



**UNIVERSITY OF THESSALY
SCHOOL OF HEALTH SCIENCES
FACULTY OF MEDICINE**



CURRICULUM VITAE

Panagiotis An. Georgoulas, MD, PhD

Assoc. Professor of Nuclear Medicine
Director of the Department of Nuclear Medicine,
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University of Thessaly

Larissa, 2017

Panagiotis Georgoulis

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Present Position

- Assoc. Professor of Nuclear Medicine, Department of Nuclear Medicine, Faculty of Medicine, School of Health Sciences, University of Thessaly.
- Head of Nuclear Medicine Laboratory, Faculty of Medicine, School of Health Sciences, University of Thessaly / Head of Nuclear Medicine Department, University Hospital of Larissa.
- Honorary Scientific Colleague of Nuclear Medicine department, NIMITS Hospital.

Degrees

- BSc in Medicine, 1991. Medical School, University of Athens, Hellas.
- Specialization in Nuclear Medicine, 1996. Nuclear Medicine Department, NIMITS Hospital, Athens, Hellas.
- Ph.D. in Nuclear Medicine, 1998. Nuclear Medicine Department, Medical School of Crete, Heraklion, Hellas.

Editorial Board

1. Member of the Editorial Board of the "Nuclear Medicine Communications" (2015 – to date).
2. Member of the Editorial Board of the "Recent Patents on Medical Imaging" (2009 – to date).
3. Member of the Editorial Board of the "World Journal of Diabetes" (2010 - to date).
4. Member of the Editorial Board of the "Hellenic Journal of Nuclear Medicine" (2012 - to date).
5. Advisor in the "Hellenic Journal of Nuclear Medicine" (2007 – 2011).
6. Member of the Editorial Board of the "Journal of Biomedical Graphics and Computing" (2013 - to date).
7. Member of the Editorial Board of the "Journal of Neurology and Epidemiology" (2013 – to date).
8. Member of the Editorial Board of the "Journal of Cardiology and Therapy" (2014 – to date).
9. Member of the Editorial Board of the "Journal of Nuclear Medicine, Radiology & Radiation Therapy" (2015 – to date).

10. Member of the Editorial Board of the “SRL Vascular Medicine” (2016 – to date).
11. Member of the Editorial Board of the “Musculoskeletal Disorders” (2016 – to date).
12. Member of the Editorial Board of the “Journal of Immunological Diseases, Disorders and Their Prevention” (2016 –to date).
13. Member of the Editorial Board of the Hellenic scientific journal «Aktinotechnologia-Radiationtechnology» (1998-1999).
14. Member of the Editorial Board of the “World Journal of Cardiovascular Surgery” (2017 – to date).

Reviewer in Journals: 31

Special Appointments

- Vice President of the Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI) (2016 - to date).
- Elected as the National Delegate of the Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI) in the European Association of Nuclear Medicine (2002 - 2004).
- Elected member of the Board of Directors of the Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI) and treasurer of HSNMMI (2004 - to date).
- Member of the Examination Committee in the Faculty of Medicine of the University of Thessaly (2006- up to date).
- Member of the Examination Review Committee in the Faculty of Medicine of the University of Thessaly (2006 - to date).
- National Lead for the First ECNC Survey of Myocardial Perfusion Scintigram in Europe (2006-2007).
- National Lead for the Second ECNC Survey of Myocardial Perfusion Scintigram in Europe (2007-2008).
- EANM National Liaison (Cardiovascular Working Group) of Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI) in the European Council of Nuclear Cardiology (2007-2011).
- Elected member of the Educational Committee of the Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI) (2013-2015).
- Substitute Member of the Athens Examination Committee of Nuclear Medicine Specialty (2016 - to date).
- Substitute Member of the Patras Examination Committee of Nuclear Medicine Specialty (2016 - to date).

Member of the Following Societies

- European Association of Nuclear Medicine (EANM).
- Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI).
- Hellenic Society of Nuclear Medicine.

- Cardiovascular Working Group of the Hellenic Society of Nuclear Medicine and Molecular Imaging (HSNMMI).

