

**Κατάλογος Επιστημονικών Δημοσιεύσεων
Ομ. Καθηγήτη Ευστράτιου Πατσούρη**

1: Tampakis A, Tampaki EC, Nonni A, Tsurouflis G, Posabella A, Patsouris E, Kontzoglou K, von Flüe M, Nikiteas N, Kouraklis G. LICAM expression in colorectal cancer identifies a high-risk group of patients with dismal prognosis already in early-stage disease. *Acta Oncol.* 2019 Sep 18:1-5. doi: 10.1080/0284186X.2019.1667022. [Epub ahead of print] PubMed PMID: 31532272.

2: Trakada G, Nikolaidis PT, Economou NT, Sakkas D, Giagkou G, Sakellariou S, Kyriakopoulou K, Patsouris E, Ferini-Strambi L, Velentza L, Kallianos A, Rosemann T, Knechtle B, Mitrakou A. A Pilot Study About the Dysfunction of Adipose Tissue in Male, Sleep Apneic Patients in Relation to Psychological Symptoms. *Front Psychiatry.* 2019 Jul 25;10:527. doi: 10.3389/fpsy.2019.00527. eCollection 2019. PubMed PMID: 31404145; PubMed Central PMCID: PMC6673696.

3: Tampaki EC, Tampakis A, Nonni A, von Flüe M, Patsouris E, Kontzoglou K, Kouraklis G. Combined Fascin-1 and MAP17 Expression in Breast Cancer Identifies Patients with High Risk for Disease Recurrence. *Mol Diagn Ther.* 2019 Oct;23(5):635-644. doi: 10.1007/s40291-019-00411-3. PubMed PMID: 31273628.

4: Korontzi MI, Theodoropoulos G, Agrogiannis G, Flessas I, Chrysikos D, Gioxari A, Sergentanis TN, Patsouris E, Zografos GC, Papalois A. Lazaroid U-74389G in liver ischemia-reperfusion injury: A swine model. *Exp Ther Med.* 2019 Jul;18(1):230-236. doi: 10.3892/etm.2019.7561. Epub 2019 May 8. PubMed PMID: 31258658; PubMed Central PMCID: PMC6566052.

5: Tampakis A, Tampaki EC, Nonni A, Droeser R, Posabella A, Tsurouflis G, Kontzoglou K, Patsouris E, von Flüe M, Kouraklis G. Nectin-1 Expression in Colorectal Cancer: Is There a Group of Patients with High Risk for Early Disease Recurrence? *Oncology.* 2019;96(6):318-325. doi: 10.1159/000499569. Epub 2019 Mar 27. PubMed PMID: 30917374.

6: Georgakis MK, Dessypris N, Papadakis V, Tragiannidis A, Bouka E, Hatzipantelis E, Moschovi M, Papakonstantinou E, Polychronopoulou S, Sgouros S, Stiakaki E, Pourtsidis A, Psaltopoulou T, Petridou ET; NARECHEM-ST CNS tumors Working Group. Perinatal and early life risk factors for childhood brain tumors: Is instrument-assisted delivery associated with higher risk? *Cancer Epidemiol.* 2019 Apr;59:178-184. doi: 10.1016/j.canep.2019.01.017. Epub 2019 Feb 26. PubMed PMID: 30818125.

