

Curriculum Vitae

PERSONAL INFORMATION

Family name, First name: VASSILIOU, ALICE GEORGIA

Researcher unique identifier(s) (ORCID): 0000-0003-4984-0476

Date of birth: 18/MAR/1975

Nationality: GREEK

Place of birth: Melbourne, Australia

• EDUCATION

2005 PhD
Faculty of Life Sciences, Department of Biology, School of Biochemistry and Molecular Biology, National & Kapodistrian University of Athens, Greece. Supervisor: Prof. Emmanouil Fragoulis. Title of Dissertation: “Isolation and biochemical characterization of endogenous Ddc inhibitors from human placenta and serum”.

2000 Master of Philosophy
Faculty of Medicine, School of Clinical and Laboratory Sciences, University of Newcastle upon Tyne, U.K. Supervisors: Prof. B. Westley and Dr F.E.B. May. Title of Dissertation: “Human trefoil proteins”.

1996 Honours in Biochemistry
Department of Biochemistry, School of Molecular Sciences, Faculty of Science and Technology, La Trobe University, Australia

1995 Bachelor of Science
Faculty of Science and Technology, La Trobe University, Australia

• CURRENT POSITION(S)

Sep 2018 – Today Coordinator of the Research Laboratories of the Postgraduate educational programme in Critical Care, Faculty of Medicine, 1st Department of Critical Care & Pulmonary Services, National & Kapodistrian University of Athens, Greece

• PREVIOUS POSITIONS

2016 – Aug 2018 Academic Scholar
Faculty of Medicine, 1st Department of Critical Care & Pulmonary Services, National & Kapodistrian University of Athens, Greece

2010 – 2016 Postdoctoral Fellow
Faculty of Medicine, 1st Department of Critical Care & Pulmonary Services, National & Kapodistrian University of

Athens, Greece

- 2007 – 2010 Clinical Research Associate
Pharmaserve-Lilly, Pharmaceutical Company, Greece
- 2006 - 2007 Assistant Lecturer
Faculty of Molecular Biology & Genetics, Demokriteio
University of Thrace, Panepistimioupolis, Dragana,
Alexandroupoli, Greece
- 2004 – 2006 Postdoctoral Research Scientist
Faculty of Science, Department of Biology, National and
Kapodistrian University of Athens, Greece

• **FELLOWSHIPS**

- 2000 Awarded PhD scholarship in the School of Biomedical Sciences,
Imperial College London, UK (Multiple Sclerosis Society UK fund)
- 1997 – 2000 PhD Scholarship, Faculty of Medicine, School of Clinical and
Laboratory Sciences, University of Newcastle-upon-Tyne, UK
(Cancer Research UK fund)
- 1996 Ranked for Candidature and Postgraduate Scholarship by the
Faculty of Science, Department of Biochemistry, La Trobe
University, Australia

• **SUPERVISION OF GRADUATE STUDENTS**

- 2000 – 2018 Number of PhD/ Master/ Graduate Students
15 PhD candidates/ 6 Master students/ 20 graduate students
- Medical School, 1st Department of Critical Care Medicine &
Pulmonary Services, GP Livanos and M Simou Laboratories, National
and Kapodistrian University of Athens, Greece
Faculty of Science, Department of Biology, National and
Kapodistrian University of Athens, Greece

• **TEACHING ACTIVITIES**

- 2006 – 2007 Assistant Lecturer – Molecular Biology, Demokriteio University of
Thrace, Panepistimioupolis, Dragana, Alexandroupoli, Greece
- 2006 – 2007 Supervisor of Biology I & II laboratory courses - Faculty of Science,
Hellenic Open University, Patras, Greece
- 2001 – 2006 Graduate Teaching Assistant – Biochemistry, Department of
Biochemistry and Molecular Biology, Faculty of Biology, University

of Athens, Greece

- **EDITORIAL BOARD MEMBER**

Austin Critical Care Case Reports, Annals of Medical Case Reports, Anesthesia and Critical Care.