Research Activities

- Nuclear Cardiology (myocardial perfusion – function, genes)
- Nuclear Cardiology and Molecular Biology
- Clinical Evaluation of novel Biologic Molecules
- Radionuclide Therapeutic Applications
- Brain SPECT
- Radioimmunoassay
- Participation to Research Projects (e.g. “Pythagoras”, “Smart Study”, “Thalis”)

Teaching Activities

- Undergraduate and postgraduate Nuclear Medicine teaching.
- Nuclear Medicine Practical Training in Hospital.
- Lectures in Nuclear Medicine for Medical Staff and Technologists.
- Postgraduate Studies Supervision.
- Visiting Lecturer in the Postgraduate Course of Medical Physics and Biomedical Engineering of the University of Patra’s.

Invited Lectures – Round Table Presentations: 49

Chairman in Keynote Speeches in Conferences: 28

Clinical Experience

- Scientific responsible - Director of the Nuclear Medicine Department, University Hospital of Larissa, Hellas (2004 – to date).
- Specialization in PET/PET-CT, PET-CT Department, University Hospital of Berlin (Charite Virchow Clinicum), Germany (2004 – 2011, 7 months annually).
- Director of the Nuclear Medicine Department in a private Diagnostic Centre, Athens, Hellas (1998-2004).
- Nuclear Medicine Department, NIMTS Hospital, Athens, Hellas (1996, 1997-1998).
- Specialization in Nuclear Medicine, Nuclear Medicine Department, NIMTS Hospital, Athens, Hellas (1993-1996).
- Specialization in Internal Medicine, Krestena General Hospital, Krestena, Hellas (1991-1992).

Number of PhD supervised: 5

Number of Post-Doc supervised: 1

Funded Projects: 9 (supervisor in 3)

Presentations in National Congresses: 92

Presentations in International Congresses: 96

Publications

<u>International Journals:</u>	109
<u>National / Peripheral Journals:</u>	6
<u>Books:</u>	4 (<u>1 International two-Volume e-Book: "FRONTIERS in HEART FAILURE-MOLECULAR IMAGING"</u> , Bentham Science Publishers, 2016)
<u>Chapters:</u>	10
<u>Total Impact Factor:</u>	256
<u>Citations:</u>	1081
<u>h-Index:</u>	18
<u>Awards:</u>	22

List of International Publications

1. Angelidis G, Giamouzis G, Karagiannis G, Butler J, Tsougos I, Valotassiou V, Giannakoulas G, Dimakopoulos N, Xanthopoulos A, Skoularigis J, Triposkiadis F, Georgoulas P.
SPECT and PET in ischemic heart failure, (2017), Heart Fail Rev. [Epub ahead of print]
2. Alexiou S, Georgoulas P, Angelidis G, Valotassiou V, Tsougos I, Psimadas D, Lakiotis V, Kaspiri A, Alexopoulos D, Apostolopoulos D, Vassilakos P.
Myocardial perfusion and left ventricular quantitative parameters obtained using gated myocardial SPECT: Comparison of three software packages. (2016), J Nucl Cardiol. [Epub ahead of print].
3. Siasios I, Valotassiou V, Kapsalaki E, Tsougos I, Georgoulas P, Fotiadou A, Ioannou M, Koukoulis G, Dimopoulos V, Fountas K.J
Magnetic Resonance Spectroscopy and Single-Photon Emission Computed Tomography in the Evaluation of Cerebral Tumors: A Case Report. (2017), J Clin Med Res. 9(1):74-78
4. Manolakis AC, Christodoulidis G, Kapsoritakis AN, Georgoulas P, Tiaka EK, Oikonomou K, Valotassiou VJ, Potamianos SP.
 α 2-Heremans-schmid glycoprotein (fetuin A) downregulation and its utility in inflammatory bowel disease. (2017) World J Gastroenterol. 21;23(3), pp. 437-446. doi: 10.3748/wjg.v23.i3.437. PMID: 28210079
5. Anifandis G, Markandona O, Dafopoulos K, Messini C, Tsezou A, Dimitraki M, Georgoulas P, Daponte A, Messinis I.
Embryological Results of Couples Undergoing ICSI-ET Treatments with Males Carrying the Single Nucleotide Polymorphism rs175080 of the MLH3 Gene. (2017) Int J Mol Sci. 2;18(2). pii: E314. doi: 10.3390/ijms18020314
6. Dafopoulos K, Messini CI, Anifandis G, Georgoulas P, Sourlas D, Messinis IE.