- 7: Karamatsoukis SL, Trigka EA, Stasinopoulou M, Stavridou A, Zacharioudaki A, Tsarea K, Karamperi M, Pittaras T, Papadopoulos O, Patsouris E, Nikiteas N, Zografos GC, Papalois AE. Beneficial Effect of U-74389 G and Sildenafil in An Experimental Model of Flap Ischemia/Reperfusion Injury in Swine. Histological and Biochemical Evaluation of the Model. *J Invest Surg.* 2018 Nov 30:1-13. doi: 10.1080/08941939.2018.1524527. [Epub ahead of print] PubMed PMID: 30499737.
- 8: Fanourakis, Saetta AA, Lazaris AC, Miaouli M, Voutsinas GE, Patsouris E, Tseleni-Balafouta S. Resistance to Fas-Mediated Apoptosis Does Not Correlate to Structural Alterations or Expression Changes of the Death Receptor in Papillary Thyroid Carcinomas. *Pathobiology.* 2018;85(5-6):304-310. doi: 10.1159/000492358. Epub 2018 Oct 2. PubMed PMID: 30278467.
- 9: Tsiambas E, Riziotis C, Mastronikolis NS, Peschos D, Mortakis A, Kyroysis G, Mastronikolis SN, Batistatou A, Lazaris AC, Patsouris E, Ragos V. Comparative p16(IKN4A) Expression in Laryngeal Carcinoma and Cervical Cancer Precursors: A Real-time Grid-based Immunocytochemistry Analysis. *Anticancer Res.* 2018 Oct;38(10):5805-5810. doi: 10.21873/anticancer.12920. PubMed PMID: 30275203.
- 10: Tampaki EC, Tampakis A, Posabella A, Patsouris E, Kontzoglou K, Kouraklis G. Current clostridium difficile treatments: Lessons that need to be learned from the clinical trials. *Hum Vaccin Immunother.* 2018;14(12):2874-2875. doi: 10.1080/21645515.2018.1493327. Epub 2018 Aug 27. PubMed PMID: 30148975; PubMed Central PMCID: PMC6343610.
- 11: Armakolas A, Dimakakos A, Loukogiannaki C, Armakolas N, Antonopoulos A, Florou C, Tsioli P, Papageorgiou E, Alexandrou TP, Stathaki M, Spinou D, Pektasides D, Patsouris E, Koutsilieris M. IL-6 is associated to IGF-1 α upregulation and Ec peptide secretion, from prostate tumors. *Mol Med.* 2018 Mar 15;24(1):6. doi: 10.1186/s10020-018-0003-z. PubMed PMID: 30134795; PubMed Central PMCID: PMC6016866.
- 12: Vavuranakis M, Papaioannou TG, Vrachatis D, Katsimboulas M, Sanidas EA, Vaina S, Agrogiannis G, Patsouris E, Kakadiaris I, Stefanadis C, Tousoulis D. Computational imaging of aortic vasa vasorum and neovascularization in rabbits using contrast-enhanced intravascular ultrasound: Association with histological analysis. *Anatol J Cardiol.* 2018 Aug;20(2):117-124. doi: 10.14744/AnatolJCardiol.2018.35761. PubMed PMID: 30088486; PubMed Central PMCID: PMC6237958.