- **REVIEWER**

Critical Care, Respiratory Research, American Journal of Respiratory And Critical Care Medicine, Annals of Intensive Care, Biomed Research Internat., BMC Infectious Diseases, Pharmaceutical Sciences, Frontiers, Journal of Internal Medicine and Patient Care, Biomarkers, Mediators of Inflammation, Journal of Molecular Biomarkers & Diagnosis, Journal of Blood Disorders & Transfusion, SOJ Anesthesiology & Pain Management, Journal of Cardiovascular Research, Biomedical Journals, Journal of Pulmonary & Respiratory Medicine, Journal of Neurology & Neurophysiology, Journal of International Medical Research, Journal of Critical Care, Journal of Clinical Medicine, Infectious Diseases and Therapy, International Journal of Molecular Sciences, Cells, IJMS, Pharmaceuticals, Membranes, JCM

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

European Society of Intensive Care Medicine (ESICM), European Respiratory Society (ERS).

CAREER BREAKS

2014 Awarded by the Academy of Athens for my publication entitled “Endothelial protein C receptor polymorphisms and risk of severe sepsis in critically ill patients”. Intensive Care Med. 2013 Oct;39(10):1752-9.

- **GRANTS**

2000 Development of methods of isolating peptides that can be used in the timely diagnosis and potential therapy of the neurodegenerative diseases Parkinson’s, Creutzfeldt-Jacobs, Scrapie, and Mad cow disease. Research Grant part of the Operational Programme for “Competitiveness”, Ministry of Development, General Secretariat for Research and Technology. Part of the Research Team.

2002 Isolation and characterisation of an L-Dopa decarboxylase inhibitor from human serum and placenta. Effect of an endogenous inhibitor on the enzymatic activity of L-Dopa decarboxylase human carcinomas of neuroendocrine origin. In vitro expression and biochemical study of a new L-Dopa decarboxylase isoform. Research Grant part of the Operational Programme for “Competitiveness”, Ministry of Development, General Secretariat for Research and Technology. Part of the Research Team.

2004 Study of common molecular mechanisms that lead to neurodegenerative diseases. Research Grant part of the Operational Programme for “ΕΠΕΑΕΚ -

Pythagoras I”, Ministry of Development, General Secretariat for Research and Technology. Part of the Research Team.

2006 Study of molecular mechanisms of neurogenerative diseases. Research Grant part of the Operational Programme for “ΕΠΕΑΕΚ II - Pythagoras II”, Ministry of Development, General Secretariat for Research and Technology. Part of the Research Team.

2007 Study of the expression of L-Dopa decarboxylase in cancer cells. Investigation of its differential diagnostic and prognostic value in prostate cancer. Research Grant part of the Operational Programme for “ΕΠΕΑΕΚ II”, Ministry of Development, General Secretariat for Research and Technology. Part of the Research Team.

2017 CrowdHealth. This project has received funding from the European Union’s Horizon 2020 Programme (H2020-SC1-2016-CNECT) under Grant Agreement No. 727560. Part of the Research Team.

2020 DopaHypoCov “Implication of dopamine, serotonin and hypoxia-inducible-factor pathways as determinant factors of SARS - CoV-2 pathogenesis and COVID-19 severity: Towards therapeutic application”. This project has received funding from the International Pasteur Network. Part of the Research Team.

• PUBLICATIONS

M Andriopoulou, N Dimaki, MS Kallistratos, E Chamodraka, E Jahaj, **AG Vassiliou**, G Giokas, A Kotanidou, AJ Manolis, MF Piepoli, G Filippatos. Skeletal muscle alterations and exercise intolerance in heart failure with preserved ejection fraction patients: ultrasonography assessment of diaphragm and quadriceps. Submitted.