- Blood ghrelin, adiponectin and resistin levels during controlled ovarian stimulation in IVF cycles (2016). *Physiol Res.* 65(5), pp. 809-814
7. Georgiou, M., Loudos, G., Fysikopoulos, E., Lamprou, E., Mikropoulos, K., Shegani, A., Georgoulas, P.
λ-Eye: a high-sensitivity γ imaging probe for axillary sentinel lymph node mapping (2016) *Nuclear Medicine Communications*, 37(10), PP.1001-9.
 8. Chouzouris, T.M., Dovolou, E., Dafopoulos, K., Georgoulas, P., Vasileiou, N.G., Fthenakis, G.C., Anifandis, G., Amiridis, G.S.
Ghrelin suppresses the GnRH-induced preovulatory gonadotropin surge in dairy heifers (2016) *Theriogenology*, 86(6), pp. 1615-21.
 9. Nikaki, A., Prassopoulos, V., Efthimiadou, R., Tsougos, I., Georgoulas, P.
FLT PET/CT in a case of demyelinating disease (2016) *Clinical Nuclear Medicine*, 41 (7), pp. e342-e345.
 10. Fountoulis, G., Kerenidi, T., Kokkinis, C., Georgoulas, P., Thriskos, P., Gourgoulisanis, K., Fezoulidis, I., Vassiou, K., Vlychou, M.
Assessment of bone mineral density in male patients with chronic obstructive pulmonary disease by DXA and quantitative computed tomography (2016) *International Journal of Endocrinology*, (2016), art. no. 6169721.
 11. Markandona, O., Dafopoulos, K., Anifandis, G., Messini, C.I., Dimitraki, M., Tsezou, A., Georgoulas, P., Messinis, I.E.
Single-nucleotide polymorphism rs 175080 in the MLH3 gene and its relation to male infertility (2015) *Journal of Assisted Reproduction and Genetics*, 32 (12), pp. 1795-1799.
 12. Prapa, E., Vasilaki, A., Dafopoulos, K., Katsiani, E., Georgoulas, P., Messini, C.I., Anifandis, G., Messinis, I.E.
Effect of Anti-Müllerian hormone (AMH) and bone morphogenetic protein 15 (BMP-15) on steroidogenesis in primary-cultured human luteinizing granulosa cells through Smad5 signalling (2015) *Journal of Assisted Reproduction and Genetics*, 32 (7), pp. 1079-1088.
 13. Spirou, S.V., Papadimitroulas, P., Liakou, P., Georgoulas, P., Loudos, G.
Investigation of attenuation correction in SPECT using textural features, Monte Carlo simulations, and computational anthropomorphic models (2015) *Nuclear Medicine Communications*, 36 (9), pp. 952-961.
 14. Tsougos, I., Alexiou, S., Theodorou, K., Valotassiou, V., Georgoulas, P.
The prevalence of a false-positive myocardial perfusion stress SPET test in a skinny patient, induced by projection truncation (2015) *Hellenic Journal of Nuclear Medicine*, 18 (1), pp. 79-80.
 15. Alexiou, E., Georgoulas, P., Valotassiou, V., Georgiou, E., Fezoulidis, I., Vlychou, M.
Multifocal septic osteomyelitis mimicking skeletal metastatic disease in a patient with prostate cancer (2015) *Hellenic Journal of Nuclear Medicine*, 18 (1), pp. 77-78.
 16. Theodorakis, L., Loudos, G., Prassopoulos, V., Kappas, C., Tsougos, I., Georgoulas, P.
Prospective PET image quality gain calculation method by optimizing detector parameters (2015) *Nuclear Medicine Communications*, 36 (12), pp. 1253-1263.
 17. Karagiannis, G., Grivas, I., Tsingotjidou, A.S., Apostolidis, G., Grigoriadou, I., Dori, I., Poulatsidou, K.-N., Doumas, A., Wesarg, S., Georgoulas, P.