- 13: Konstantopoulou K, Tsiambas E, Baliou E, Lazaris AC, Kavantzias N, Karameris A, Fotiades PP, Asproudis I, Ragos V, Vilaras G, Patsouris E, Konstantopoulou K, Tsiambas E, Baliou E, Lazaris AC, Kavantzias N, Karameris A, Fotiades PP, Asproudis I, Ragos V, Vilaras G, Patsouris E. Deregulation of p53/survivin apoptotic markers correlated to PTEN expression in pterygium neoplastic cells. *J BUON*. 2018 May-Jun;23(3):826-831. PubMed PMID: 30003758.
- 14: Apostolou KG, Papanikolaou IG, Katselis C, Feretis T, Kletsas D, Konstadoulakis MM, Lymperi M, Saetta AA, Tsikalakis S, Agrogiannis G, Patsouris E, Zografos GC, Papalois AE. Undifferentiated Adipose Tissue Stem Cell Transplantation Promotes Hepatic Regeneration, Ameliorates Histopathologic Damage of the Liver, and Upregulates the Expression of Liver Regeneration- and Liver-Specific Genes in a Rat Model of Partial Hepatectomy. *Stem Cells Int*. 2018 Mar 14;2018:1393607. doi: 10.1155/2018/1393607. eCollection 2018. PubMed PMID: 29731771; PubMed Central PMCID: PMC5872619.
- 15: Tsikalakis S, Chatziandreou I, Michalopoulos NV, Theodoropoulos GE, Sakellariou S, Korkolopoulou P, Patsouris E, Saetta AA. Comprehensive expression analysis of TNF-related apoptosis-inducing ligand and its receptors in colorectal cancer: Correlation with MAPK alterations and clinicopathological associations. *Pathol Res Pract*. 2018 Jun;214(6):826-834. doi: 10.1016/j.prp.2018.04.019. Epub 2018 May 1. PubMed PMID: 29731264.
- 16: Synetos A, Toutouzas K, Drakopoulou M, Koutagiar I, Benetos G, Kotronias R, Anousakis-Vlachochristou N, Latsios G, Karanasos A, Agrogiannis G, Metaxas M, Stathogiannis K, Papanikolaou A, Georgakopoulos A, Pianou N, Tsiamis E, Patsouris E, Papalois A, Cokkinos D, Anagnostopoulos C, Tousoulis D. Inhibition of Aortic Valve Calcification by Local Delivery of Zoledronic Acid-an Experimental Study. *J Cardiovasc Transl Res*. 2018 Jun;11(3):192-200. doi: 10.1007/s12265-018-9802-4. Epub 2018 Mar 26. PubMed PMID: 29582395.
- 17: Kostakis ID, Agrogiannis G, Vaiopoulos AG, Mylona E, Patsouris E, Kouraklis G, Koutsilieris M. KISS1 and KISS1R expression in gastric cancer. *J BUON*. 2018 Jan-Feb;23(1):79-84. PubMed PMID: 29552764.
- 18: Dimas DT, Perlepe CD, Sergeantanis TN, Misitzis I, Kontzoglou K, Patsouris E, Kouraklis G, Psaltopoulou T, Nonni A. The Prognostic Significance of Hsp70/Hsp90 Expression in Breast Cancer: A Systematic Review and Meta-analysis. *Anticancer Res*. 2018 Mar;38(3):1551-1562. Review. PubMed PMID: 29491085.
- 19: Tampaki EC, Tampakis A, Drosier R, Patsouris E, Kouraklis G. Cabozantinib and Vandetanib in medullary thyroid carcinoma: mitochondrial function and its

potential as a therapeutic target towards novel strategies to design anti-CSCs drugs. *Cancer Biol Ther.* 2018;19(10):847-849. doi: 10.1080/15384047.2018.1433495. Epub 2018 Aug 17. PubMed PMID: 29442576; PubMed Central PMCID: PMC6300348.

20: Tampakis A, Tampaki EC, Kontzoglou K, Patsouris E, Kouraklis G, Lardinois D. Postoperative deep wound dehiscence of thoracotomy with isolation of *Corynebacterium tuberculostearicum*: surgical site infection or colonization? *Eur Rev Med Pharmacol Sci.* 2017 Nov;21(22):5264-5267. doi: 10.26355/eurev_201711_13850. PubMed PMID: 29228443.

21: Mantonakis E, Giaginis C, Pikoulis E, Felekouras E, Patsouris E, Liakakos T, Papalampros E, Theocharis S. FAK, Src and p-Paxillin expression is decreased in liver metastasis of colorectal carcinoma patients. *J BUON.* 2017 Sep-Oct;22(5):1097-1106. PubMed PMID: 29135089.

22: Tampakis A, Tampaki EC, Trafalis D, Nonni A, Kontzoglou K, Patsouris E, Kontos M, Kouraklis G. Nestin and CD146 expression in metaplastic breast cancer: stem-cell therapy in need? Lessons reported from a male patient. *Eur Rev Med Pharmacol Sci.* 2017 Sep;21(18):4137-4140. PubMed PMID: 29028085.

23: Tsiambas E, Riziotis C, Mavrikos I, Armatas E, Patsouris E. Novel techniques for morphometric and geometrical analysis in squamous intraepithelial lesions on cervical smears. *J BUON.* 2017 Jul-Aug;22(4):1081-1083. PubMed PMID: 28952232.

24: Giaginis C, Sampani A, Kotta-Loizou I, Giannopoulou I, Danas E, Politi E, Tsourouflis G, Kouraklis G, Patsouris E, Keramopoulos A, Nakopoulou L, Theocharis S. Elevated Hu-Antigen Receptor (HuR) Expression is Associated with Tumor Aggressiveness and Poor Prognosis but not with COX-2 Expression in Invasive Breast Carcinoma Patients. *Pathol Oncol Res.* 2018 Jul;24(3):631-640. doi: 10.1007/s12253-017-0288-1. Epub 2017 Aug 14. PubMed PMID: 28808873.

