816.

PUBLICATIONS

1. AG Vassiliou, A. Zacharis, C Keskinidou, **E Jahaj**, N. Athanasiou, S. Tshipilis, I Dimopoulou, A Kotanidou and SE Orfanos. The role of serum endothelial cell adhesion molecules in COVID-19. In preparation
2. AG Vassiliou, C Keskinidou, **E Jahaj**, A Zacharis, N Athanasiou, S Tshipilis, I Dimopoulou, SE Orfanos and A Kotanidou. Inflammation biomarkers in critically-ill COVID-19 patients. In preparation
3. DA Vassiliadi, A Diamantopoulos, Alice G Vassiliou, I Ilias, E. Botoula, **E Jahaj**, C. Keskinidou, S Tshipilis, A Zacharis, N Athanasiou, SE Orfanos, A Kotanidou, S Tsagarakis and I Dimopoulou. Cortisol and GCR- α expression levels in critically and non-critically ill patients with SARS-CoV-2 infection. In preparation
4. Alice G. Vassiliou, D.A. Vassiliadi, **E. Jahaj**, C. Keskinidou, I. Ilias, S.E. Orfanos, A. Kotanidou, S. Tsagarakis and I. Dimopoulou. Mineralocorticoid receptor is down-regulated and 11beta-hydroxysteroid dehydrogenase type 2 is up-regulated in peripheral polymorphonuclear cells of critically ill patient. Under review
5. Ilias, A. Diamantopoulos, E. Botoula, N. Athanasiou, A Zacharis, S. Tshipilis, **E. Jahaj**, A. G. Vassiliou, D. Vassiliadi, A. Kotanidou, S. Tsagarakis, I. Dimopoulou. COVID-19 and Growth Hormone/Insulin-like growth factor 1: study in critically and non-critically ill patients. Under Review
6. DA Vassiliadi, I Ilias, M Pratikaki, **E Jahaj**, Alice G Vassiliou, M Detsika, K Ampelakiotou, M Koulenti, S Tshipilis, E Gavrielatou, A Diamantopoulos, A Zacharis, N Athanasiou, SE Orfanos, A Kotanidou, S Tsagarakis and I Dimopoulou. Thyroid hormone alterations in critically and non-critically ill patients with SARS-CoV-2 infection. Under Review
7. CS Vrettou, AG Vassiliou, I Kakkas, **E Jahaj**, S Tshipilis, N Athanasiou, A Zacharis, C Keskinidou, A Papageorgiou, SE Orfanos, A Kotanidou and I Dimopoulou. Low admission immunoglobulin G levels predict poor outcome in patients with mild-to-critical COVID-19: a prospective, single-center study. Under Review
8. A.G. Vassiliou, N. Athanasiou, C. Keskinidou, **E. Jahaj**, S. Tshipilis, A. Zacharis, E. Botoula, A. Diamantopoulos, I. Ilias, D.A. Vassiliadi, S. Tsagarakis, A. Kotanidou, I. Dimopoulou. Increased glucocorticoid receptor alpha expression and signaling in critically-ill COVID-19 patients. Under Revision
9. AG Vassiliou, C Keskinidou, **E Jahaj**, A Zacharis, S Tshipilis, N Athanasiou, I Dimopoulou, A Kotanidou and SE Orfanos. Could soluble endothelial protein C receptor levels recognize SARS-CoV2-positive patients requiring hospitalization? Revision submitted
10. AG Vassiliou, N Athanasiou, DA Vassiliadi, **E Jahaj**, C Keskinidou, SE Orfanos, A Kotanidou, I Dimopoulou. Mineralocorticoid and glucocorticoid receptor expression in critical illness. World Journal of Critical Care Medicine. Invited Review. Accepted
11. AG Vassiliou, **E Jahaj**, SE Orfanos, I Dimopoulou and A Kotanidou. Vitamin D in respiratory infections. World Journal of Critical Care Medicine. Invited Review. Accepted
12. Alice G. Vassiliou, Ioanna Dimopoulou, **Edison Jahaj**, Chrysi Keskinidou, Zafeiria Mastora, Stylianos E. Orfanos MD and Anastasia Kotanidou. Selection of the appropriate control group is essential in evaluating the cytokine storm in COVID-19. In Vivo. 2021 Mar-Apr;35(2):1295-1298. doi: 10.21873/invivo.12381.
13. Maria G. Detsika, Kleio Ampelakiotou, Eirini Grigoriou, Katherina Psarra, **Edison Jahaj**, Charis Roussos, Ioanna Dimopoulou, Stylianos E. Orfanos, Alexandra Tsirogianni, Anastasia Kotanidou A novel ratio of CD8⁺:B-cells as a prognostic marker of coronavirus disease 2019 patient progression and outcome.. Virology, 2021, ISSN 0042-6822, <https://doi.org/10.1016/j.virol.2021.01.002>
14. Alice G. Vassiliou, Chrysi Keskinidou, **Edison Jahaj**, Ioanna Dimopoulou, Anastasia Kotanidou and Stylianos E. Orfanos. ICU admission levels of endothelial biomarkers as predictors of mortality in a cohort of critically-ill COVID-19 patients. Cells 2021, 10(1), 186; <https://doi.org/10.3390/cells1001018>
15. Ilias, A. Diamantopoulos, M. Pratikaki, E. Botoula, **E. Jahaj**, N. Athanasiou, S. Tshipilis, A. Zacharis, A. G. Vassiliou, D. Vassiliadi, A. Kotanidou, S. Tsagarakis, I. Dimopoulou. Glycemia, beta-cell function and sensitivity to insulin in mildly to critically ill COVID-19 patients. Medicina, 2021, 10.3390/medicina57010068.
16. Alice G. Vassiliou, **Edison Jahaj**, Maria Pratikaki, Chrysi Keskinidou, Maria Detsika, Eirini Grigoriou, Katherina Psarra, Stylianos E. Orfanos, Alexandra Tsirogianni, Ioanna Dimopoulou and Anastasia Kotanidou. Vitamin D deficiency correlates with a reduced number of natural killer cells in intensive care unit (ICU) and non-ICU patients with COVID-19 pneumonia. Hellenic Journal of Cardiology. S1109-9666(20)30284-0. <https://doi.org/10.1016/j.hjc.2020.11.011>