- Early detection of melanoma with the combined use of acoustic microscopy, infrared reflectance and Raman spectroscopy (2015) *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*, 9323, art. no. 93232T.
18. Dimoulis, A., Pastaka, C., Tsolaki, V., Tsiloni, I., Pournaras, S., Liakos, N., Georgoulas, P., Gourgoulianis, K.
Non-Invasive Ventilation (NIV) and Homeostatic Model Assessment (HOMA) index in stable Chronic Obstructive Pulmonary Disease (COPD) patients with chronic hypercapnic respiratory failure: A pilot study (2015) *COPD: Journal of Chronic Obstructive Pulmonary Disease*, 12 (4), pp. 427-434.
19. Dinas, P.C., Nikaki, A., Jamurtas, A.Z., Prassopoulos, V., Efthymiadou, R., Koutedakis, Y., Georgoulas, P., Flouris, A.D.
Association between habitual physical activity and brown adipose tissue activity in individuals undergoing PET-CT scan (2015) *Clinical Endocrinology*, 82 (1), pp. 147-154.
20. Valotassiou, V., Papatriantafyllou, J., Sifakis, N., Tzavara, C., Tsougos, I., Psimadas, D., Fezoulidis, I., Kapsalaki, E., Hadjigeorgiou, G., Georgoulas, P.
Clinical Evaluation of Brain Perfusion SPECT with Brodmann Areas Mapping in Early Diagnosis of Alzheimer's Disease (2015) *Journal of Alzheimer's Disease*, 47 (3), pp. 773-785.
21. Messini, C.I., Dafopoulos, K., Malandri, M., Georgoulas, P., Anifandis, G., Messinis, I.E.
Inhibitory effect of submaximal doses of ghrelin on gonadotropin secretion in women (2014) *Hormone and Metabolic Research*, 46 (1), pp. 36-40.
22. Sgantzios, M., Kyrgias, G., Georgoulas, P., Karamanou, M., Tsoucalas, G., Androutsos, G.
Otto Hahn (1879-1968): Pioneer in radiochemistry and discoverer of radiotherapeutic mesothorium (2014) *Journal of B.U.ON.*, 19 (3), pp. 866-869.
23. Dimitraki, M., Messini, C.I., Dafopoulos, K., Gioka, T., Koutlaki, N., Garas, A., Georgoulas, P., Messinis, I.E.
Attenuating activity of the ovary on LH response to GnRH during the follicular phase of the cycle (2014) *Clinical Endocrinology*, 80 (3), pp. 439-443.
24. Valotassiou, V., Papatriantafyllou, J., Sifakis, N., Tzavara, C., Tsougos, I., Psimadas, D., Kapsalaki, E., Fezoulidis, I., Hadjigeorgiou, G., Georgoulas, P.
Brain perfusion SPECT with brodmann areas analysis in differentiating frontotemporal dementia subtypes (2014) *Current Alzheimer Research*, 11 (10), pp. 941-954.
25. Psimadas, D., Oliveira, H., Thevenot, J., Lecommandoux, S., Bouziotis, P., Varvarigou, A.D., Georgoulas, P., Loudos, G.
Polymeric micelles and vesicles: Biological behavior evaluation using radiolabeling techniques (2014) *Pharmaceutical Development and Technology*, 19 (2), pp. 189-193.
26. Karayannis, G., Triposkiadis, F., Skoularigis, J., Georgoulas, P., Butler, J., Giamouzis, G.
The emerging role of galectin-3 and ST2 in heart failure: Practical considerations and pitfalls using novel biomarkers (2013) *Current Heart Failure Reports*, 10 (4), pp. 441-449.