25: Giaginis C, Tsoukalas N, Alexandrou P, Tsourouflis G, Dana E, Delladetsima I, Patsouris E, Theocharis S. Clinical significance of farnesoid X receptor expression in thyroid neoplasia. *Future Oncol.* 2017 Aug;13(20):1785-1792. doi: 10.2217/fon-2017-0090. Epub 2017 Aug 1. PubMed PMID: 28762281.

26: Tsiambas E, Mastronikolis NS, Lefas AY, Georgiannos SN, Ragos V, Fotiades PP, Tsoukalas N, Kavantzias N, Karameris A, Peschos D, Patsouris E, Syrigos K. Chromosome 7 Multiplication in EGFR-positive Lung Carcinomas Based on Tissue

Microarray Analysis. *In Vivo*. 2017 Jul-Aug;31(4):641-648. PubMed PMID: 28652432; PubMed Central PMCID: PMC5566915.

27: P Vassilakopoulos T, Levidou G, Milionis V, Hartmann S, Lakiotaki E, Sepsa A, Thymara I, Ntailiani P, Spanou K, K Angelopoulou M, P Siakantaris M, Moschogiannis M, A Pangalis G, Panayiotidis P, Konstantopoulos K, Patsouris E, Hansmann ML, Korkolopoulou P. Thioredoxin-1, chemokine (C-X-C motif) ligand-9 and interferon- γ expression in the neoplastic cells and macrophages of Hodgkin lymphoma: clinicopathologic correlations and potential prognostic implications. *Leuk Lymphoma*. 2017 Sep;58(9):1-13. doi: 10.1080/10428194.2017.1289520. Epub 2017 Jun 2. PubMed PMID: 28571489.

28: Giaginis C, Karandrea D, Alexandrou P, Giannopoulou I, Tsourouflis G, Troungos C, Danas E, Keramopoulos A, Patsouris E, Nakopoulou L, Theocharis S. High Farnesoid X Receptor (FXR) expression is a strong and independent prognosticator in invasive breast carcinoma. *Neoplasma*. 2017;64(4):633-639. doi: 10.4149/neo_2017_420. PubMed PMID: 28485172.

29: Diamantopoulos PT, Samara S, Kollia P, Giannakopoulou N, Sofotasiou M, Kalala F, Kodandreopoulou E, Zervakis P, Vassilakopoulos T, Siakantaris M, Mantzourani M, Angelopoulou M, Kyrtschonis MC, Korkolopoulou P, Patsouris E, Viniou NA. Tumor Protein 53 Gene Mutations Without 17p13 Deletion Have No Significant Clinical Implications in Chronic Lymphocytic Leukemia. Detection of a New Mutation. *Anticancer Res*. 2017 May;37(5):2387-2391. PubMed PMID: 28476805.

30: Pouliou E, Xochelli A, Kanellis G, Stalika E, Sutton LA, Navarro A, Agathangelidis A, Dimosthenous K, Anagnostopoulos A, Patsouris E, Korkolopoulou P, Sundstrom C, Ghia P, Ponzoni M, Sander B, Campo E, Rosenquist R, Hadzidimitriou A, Stamatopoulos K, Papadaki T. Numerous Ontogenetic Roads to Mantle Cell Lymphoma: Immunogenetic and Immunohistochemical Evidence. *Am J Pathol*. 2017 Jul;187(7):1454-1458. doi: 10.1016/j.ajpath.2017.02.017. Epub 2017 Apr 28. PubMed PMID: 28457696.

31: Tampaki EC, Tampakis A, Nonni A, Kontzoglou K, Patsouris E, Kouraklis G. Nestin and cluster of differentiation 146 expression in breast cancer: Predicting early recurrence by targeting metastasis? *Tumour Biol*. 2017 Mar;39(3):1010428317691181. doi: 10.1177/1010428317691181. PubMed PMID: 28347241.