DA Vassiliadi, **Alice G Vassiliou**, I Ilias, A. Kotanidou and I Dimopoulou. Pituitary adrenal responses and glucocorticoid receptor expression in critically patients with COVID-19. Invited Review. *Int J Mol Sci*. Under Review

DA Vassiliadi, A Diamantopoulos, **Alice G Vassiliou**, I Ilias, E. Botoula, E Jahaj, C. Keskinidou, S Tshipilis, A Zacharis, N Athanasiou, A Kotanidou, S Tsagarakis and I Dimopoulou. Adrenal function in relation to cytokines and outcome in non-critically ill patients with SARS-CoV-2 infection. In preparation

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

I Nikitopoulou, D Fanidis, K Ntatsoulis, P Moulos, G Mpekoulis, M Evangelidou, V Dimakopoulou, **Alice G Vassiliou**, E Jahaj, S Tshipilis, SE. Orfanos, I Dimopoulou, E Angelakis, K Akinosoglou, N Vassilaki, A Tzouvelekis, A Kotanidou, V Aidinis. Increased Autotaxin levels in severe COVID-19, correlating with IL-6 levels, endothelial dysfunction biomarkers, and impaired functions of dendritic cells. *Int. J. Mol. Sci.* 2021, 22(18), 10006; <https://doi.org/10.3390/ijms221810006>.

E. Jahaj, **Alice G. Vassiliou**, C. Keskinidou, P. Gallos, CS. Vrettou, Z. Mastora, S.E. Orfanos, I. Dimopoulou and A. Kotanidou. Evaluating the role of the interleukin-

23/17 axis in critically-ill COVID-19 patients. *J. Pers. Med.* 2021, 11(9), 891; <https://doi.org/10.3390/jpm11090891>.

I Ilias, M Pratikaki, A Diamantopoulos, E Jahaj, P Mourelatos, N Athanasiou, S Tshipilis, A Zacharis, **Alice G. Vassiliou**, DA Vassiliadi, S Tsagarakis, A Kotanidou, I Dimopoulou. Testosterone, free, bioavailable and total, in patients with COVID-19. *Minerva Endocrinology*. Accepted

AG Vassiliou, A. Zacharis, C Keskinidou, E Jahaj, N. Athanasiou, S. Tshipilis, I Dimopoulou, A Kotanidou and SE Orfanos. sACE2 is up-regulated and soluble eNOS is down-regulated in COVID-19-inflicted ARDS. *Pharmaceuticals* 2021, 14(7), 695; <https://doi.org/10.3390/ph14070695>.

AG Vassiliou, E Jahaj, SE Orfanos, I Dimopoulou and A Kotanidou. Vitamin D in infectious complications in critically ill patients with or without COVID-19. *Metabolism Open*. <https://doi.org/10.1016/j.metop.2021.100106>.

C Keskinidou, **AG Vassiliou**, A Zacharis, E Jahaj, P Gallos, I Dimopoulou, SE Orfanos and A Kotanidou. Endothelial, immunothrombotic and inflammatory biomarkers in the risk of mortality in critically-ill COVID-19 patients: The role of dexamethasone. *Diagnostics* 2021, 11(7), 1249; <https://doi.org/10.3390/diagnostics11071249>.

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. *J Epidemiol Glob Health* (2021). <https://doi.org/10.1007/s44197-021-00002-8>.

AG Vassiliou, N Athanasiou, DA Vassiliadi, E Jahaj, C Keskinidou, SE Orfanos, A Kotanidou, I Dimopoulou. Glucocorticoid and mineralocorticoid receptor expression in critical illness: A narrative review. *World J Crit Care Med* 2021; 10(4): 102-111; <https://dx.doi.org/10.5492/wjccm.v10.i4.102>.

CS Vrettou, V Mantziou, I Ilias, **Alice G. Vassiliou**, SE Orfanos, A Kotanidou and I Dimopoulou. Quality of Life, Depression, and Anxiety in Survivors of Critical Illness from a Greek ICU. A Prospective Observational Study. *Healthcare* 2021, 9(7), 849; <https://doi.org/10.3390/healthcare9070849>.

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. *Crit Care Med.* 2021 May 25. doi: 10.1097/CCM.0000000000005097. Online ahead of print.