27. Theodorakis, L., Loudos, G., Prassopoulos, V., Kappas, C., Tsougos, I., Georgoulas, P.
A review of PET normalization: Striving for count rate uniformity (2013) *Nuclear Medicine Communications*, 34 (11), pp. 1033-1045.
28. Dafopoulos, K., Vrekoussis, T., Chalvatzas, N., Messini, C.I., Kalantaridou, S.N., Georgoulas, P., Messinis, I.E., Makrigiannakis, A.
Metformin reduces the expression of corticotropin-releasing hormone and urocortin in the endometrium of healthy women (2013) *Fertility and Sterility*, 100 (5), pp. 1405-1409.
29. Befani, C., Mylonis, I., Gkotinakou, I.-M., Georgoulas, P., Hu, C.-J., Simos, G., Liakos, P.
Cobalt stimulates HIF-1-dependent but inhibits HIF-2-dependent gene expression in liver cancer cells (2013) *International Journal of Biochemistry and Cell Biology*, 45 (11), pp. 2359-2368.
30. Angelidis, G., Dafopoulos, K., Messini, C.I., Valotassiou, V., Tsikouras, P., Vrachnis, N., Psimadas, D., Georgoulas, P., Messinis, I.E.
The emerging roles of adiponectin in female reproductive system-associated disorders and pregnancy (2013) *Reproductive Sciences*, 20 (8), pp. 872-881.
31. Psimadas, D., Bouziotis, P., Georgoulas, P., Valotassiou, V., Tsoதாக, T., Loudos, G.
Radiolabeling approaches of nanoparticles with ^{99m}Tc (2013) *Contrast Media and Molecular Imaging*, 8 (4), pp. 333-339.
32. Kerenidi, T., Lada, M., Tsaroucha, A., Georgoulas, P., Mystridou, P., Gourgoulisanis, K.I.
Clinical significance of serum adipokines levels in lung cancer (2013) *Medical Oncology*, 30 (2), art. no. 507.
33. Messini, C.I., Dafopoulos, K., Malandri, M., Georgoulas, P., Anifandis, G., Messinis, I.E.
Growth hormone response to submaximal doses of ghrelin remains unchanged during the follicular phase of the cycle (2013) *Reproductive Biology and Endocrinology*, 11 (1), art. no. 36.
34. Karayannis, G., Giamouzis, G., Tziolas, N., Georgoulas, P., Skoularigis, J., Mikhailidis, D.P., Triposkiadis, F.
Association between epicardial fat thickness and weight homeostasis hormones in patients with noncachectic heart failure (2013) *Angiology*, 64 (3), pp. 173-180.
35. Zavos, A., Dafopoulos, K., Messini, C.I., Georgoulas, P., Verikouki, C., Anifandis, G., Garas, A., Messinis, I.E.
The progesterone positive feedback effect in women after ovariectomy (2013) *Gynecological Endocrinology*, 29 (3), pp. 254-258.
36. Tsaroucha, A., Daniil, Z., Malli, F., Georgoulas, P., Minas, M., Kostikas, K., Bargiota, A., Zintzaras, E., Gourgoulisanis, K.I.
Leptin, adiponectin, and ghrelin levels in female patients with asthma during stable and exacerbation periods (2013) *Journal of Asthma*, 50 (2), pp. 188-197.
37. Minas, M., Mystridou, P., Georgoulas, P., Pournaras, S., Kostikas, K., Gourgoulisanis, K.I.
Fetuin-A is associated with disease severity and exacerbation frequency in patients with COPD (2013) *COPD: Journal of Chronic Obstructive Pulmonary Disease*, 10 (1), pp. 28-34.