32: Georgakis MK, Kalogirou EI, Liaskas A, Karalexi MA, Papathoma P, Ladopoulou K, Kantzanou M, Tsivgoulis G; NARECHEM-BT Working Group, Petridou ET. Anthropometrics at birth and risk of a primary central nervous system tumour: A systematic review and meta-analysis. *Eur J Cancer*. 2017 Apr;75:117-131. doi: 10.1016/j.ejca.2016.12.033. Epub 2017 Feb 20. Review. PubMed PMID: 28219020.

33: Toutouzas K, Koutagiar I, Benetos G, Aggeli C, Georgakopoulos A, Athanasiadis E, Pianou N, Trachanellis S, Patelis N, Agrogiannis G, Kafouris P, Filis K, Bessias N, Klonaris C, Spyrou G, Tsiamis E, Siores E, Patsouris E, Cokkinos D, Tousoulis D, Anagnostopoulos CD. Inflamed human carotid plaques evaluated by PET/CT exhibit increased temperature: insights from an in vivo study. *Eur Heart J Cardiovasc Imaging*. 2017 Nov 1;18(11):1236-1244. doi: 10.1093/ehjci/jew219. PubMed PMID: 28011672.

34: Asimomytis A, Karanikou M, Rodolakis A, Vaiopoulou A, Tsetsa P, Creatsas G, Stefanos T, Antsaklis A, Patsouris E, Rassidakis GZ. mTOR downstream effectors, 4EBP1 and eIF4E, are overexpressed and associated with HPV status in precancerous lesions and carcinomas of the uterine cervix. *Oncol Lett*. 2016 Nov;12(5):3234-3240. Epub 2016 Aug 29. PubMed PMID: 27899988; PubMed Central PMCID: PMC5103924.

35: Tsiambas E, Ragos V, Fotiades PP, Patsouris E. Micro-RNAs in p16INK4A (CDKN2A gene) deregulation: A novel molecular approach in cervical and head & neck carcinomas. *J BUON*. 2016 Sept-Oct;21(5):1321-1322. PubMed PMID: 27837640.

36: Baliou E, Nonni A, Keramopoulos D, Ragos V, Tsiambas E, Patsouris E, Pavlakis K. Deregulation of p53-MDM2 auto-regulatory pathway in breast carcinoma. *J BUON*. 2016 Sept-Oct;21(5):1099-1103. PubMed PMID: 27837610.

37: Derdelis G, Pergialiotis V, Terzakis E, Koufopoulos N, Martzoukou I, Gakiopoulou C, Lazaris A, Patsouris E. The impact of inguinal lymph node micrometastases in patients with vulvar cancer. *Arch Gynecol Obstet*. 2017 Feb;295(2):435-438. doi: 10.1007/s00404-016-4233-4. Epub 2016 Nov 10. PubMed PMID: 27832348.

38: Georgakis MK, Karalexi MA, Kalogirou EI, Ryzhov A, Zborovskaya A, Dimitrova N, Eser S, Antunes L, Sekerija M, Zagar T, Bastos J, Agius D, Florea M, Coza D, Bouka E, Bourgioti C, Dana H, Hatzipantelis E, Moschovi M, Papadopoulos S, Sfakianos G, Papakonstantinou E, Polychronopoulou S, Sgouros S, Stefanaki K,

Stiakaki E, Strantzia K, Zountsas B, Pourtsidis A, Patsouris E, Petridou ET. Incidence, time trends and survival patterns of childhood pilocytic astrocytomas in Southern-Eastern Europe and SEER, US. *J Neurooncol.* 2017 Jan;131(1):163-175. doi: 10.1007/s11060-016-2284-9. Epub 2016 Oct 14. PubMed PMID: 27743145.

39: Theocharis S, Giaginis C, Dana E, Thymara I, Rodriguez J, Patsouris E, Klijanienko J. Phosphorylated Epidermal Growth Factor Receptor Expression Is Associated With Clinicopathologic Parameters and Patient Survival in Mobile Tongue Squamous Cell Carcinoma. *J Oral Maxillofac Surg.* 2017 Mar;75(3):632-640. doi: 10.1016/j.joms.2016.08.022. Epub 2016 Aug 27. PubMed PMID: 27657462.