I. 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. *Frontiers in Endocrinology* 12:644055. doi: 10.3389/fendo.2021.644055

G Mpekoulis, E Frakolaki, S Taka, A Ioannidis, **AG Vassiliou**, KI Kalliampakou, K Patas, I Karakasiliotis, V Aidinis, S Chatzipanagiotou, E Angelakis, D Vassilacopoulou, N Vassilaki. Alteration of L-dopa decarboxylase and erythropoietin expression in COVID-19 patients in association with the infection-inducible ACE2 isoform: possible implication of the dopamine biosynthesis and hypoxia pathways in

SARS-CoV-2 pathogenesis. *PLoS One* 2021, 16(6):e0253458. doi: 10.1371/journal.pone.0253458.

AG Vassiliou, C Keskinidou, E Jahaj, A Zacharis, S Tsipilis, N Athanasiou, I Dimopoulou, A Kotanidou and SE Orfanos. Could soluble endothelial protein C receptor levels recognize SARS-CoV2-positive patients requiring hospitalization? *Shock*. 2021 Mar 23. doi: 10.1097/SHK.0000000000001780. Online ahead of print

DA Vassiliadi, I Ilias, M Pratikaki, E Jahaj, **Alice G Vassiliou**, M Detsika, K Ampelakiotou, M Koulenti, S Tsipilis, 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. *Endocr Connect*. 2021, 10(6):646-655. doi: 10.1530/EC-21-0029.

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.

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>.

I. Ilias, A. Diamantopoulos, M. Pratikaki, E. Botoula, E. Jahaj, N. Athanasiou, S. Tsipilis, 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.

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>

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>

Alice G. Vassiliou, Anastasia Kotanidou, Ioanna Dimopoulou, Stylianos E. Orfanos. Endothelial damage in acute respiratory distress syndrome. *Int J Mol Sci*. 2020 Nov 20;21(22):8793. doi: 10.3390/ijms21228793.

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

I. Ilias, V. Mantziou, E. Vamvakas, E. Kampisiouli, M. Theodorakopoulou, C. Vrettou, E. Douka, **A.G. Vassiliou**, S.E. Orfanos, A. Kotanidou and I. Dimopoulou. Post-traumatic stress disorder and burnout in acute healthcare professionals during the SARS-CoV-2 pandemic: a cross-sectional study from Athens, Greece. *The Journal of Critical Care Medicine*. Online ahead of print. DOI: 10.2478/jccm-2020-0042

Alice G Vassiliou, Edison Jahaj, Ioannis Ilias, Vassiliki Markaki, Sotirios Malachias, Charikleia Vrettou, Eleni Ischaki, Zafeiria Mastora, Evangelia Douka, Chrysi Keskinidou, Stamatios Tshipilis, 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>.

Alice G. Vassiliou, Vlassios Vitsas, Matina Kardara, Chrysi Keskinidou, Pinelopi Michalopoulou, Nikoletta Rovina, Ioanna Dimopoulou, Stylianos E. Orfanos, Georgios Tsoukalas, Antonia Koutsoukou and Anastasia Kotanidou. Study of inflammatory biomarkers in COPD and asthma. *Advances in Respiratory Medicine. Adv Respir Med.* 2020; 88: 1–9.

I. Chalatsa, N. Arvanitis, D. Arvanitis, A.C. Tsakou, E.D. Kalantzis, **Alice G. Vassiliou**, D.C. Sideris, E. Frakolaki, N. Vassilaki and D. Vassilacopoulou. Human L-Dopa decarboxylase interaction with Annexin V and expression during apoptosis. *Biochimie.* 2020 Aug 21;177:78-86. doi: 10.1016/j.biochi.2020.08.010. Online ahead of print

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. Online ahead of print

A.G. Vassiliou, C. Keskinidou, A. Kotanidou, F. Frantzeskaki, I. Dimopoulou, D. Langleben and S.E. Orfanos. Knockdown of Bone Morphogenetic Protein Type II Receptor Leads to Decreased Aquaporin 1 Expression and Function in Human Pulmonary Microvascular Endothelial Cells. *Canadian Journal of Physiology and Pharmacology.* 2020 Jul 20. doi: 10.1139/cjpp-2020-0185. Online ahead of print