38. Bouronikou, E., Georgoulas, P., Giannakoulas, N., Valotassiou, V., Palassopoulou, M., Vassilopoulos, G., Papadoulis, N., Matsouka, P.
Metabolism-related cytokine and hormone levels in the serum of patients with myelodysplastic syndromes (2013) *Acta Haematologica*, 130 (1), pp. 27-33.
39. Koromila, T., Georgoulas, P., Dailiana, Z., Ntzani, E.E., Samara, S., Chassanidis, C., Aleporou-Marinou, V., Kollia, P.
CER1 gene variations associated with bone mineral density, bone markers, and early menopause in postmenopausal women (2013) *Human Genomics*, 7 (1), art. no. 21.
40. Valotassiou, V., Papatriantafyllou, J., Sifakis, N., Tzavara, C., Tsougos, I., Kapsalaki, E., Hadjigeorgiou, G., Georgoulas, P.
Perfusion SPECT studies with mapping of Brodmann areas in differentiating Alzheimer's disease from frontotemporal degeneration syndromes (2012) *Nuclear Medicine Communications*, 33 (12), pp. 1267-1276.
41. Georgiou, M., Loudos, G., Stratos, D., Papadimitroulas, P., Liakou, P., Georgoulas, P.
Optimization of a gamma imaging probe for axillary sentinel lymph mapping (2012) *Journal of Instrumentation*, 7 (9), art. no. P09010.
42. Angelidis, G., Dafopoulos, K., Messini, C.I., Valotassiou, V., Georgoulas, P., Messinis, I.E.
Ghrelin: New insights into female reproductive system-associated disorders and pregnancy (2012) *Reproductive Sciences*, 19 (9), pp. 903-910.
43. Mastrogiannis, D., Giamouzis, G., Dardiotis, E., Karayannis, G., Chroub-Papavaïou, A., Kremeti, D., Spiliopoulos, K., Georgoulas, P., Koutsias, S., Bonotis, K., Mantzourou, M., Skoularigis, J., Hadjigeorgiou, G.M., Butler, J., Triposkiadis, F.
Depression in patients with cardiovascular disease (2012) *Cardiology Research and Practice*, 1 (1), art. no. 794762.
44. Psimadas, D., Baldi, G., Ravagli, C., Bouziotis, P., Xanthopoulos, S., Franchini, M.C., Georgoulas, P., Loudos, G.
Preliminary evaluation of a 99mTc labeled hybrid nanoparticle bearing a cobalt ferrite core: In vivo biodistribution (2012) *Journal of Biomedical Nanotechnology*, 8 (4), pp. 575-585.
45. Psimadas, D., Georgoulas, P., Valotassiou, V., Loudos, G.
Molecular nanomedicine towards cancer: 111In-labeled nanoparticles (2012) *Journal of Pharmaceutical Sciences*, 101 (7), pp. 2271-2280.
46. Valotassiou, V., Leondi, A., Angelidis, G., Psimadas, D., Georgoulas, P.
SPECT and PET imaging of meningiomas (2012) *The Scientific World Journal*, 2012, art. no. 412580.
47. Griesinger, G., Dafopoulos, K., Buendgen, N., Cascorbi, I., Georgoulas, P., Zavos, A., Messini, C.I., Messinis, I.E.
Elimination half-life of anti-Müllerian hormone (2012) *Journal of Clinical Endocrinology and Metabolism*, 97 (6), pp. 2160-2163.
48. Georgoulas, P., Tsougos, I., Tzavara, C., Valotassiou, V., Demakopoulos, N.
Incremental prognostic value of 99mTc-tetrofosmin early poststress pulmonary uptake. Determination of the optimal cut-off value (2012) *Nuclear Medicine Communications*, 33 (5), pp. 470-475.
49. Fountoulis, G.A., Minas, M., Georgoulas, P., Fezoulidis, I.V., Gourgoulisanis, K.I., Vlychou, M.