17. Alice G. Vassiliou, **Edison Jahaj**, Maria Pratikaki, Stylianos E. Orfanos, Ioanna Dimopoulou and Anastasia Kotanidou. Low vitamin D levels on admission to the intensive care unit may predispose COVID-19 pneumonia patients to a higher 28-day mortality risk: A pilot study on a Greek ICU cohort. *Nutrients* 2020, 12(12), 3773; <https://doi.org/10.3390/nu12123773>
18. N Orologas-Stavrou, M Politou, P Rousakis, IV Kostopoulos, I Ntanasis-Stathopoulos, **Edison Jahaj**, E Tsiligkeridou, M Gavriatopoulou, E Kastritis, A Kotanidou, MA Dimopoulos, OE Tsitsilonis, E Terpos. Peripheral Blood Immune Profiling of Convalescent Plasma Donors Reveals Alterations in Specific Immune Subpopulations Even at 2 Months Post SARS-CoV-2 Infection. *Viruses* 2020 Dec 25;13(1):26. doi: 10.3390/v13010026.
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20. Halvatsiotis P, Kotanidou A, Tzannis K, **Jahaj E**, Magira E, Theodorakopoulou M, Konstandopoulou G, Gkeka E, Pourzitaki C, Kapravelos N, Papoti S, Sileli M, Gogos C, Velissaris D, Markou N, Stefanatou E, Vlachogianni G, Aimonioutou E, Komnos A, Zafeiridis T, Koulouvaris P, Armaganidis A, Bamias A, Dimopoulos G. Demographic and clinical features of critically ill patients with COVID-19 in Greece: The burden of diabetes and obesity. *Diabetes Res Clin Pract.* 2020 Aug;166:108331. doi: 10.1016/j.diabres.2020.108331. Epub 2020 Jul 17. PMID: 32682810
21. Vlachoyiannopoulos PG, Magira E, Alexopoulos H, **Jahaj E**, Theophilopoulou K, Kotanidou A, Tzioufas AG. Autoantibodies related to systemic autoimmune rheumatic diseases in severely ill patients with COVID-19. *Ann Rheum Dis.* 2020 Dec;79(12):1661-1663. doi: 10.1136/annrheumdis-2020-218009. Epub 2020 Jun 24. PMID: 32581086
22. Stergiannis P, Govari M, **Jahaj E**, Marvaki C, Toulia G, Marvaki K, Chasioti G, Intas G. Sleep Disorders and Restless Legs Syndrome in Hemodialysis Patients in Greece: A Cross-Sectional Study. *Adv Exp Med Biol.* 2020;1195:155-162. doi: 10.1007/978-3-030-32633-3_21. PMID: 32468471
23. A.G. Vassiliou, **E. Jahaj**, Z. Mastora, I. Karnezis, I. Dimopoulou, S.E. Orfanos, A. Kotanidou. Prognostic Value of Bone Formation and Resorption Proteins in Heterotopic Ossification in Critically-Ill Patients. A Single-Centre Study. *The Journal of Critical Care Medicine.* Online ahead of print. DOI: 10.2478/jccm-2020-0046
24. Alice G Vassiliou, **Edison Jahaj**, Ioannis Ilias, Vassiliki Markaki, Sotirios Malachias, Charikleia Vrettou, Eleni Ischaki, Zafeiria Mastora, Evangelia Douka, Chrysi Keskinidou, Stamatios Tsipilis, Dimitra A Vassiliadi, Anastasia Kotanidou, Ioanna Dimopoulou. Lactate Kinetics Reflect Organ Dysfunction and Are Associated with Adverse Outcomes in Intensive Care Unit Patients with COVID-19 Pneumonia: Preliminary Results from a GREEK Single-Centre Study. *Metabolites* 2020, 10(10), 386; <https://doi.org/10.3390/metabo10100386>
