

Personal Details

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Education

1982 Medical School, University of Athens
1988 PhD, Medical School, University of Athens
1989 MD Specialty, Respiratory Medicine, Pulmonology Clinic,
University of Athens

Employment History/Research Activities

1993 Assistant Professor in Physiology, University of Thessaly
1998 Director of Respiratory Medicine, Medical School, University of Thessaly
1999 Associate Professor, University of Thessaly
2002 Vice-Rector of Economic Programming and Development, University of Thessaly
2003 Professor of Respiratory Medicine
2008 President of Hellenic Thoracic Society
2008 Rector of University of Thessaly

Other activities

Organization and participation in about 100 research programmes on smoking, pleural diseases, Chronic Obstructive Pulmonary Disease, Asthma, exercise, pathophysiology of Respiratory diseases, funded by authorities, institutions and companies in Greece and abroad

Publications (ISI)

399 PubMed Publications/10.000 citations (hindex 54)

ΔΙΕΘΝΕΙΣ ΔΗΜΟΣΙΕΥΣΕΙΣ

1. Kotsiou OS, Jagirdar RM, Papazoglou ED, Hatzoglou C, **Gourgoulialis** KI, Zarogiannis SG. Pleural Effusion IL-33/sST2 Levels and Effects of Low and High IL-33/sST2 Levels on Human Mesothelial Cell Adhesion and Migration. *Inflammation*. 2019 Aug 19.
2. Kotsiou OS, Karadontas V, Daniil Z, Zakyntinos E, **Gourgoulialis** KI. Transcutaneous carbon dioxide monitoring as a predictive tool for all-cause 6-month mortality after acute pulmonary embolism. *Eur J Intern Med*. 2019 Aug 12.
3. Alexandropoulou A, Vavougiou GD, Hatzoglou C, **Gourgoulialis** KI, Zarogiannis SG. Risk Assessment for Self Reported Obstructive Sleep Apnea and Excessive Daytime Sleepiness in a Greek Nursing Staff Population. *Medicina (Kaunas)*. 2019 Aug 12;55(8).
4. Stavrou V, Vavougiou GD, Bardaka F, Karetsi E, Daniil Z, **Gourgoulialis** KI. The effect of exercise training on the quality of sleep in national-level adolescent finswimmers. *Sports Med Open*. 2019 Aug 7;5(1):34.
5. Gogou E, Hatzoglou C, Zarogiannis SG, Malli F, Jagirdar RM, **Gourgoulialis** KI. Mesothelioma Mortality Rates in Greece for the Period 2005-2015 Is Increased Compared to Previous Decades. *Medicina (Kaunas)*. 2019 Jul 30;55(8).
6. Rouka E, Liakopoulos V, **Gourgoulialis** KI, Hatzoglou C, Zarogiannis SG. In-Depth Bioinformatic Study of the CLDN16 Gene and Protein: Prediction of Subcellular Localization to Mitochondria. *Medicina (Kaunas)*. 2019 Jul 26;55(8).
7. Koutsimpou P, **Gourgoulialis** K, Economou A, Raftopoulos V. Health status of patients who suffer from acute and chronic respiratory diseases in Greece in the era of economic crisis. *Adv Respir Med*. 2019;87(3):167-174.
8. Tsolaki V, Manoulakas E, Makris D, Boutlas S, Daniil Z, **Gourgoulialis** KI, Zakyntinos E. A 57-Year-Old Woman With ARDS, Cachexia, and a 2-Month Fever. *Chest*. 2019 Jul;156(1):e27-e31.
9. Gerogianni I, Pitaraki E, Jagirdar RM, Kouliou O, Giannakou L, Giannopoulos S, Papazoglou E, Hatzoglou C, **Gourgoulialis** KI, Zarogiannis SG. 2-Deoxy-glucose Enhances the Effect of Cisplatin and Pemetrexed in Reducing Malignant Pleural Mesothelioma Cell Proliferation But Not Spheroid Growth. *Anticancer Res*. 2019 Jul;39(7):3809-3814.
10. Kotsiou OS, Peletidou S, Vavougiou G, Karetsi E, Stavrou V, Zakyntinos G, **Gourgoulialis** KI, Daniil Z. Exhaled nitric oxide as a marker of chlorine exposure in young asthmatic swimmers. *Ann Allergy Asthma Immunol*. 2019 Jun 25. pii: S1081-1206(19)30452-1.
11. Rouka E, Beltsios E, Goundaroulis D, Vavougiou GD, Solenov EI, Hatzoglou C, **Gourgoulialis** KI, Zarogiannis SG. In Silico Transcriptomic Analysis of Wound-Healing-Associated Genes in Malignant Pleural Mesothelioma. *Medicina (Kaunas)*. 2019 Jun 12;55(6).
12. Kotsiou OS, **Gourgoulialis** KI. A case report of mesalazine-induced lung injury: A reversible drug side effect. *Respir Med Case Rep*. 2019 May 27;27:100865.
13. Antonopoulos D, Tsilioni I, Balatsos NAA, **Gourgoulialis** KI, Theoharides TC. The mast cell - neurofibromatosis connection. *J Biol Regul Homeost Agents*. 2019 May-Jun;33(3):657-659.