- Association of Bone Mineral Density, Parameters of Bone Turnover, and Body Composition in Patients With Chronic Obstructive Pulmonary Disease (2012) *Journal of Clinical Densitometry*, 15 (2), pp. 217-223.
50. Papadimitroulas, P., Loudos, G., Georgoulas, P., Kagadis, G.C.
Photon dose kernels dataset for nuclear medicine dosimetry, using the GATE Monte Carlo toolkit (2012) *IEEE Nuclear Science Symposium Conference Record*, art. no. 6154624, pp. 1390-1394.
51. Georgiou, M., David, S., Papadimitroulas, P., Fysikopoulos, E., Bregou, A., Loudos, G., Georgoulas, P. Evaluation of an imaging gamma probe based on R8900U-00-C12 PSPMT (2012) *IEEE Nuclear Science Symposium Conference Record*, art. no. 6153764, pp. 4020-4023.
52. Georgiou, M., David, S., Loudos, G., Tsougos, I., Georgoulas, P.
Experimental and simulation studies for the optimization of dedicated scintimammography cameras (2012) *Journal of Instrumentation*, 7 (1), art. no. P01011.
53. Minas, M., Kostikas, K., Papaioannou, A.I., Mystridou, P., Karetsi, E., Georgoulas, P., Liakos, N., Pournaras, S., Gourgoulialis, K.I.
The association of metabolic syndrome with adipose tissue hormones and insulin resistance in patients with COPD without Co-morbidities (2011) *COPD: Journal of Chronic Obstructive Pulmonary Disease*, 8 (6), pp. 414-420.
54. Gioulbasanis, I., Georgoulas, P., Vlachostergios, P.J., Baracos, V., Ghosh, S., Giannousi, Z., Papandreou, C.N., Mavroudis, D., Georgoulas, V.
Mini Nutritional Assessment (MNA) and biochemical markers of cachexia in metastatic lung cancer patients: Interrelations and associations with prognosis (2011) *Lung Cancer*, 74 (3), pp. 516-520.
55. Tsarouhas, K., Tsitsimpikou, C., Haliassos, A., Georgoulas, P., Koutsioras, I., Kouretas, D., Kogias, J., Liosis, I., Rentoukas, E., Kyriakides, Z.
Study of insulin resistance, TNF- α , total antioxidant capacity and lipid profile in patients with chronic heart failure under exercise (2011) *In Vivo*, 25 (6), pp. 1031-1037.
56. Vlachostergios, P.J., Gioulbasanis, I., Kamposioras, K., Georgoulas, P., Baracos, V.E., Ghosh, S., Maragouli, E., Georgoulas, V., Papandreou, C.N.
Baseline insulin-like growth factor-I plasma levels, systemic inflammation, weight loss and clinical outcome in metastatic non-small cell lung cancer patients (2011) *Oncology*, 81 (2), pp. 113-118.
57. Georgoulas, P., Tsougos, I., Valotassiou, V., Demakopoulos, N.
Does hybrid diagnostic imaging in cardiology have the same significance as in oncology? (2011) *European Journal of Nuclear Medicine and Molecular Imaging*, 38 (5), pp. 979-981.
58. Katsanos, A., Dastiridou, A., Georgoulas, P., Cholevas, P., Kotoula, M., Tsironi, E.E.
Plasma and aqueous humour levels of ghrelin in open-angle glaucoma patients (2011) *Clinical and Experimental Ophthalmology*, 39 (4), pp. 324-329.
59. Messini, C.I., Dafopoulos, K., Chalvatzas, N., Georgoulas, P., Anifandis, G., Messinis, I.E.
Effect of ghrelin and metoclopramide on prolactin secretion in normal women (2011) *Journal of Endocrinological Investigation*, 34 (4), pp. 276-279.

60. Manolakis, A.C., Tiaka, E.K., Kapsoritakis, A.N., Georgoulas, P., Tsiopoulos, F., Valotassiou, V., Potamianos, S.P.
Increased fetuin A levels in *Helicobacter pylori* infection: A missing link between *H. pylori* and insulin resistance? (2011) *Diabetologia*, 54 (2), pp. 472-474.
61. Satra, M., Samara, M., Wosniak, G., Tzavara, C., Kontos, A., Valotassiou, V., Vamvakopoulos, N.K., Tsougos, I., Aleporou-Marinou, V., Patrinos, G.P., Kollia, P., Georgoulas, P.
Sequence variations in the FII, FV, F13A1, FGB and PAI-1 genes are associated with differences in myocardial perfusion (2011) *Pharmacogenomics*, 12 (2), pp. 195-203.
62. Angelidis, G., Valotassiou, V., Georgoulas, P.
Current and potential roles of ghrelin in clinical practice (2010) *Journal of Endocrinological Investigation*, 33 (11), pp. 823-838.
63. Wozniak, G., Georgoulas, P., Iliadis, C., Valotassiou, V., Papadopoulos, G., Bagiatis, V., Tsougos, I., Paterakis, K.N., Fountas, K.N.
Serotonin and neuron-specific enolase: Serum acute and mid-term levels and their association with posttraumatic depression (2010) *Neurosurgery Quarterly*, 20 (4), pp. 297-303.
64. Valotassiou, V., Archimandritis, S., Sifakis, N., Papatriantafyllou, J., Georgoulas, P.
Alzheimer's disease: SPECT and PET tracers for beta-amyloid imaging (2010) *Current Alzheimer Research*, 7 (6), pp. 477-486.
65. Manolakis, A.C., Kapsoritakis, A.N., Georgoulas, P., Tzavara, C., Valotassiou, V., Kapsoritaki, A., Potamianos, S.P.
Moderate performance of serum S100A12, in distinguishing inflammatory bowel disease from irritable bowel syndrome (2010) *BMC Gastroenterology*, 10, art. no. 118.
66. Messini, C.I., Dafopoulos, K., Chalvatzas, N., Georgoulas, P., Anifandis, G., Messinis, I.E.
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