25. A.G. Vassiliou, Z. Mastora, **E. Jahaj**, C. Keskinidou, M.E. Pratikaki, E. Kampisiouli, S.E. Orfanos, A. Kotanidou and I. Dimopoulou. Serum coenzyme Q10 levels decrease during progression from critical illness to sepsis/septic shock. *Biological Research for Nursing.* 2020 Jul 24;1099800420944489. doi: 10.1177/1099800420944489
26. Ilias, Ioannis, **Jahaj, Edison**, Kokkoris, Stylianos, Zervakis, Dimitrios, Temperekidis, Prodromos, Magira, Eleni, Pratikaki, Maria, Vassiliou, Alice, Routsis, Christina, Kotanidou, Anastasia, Dimopoulou, Ioanna. Hyperglycaemia and SARS-CoV-2 infection in Intensive Care Unit patients: A case series. *In Vivo.* 2020 Sep-Oct;34(5):3029-3032
27. A.G. Vassiliou, G. Stamogiannos, **E. Jahaj**, E. Botoula, G. Floros, D.A. Vassiliadi, I. Ilias, S. Tsagarakis, M. Tzanela, S.E. Orfanos, A. Kotanidou, I. Dimopoulou. Longitudinal evaluation of glucocorticoid receptor alpha/beta expression and signalling, adrenocortical function and cytokines in critically ill steroid-free patients. *Mol Cell Endocrinol.* 2020 Feb 5;501:110656. doi: 10.1016/j.mce.2019.110656. Epub 2019 Nov 19
28. Nikitopoulou, E. Kampisiouli, **E. Jahaj**, A.G. Vassiliou, I. Dimopoulou, Z. Mastora, K. Perreas, S. Tsakiris, M. Tzanela, C. Routsis, S.E. Orfanos, A. Kotanidou. Ghrelin alterations during experimental and human sepsis. *Cytokine.* 2020 Mar;127:154937. doi: 10.1016/j.cyto.2019.154937. Epub 2019 Dec 9
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30. Vassiliou, AG, **Jahaj, E**, Mastora, Z., Stagaki, E., Orfanos, SE & Kotanidou, A. Vitamin D and sepsis outcomes in the critically-ill. *Shock.* 2018 Jan 15. doi: 10.1097/SHK.0000000000001105. [Epub ahead of print]
31. Vassiliou AG, Mastora Z, **Jahaj E**, Koutsoukou A, Orfanos SE, Kotanidou A. Does Serum Lactate Combined with Soluble Endothelial Selectins at ICU Admission Predict Sepsis Development? *In Vivo.* 2015 03-04;29(2):305-308.
32. Alice G. Vassiliou, Anastasia Kotanidou, Zafeiria Mastora, Nikolaos A. Maniatis, Panagiota Albani, **Edison Jahaj**, Antonia

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- Koutsoukou, Apostolos Armaganidis, Stylianos E. Orfanos. Elevated soluble endothelial protein C receptor levels at ICU admission are associated with sepsis development. *Minerva Anesthesiol.* 2014 Sep 15.
33. Alice G Vassiliou, Zafeiria Mastora, Stylianos E Orfanos, **Edison Jahaj**, Nikolaos A Maniatis, Antonia Koutsoukou, Apostolos Armaganidis, Anastasia Kotanidou. Elevated biomarkers of endothelial dysfunction/activation at ICU admission are associated with sepsis development. *Cytokine.* 2014 Jul 9;69(2):240-247.
34. Vassiliou AG, Maniatis NA, Orfanos SE, Mastora Z, **Jahaj E**, Paparountas T, Armaganidis A, Roussos C, Aidinis V, Kotanidou A. Induced expression and functional effects of aquaporin-1 in human leukocytes in sepsis. *Crit Care.* 2013 Sep 12;17(5):R199

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Available upon request