14. Katkova LE, Baturina GS, Bondar AA, Jagirdar RM, Hatzoglou C, **Gourgoulialis** KI, Solenov EI, Zarogiannis SG. Benign Pleural Mesothelial Cells Have Higher Osmotic Water Permeability than Malignant Pleural Mesothelioma Cells and Differentially Respond to Hyperosmolality. *Cell Physiol Biochem*. 2019;52(4):869-878.
15. Malli F, Boutlas S, Lioufas N, **Gourgoulialis** KI. Automated Oxygen Delivery in Hospitalized Patients with Acute Respiratory Failure: A Pilot Study. *Can Respir J*. 2019 Feb 3;2019:4901049.
16. Karametos I, Tsiboli P, Togousidis I, Hatzoglou C, Giamouzis G, **Gourgoulialis** KI. Chronic Obstructive Pulmonary Disease as a Main Factor of Premature Aging. *Int J Environ Res Public Health*. 2019 Feb 13;16(4).
17. Sinis SI, **Gourgoulialis** KI, Hatzoglou C, Zarogiannis SG. Mechanisms of engineered nanoparticle induced neurotoxicity in *Caenorhabditis elegans*. *Environ Toxicol Pharmacol*. 2019 Apr;67:29-34.
18. Stavrou V, Boutou AK, Vavougiou GD, Pastaka C, **Gourgoulialis** KI, Koutedakis Y, Daniil Z, Karetsi E. The use of cardiopulmonary exercise testing in identifying the presence of obstructive sleep apnea syndrome in patients with compatible symptomatology. *Respir Physiol Neurobiol*. 2019 Apr;262:26-31.
19. Rouka E, Kotsiou OS, Kyriakou D, **Gourgoulialis** KI, Zarogiannis SG. Pleural effusions induced by human herpesviruses in the immunocompetent host. *Infect Dis (Lond)*. 2019 Mar;51(3):189-196.
20. Tzitzikos G, Kotrotsiou E, Bonotis K, **Gourgoulialis** K. Assessing hostility in patients with chronic obstructive pulmonary disease (COPD). *Psychol Health Med*. 2019 Jun;24(5):605-619.
21. Daniil Z, Kotsiou OS, Grammatikopoulos A, Peletidou S, Gkika H, Malli F, Antoniou K, Vasarmidi E, Mamuris Z, **Gourgoulialis** K, Zifa E. Detection of mitochondrial transfer RNA (mt-tRNA) gene mutations in patients with idiopathic pulmonary fibrosis and sarcoidosis. *Mitochondrion*. 2018 Nov;43:43-52.
22. Stavrou V, Bardaka F, Karetsi E, Seitanidis G, Daniil Z, **Gourgoulialis** KI. The effect of physical strain on breeders patients with obstructive sleep apnea syndrome. *Respir Physiol Neurobiol*. 2019 Feb;260:137-139.
23. Perifanou D, Zoe D, Petinaki E, Konstantinou K, **Gourgoulialis** K. Screening for Latent Tuberculosis Infection in Patients with Autoimmune Diseases Before Initiating TNF- α Inhibitors Therapy. *Mater Sociomed*. 2018 Mar;30(1):32-37.
24. Kotsiou OS, **Gourgoulialis** KI, Zarogiannis SG. IL-33/ST2 Axis in Organ Fibrosis. *Front Immunol*. 2018 Oct 24;9:2432.
25. Alexopoulos EI, Haritos G, Befani C, Malakasioti G, Lachanas VA, Liakos P, **Gourgoulialis** K, Kaditis AG. Serum leukotriene B₄ levels, tonsillar hypertrophy and sleep-disordered breathing in childhood. *Int J Pediatr Otorhinolaryngol*. 2018 Oct;113:218-222.
26. Zikyri A, Pastaka C, **Gourgoulialis** KI. Hypercapnic COPD patients and NIV at home: is there any benefit? Using the CAT and BODE index in an effort to prove benefits of NIV in these patients. *Int J Chron Obstruct Pulmon Dis*. 2018;17;13:2191-2198.
27. Kotsiou OS, Kotsios P, Srivastava DS, Kotsios V, **Gourgoulialis** KI, Exadaktylos AK. Impact of the Refugee Crisis on the Greek Healthcare