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

A.G. Vassiliou, C. Keskinidou, A. Kotanidou, F. Frantzeskaki, I. Dimopoulou, D. Langleben and S.E. Orfanos. Decreased Bone Morphogenetic Protein Type II Receptor and BMP-Related Signalling Molecules' Expression in Aquaporin 1-Silenced Human Pulmonary Microvascular Endothelial Cells. *Hellenic J Cardiol.* 2020 Apr 15. pii: S1109-9666(20)30065-8. doi: 10.1016/j.hjc.2020.04.003. [Epub ahead of print].

Vassiliou AG, Georgakopoulou C, Papageorgiou A, Georgakopoulos S, Goulas S, Paschalis T, Paterakis P, Gallos P, Kyriazis D, Plagianakos V. Health in All Policy Making Utilizing Big Data. *Acta Inform Med.* 2020 Mar;28(1):65-70. doi: 10.5455/aim.2020.28.65-70.

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

I. 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

A.G. Vassiliou, G. Stamogiannos, G. Floros, A. Kotanidou, I. Dimopoulou. Glucocorticoid receptors in critically ill patients. *Journal of Translational Science*. 2019. Volume 6: 2-2. doi: 10.15761/JTS.10003542019.

Alice G. Vassiliou, M.Z. Siaterli, E. Frakolaki, P. Gkogkosi, I. Paspaltsis, T. Sklaviadis, D. Vassilacopoulou, N. Vassilaki. L-Dopa decarboxylase interaction with a major signal transduction regulator. *Biochimie*. 2019 Feb 20. pii: S0300-9084(19)30048-3. doi: 10.1016/j.biochi.2019.02.009. [Epub ahead of print]

A.G. Vassiliou, G. Floros, E. Jahaj, G. Stamogiannos, S. Gennimata, D.A. Vassiliadi, S. Tsagarakis, M. Tzanela, I. Ilias, S.E. Orfanos, A. Kotanidou, I. Dimopoulou. Decreased glucocorticoid expression during critical illness. *Eur J Clin Invest*. 2019;e13073. <https://doi.org/10.1111/eci.13073> [Epub ahead of print]

I. Ilias, S. Apollonatou, N. Nikitas, M. Theodorakopoulou, **Alice G Vassiliou**, A. Kotanidou, I. Dimopoulou. Microdialysis-Assessed Adipose Tissue Metabolism, Circulating Cytokines and Outcome in Critical Illness. *Metabolites*. 2018 Oct 6;8(4)

Vassiliou, AG, Kotanidou, A, Mastora, Z., Tascini, C, Cardinali, G and Orfanos, SE. The H3 haplotype of the EPCR gene determines high sEPCR levels in critically-ill septic patients. *Infect Dis Ther*. 2018; 7 (Suppl 1):S3–S14

Roscini L, **Vassiliou AG**, Corte L, Pierantoni DC, Robert V, Tascini C, Mattana S, Cardinali MA, Orfanos SE, Fioretto D and Cardinali G. Yeast biofilm as a bridge between medical and environmental microbiology across different detection techniques. *Infect Dis Ther*. 2018; 7 (Suppl 1):S27–S34

K. Kaziani, **Alice G. Vassiliou**, A. Kotanidou, Ch. Athanasiou, I. Korovesi, K. Glynos and S.E. Orfanos. Pulmonary capillary endothelial dysfunction in patients with septic acute respiratory distress syndrome and its association with mortality. *Infect Dis Ther*. 2018; 7 (Suppl 1):S15–S25

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]

Vassiliou, AG, Manitsopoulos, N, Kardara, M, Maniatis, NA, Kotanidou, A & Orfanos, SE. Differential aquaporin expression in murine models of lung injury. *In vivo*, 2017 31:885-894

Vassiliou, AG, Orfanos, SE and Kotanidou, A. *Clinical Assays in Sepsis: Prognosis, Diagnosis and Outcomes and the Genetic Basis of Sepsis*. Sepsis. ISBN 978-953-51-5361-0. Editor: Vijay Kumar. 2017

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

Vassiliou, AG, Mastora, Z, Orfanos, SE, Jahaj, E, Maniatis, NA, Koutsoukou, A., Armaganidis A. & Kotanidou, A. Elevated biomarkers of endothelial dysfunction/activation at ICU admission are associated with sepsis development. *Cytokine*, 2014 Oct;69(2):240-7

Vassiliou, AG, Kotanidou, A, Mastora, Z, Maniatis, NA, Albani, P, Jahaj, E, Armaganidis, A & Orfanos, SE. Elevated soluble EPCR levels at ICU admission predict sepsis development. *Minerva Anestesiologica*, 2014 Sep 15. [Epub ahead of print]

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. [Epub ahead of print]

Vassiliou AG, Maniatis NA, Kotanidou A, Kallergi M, Karystinaki FS, Letsiou E, Glynos C, Kopterides P, Vassiliadi D, Nikitas N, Dimopoulou I, Armaganidis A & Orfanos SE. Endothelial protein C receptor polymorphisms and risk of severe sepsis in critically ill patients. *Intensive Care Med*. 2013 Oct;39(10):1752-9

Kardara, M., Hatziantoniou, S., Sfika, A., **Vassiliou, A.G.**, Mourelatou, E., Magkou, C., Armaganidis, A., Roussos, C., Orfanos, S.E., Kotanidou, A. & Maniatis, N.A. Caveolar uptake and endothelial-protective effects of nanostructured lipid carriers in acid aspiration murine acute lung injury. *Pharm. Res*. 2013 Jul;30(7):1836-47

Maniatis, N.A., Sfika, A., Nikitopoulou, I., **Vassiliou, A.G.**, Magkou, C., Armaganidis, A., Roussos, C., Kollias, G., Orfanos, S.E., & Kotanidou, A. Acute lung injury in mice associates with p44/42 and c-Jun N-terminal kinase activation and requires the function of Tumor Necrosis Factor- α Receptor I. *Shock*. 2012 Oct;38(4):381-6

Vassiliou, A.G., Vassilacopoulou, D and Fragoulis, E.G. Identity of the Placental L-Dopa Decarboxylase Activity Inhibitor (2008). *Neurochemical Research*. 2008 Nov 13. [Epub ahead of print]

Vassiliou, A.G., Vassilacopoulou, D. and Fragoulis, E.G. (2005). Purification of an Endogenous Inhibitor of L-Dopa Decarboxylase Activity from Human Serum. *Neurochemical Research* 50 (5), 641-649

Vassilacopoulou, D., Sideris, D.C., **Vassiliou, A.G.** and Fragoulis, E.G. (2004). Identification and characterization of a novel form of the human L-Dopa decarboxylase mRNA. *Neurochemical Research* 29 (10): 1817-1823

Vassiliou, A.G., Neumann, G.M., Condrón, R. and Polya, G.M. (1998). Purification and characterisation of basic antifungal napin-like proteins from seeds of pumpkin (*Cucurbita maxima*). *Plant Science* 134 (2) 141-162

- **Laboratory Exercise Handouts**

Vassiliou Aliki, Galanis Alexios, Sandaltzopoulos Raphael (2006). Isolation of the green fluorescent protein using hydrophobic interaction chromatography (HIC). Laboratory exercise 1, Molecular Biology I, School of Molecular Biology and Genetics, Dimokriteio University of Thrace

Vassiliou Aliki, Galanis Alexios, Sandaltzopoulos Raphael (2006). Protein electrophoretic transfer of proteins (Western blot). Laboratory exercise 2, Molecular

Biology I, School of Molecular Biology and Genetics, Dimokriteio University of Thrace

- **Oral Presentations at Conferences**

Alice Vassiliou. Vitamin D in the critically ill. 17th Panhellenic Conference of Intensive Care Medicine, 14-17 November 2018, Athens.

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