- System: A Long Road to Ithaca. *Int J Environ Res Public Health*. 2018 Aug 20;15(8).
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 37. Kotsiou OS, Zouridis S, Kosmopoulos M, **Gourgoulialis** KI. Impact of the financial crisis on COPD burden: Greece as a case study. *Eur Respir Rev*. 2018 Jan 24;27(147).
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 39. Kotsiou OS, Tzortzi P, Beta RAA, Kyritsis A, **Gourgoulialis** KI. Repeatability of pleural adenosine deaminase measurements in diagnostic evaluation of pleural effusions. *J Clin Lab Anal*. 2018 Jun;32(5):e22371.
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 41. Politis A, Ioannidis V, **Gourgoulialis** KI, Daniil Z, Hatzoglou C. Effects of varenicline therapy in combination with advanced behavioral support on smoking cessation and quality of life in inpatients with acute exacerbation of COPD, bronchial asthma, or community-acquired pneumonia: A prospective,

- open-label, preference-based, 52-week, follow-up trial. *Chron Respir Dis*. 2017.
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 43. Varsamas C, Kalkanis A, **Gourgoulialis KI**. CT versus thoracic ultrasound for discriminating uncomplicated and complicated parapneumonic pleural effusions. *Respirology*. 2017 Oct 25.
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 46. **Gourgoulialis K**, Daniil Z, Athanasiou K, Rozou S, Bontozoglou V. Application of a One-Dimensional Computational Model for the Prediction of Deposition from a Dry Powder Inhaler. *J Aerosol Med Pulm Drug Deliv* 2017.
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 49. Kotsiou OS, Xirogiannis KI, **Gourgoulialis KI**. Kounis Syndrome: Is it Really a Takotsubo-Like Syndrome? *J Investig Allergol Clin Immunol* 2017.
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 52. Anyfantis ID, Rachiotis G, Hadjichristodoulou C, **Gourgoulialis KI**. Bacterial Endotoxins and their Impact on Respiratory System among Greek Cotton Industry Workers. *Int J Occup Environ Med* 2017.
 53. Gerogianni I, Boutlas S, Karachalios T, Petinaki E, Vlychou M, **Gourgoulialis KI**. A *M. avium* complex spondylodiscitis in a middle-aged woman with diabetes. *Respir Med Case Rep*. 2017.
 54. Rouka E, Vavougiou GD, Solenov EI, **Gourgoulialis KI**, Hatzoglou C, Zarogiannis SG. Transcriptomic Analysis of the Claudin Interactome in Malignant Pleural Mesothelioma: Evaluation of the Effect of Disease Phenotype, Asbestos Exposure, and CDKN2A Deletion Status. *Front Physiol* 2017.
 55. Stafyla E, Kerenidi T, Gerogianni I, Geitona M, Daniil Z, **Gourgoulialis KI**. The pharmacological cost of COPD during Greek economic crisis. *Int J Chron Obstruct Pulmon Dis*. 2017.
 56. Arsenopoulou ZV, Taitzoglou IA, Molyvdas PA, **Gourgoulialis KI**, Hatzoglou C, Zarogiannis SG. Silver nanoparticles alter the permeability of

- sheep pleura and of sheep and human pleural mesothelial cell monolayers. *Environ Toxicol Pharmacol*. 2017.
57. Kotsiou OS, Douras A, Makris D, Mpaka N, **Gourgoulianis KI**. Takotsubo cardiomyopathy: a known unknown foe of asthma. *J Asthma*. 2017 Jan 5;0. doi: 10.1080/02770903.2016.1276586.
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 61. Anyfantis ID, Rachiotis G, Hadjichristodoulou C, **Gourgoulianis KI**. Respiratory Symptoms and Lung Function among Greek Cotton Industry Workers: A Cross-Sectional Study. *Int J Occup Environ Med*. 2017 Jan;8(1):32-38.
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