40: Tsiambas E, Ragos V, Grapsa D, Kavantzias N, Karameris A, Stamatelopoulos A, Georgakopoulos G, Fotiades PP, Patsouris E, Syrigos K. Chromosomes 7/17 multiplication vs true polysomy: a crucial issue in lung and breast EGFR/HER2 dependent carcinoma cases. *J BUON.* 2016 May-Jun;21(3):752-3. PubMed PMID: 27569103.

41: Chrysagi A, Kaparos G, Vrekoussis T, Yiannou P, Messini I, Patsouris E, Pavlakis K. Prevalence of HPV genotypes in cervical adenocarcinoma: a study in Greek women. *J BUON.* 2016 May-Jun;21(3):666-72. PubMed PMID: 27569088.

42: Bikou O, Delides A, Drougou A, Nonni A, Patsouris E, Pavlakis K. Fractal Dimension as a Diagnostic Tool of Complex Endometrial Hyperplasia and Well-differentiated Endometrioid Carcinoma. *In Vivo.* 2016 09-10;30(5):681-90. PubMed PMID: 27566091.

43: Triantafillidis J, Vagianos C, Agrogiannis G, Gikas A, Douvi G, Syrmos N, Patsouris E, Papalois A. Effect of Infliximab and Adalimumab on Experimental Colitis Following Orally Supplemented Iron. *J Invest Surg.* 2017 Feb;30(1):6-12. doi: 10.1080/08941939.2016.1215574. Epub 2016 Aug 18. PubMed PMID: 27537429.

44: Polymeropoulos E, Bagos P, Papadimitriou M, Rizos I, Patsouris E, Toumpoulis I. Vitamin C for the Prevention of Postoperative Atrial Fibrillation after Cardiac Surgery: A Meta-Analysis. *Adv Pharm Bull.* 2016 Jun;6(2):243-50. doi: 10.15171/apb.2016.033. Epub 2016 Jun 30. PubMed PMID: 27478787; PubMed Central PMCID: PMC4961983.

45: Tsiambas E, Lefas AY, Georgiannos SN, Ragos V, Fotiades PP, Grapsa D, Stamatelopoulos A, Kavantzias N, Patsouris E, Syrigos K. EGFR gene deregulation mechanisms in lung adenocarcinoma: A molecular review. *Pathol Res Pract.* 2016 Aug;212(8):672-7. doi: 10.1016/j.prp.2016.06.005. Epub 2016 Jun 23. Review.

PubMed PMID: 27461822.

46: Lontos M, Trigka EA, Korkolopoulou P, Tzannis K, Lainakis G, Koutsoukos K, Kostouros E, Lykka M, Papandreou CN, Karavasilis V, Christodoulou C, Papatsoris A, Skolarikos A, Varkarakis I, Adamakis I, Alamanis C, Stravodimos K, Mitropoulos D, Deliveliotis C, Constantinidis CA, Saetta A, Patsouris E, Dimopoulos MA, Bamias A. Expression and prognostic significance of VEGF and mTOR pathway proteins in metastatic renal cell carcinoma patients: a prognostic immunohistochemical profile for kidney cancer patients. *World J Urol.* 2017 Mar;35(3):411-419. doi: 10.1007/s00345-016-1890-7. Epub 2016 Jul 9. PubMed PMID: 27395374.

47: Giaginis C, Lakiotaki E, Korkolopoulou P, Konstantopoulos K, Patsouris E, Theocharis S. Endocannabinoid System: A Promising Therapeutic Target for the Treatment of Haematological Malignancies? *Curr Med Chem.* 2016;23(22):2350-62. Review. PubMed PMID: 27237820.

48: Tserga A, Chatziandreu I, Michalopoulos NV, Patsouris E, Saetta AA. Mutation of genes of the PI3K/AKT pathway in breast cancer supports their potential importance as biomarker for breast cancer aggressiveness. *Virchows Arch.* 2016 Jul;469(1):35-43. doi: 10.1007/s00428-016-1938-5. Epub 2016 Apr 8. PubMed PMID: 27059323.

49: Karadima ML, Saetta AA, Chatziandreu I, Lazaris AC, Patsouris E, Tsavaris N. The Prognostic Influence of BRAF Mutation and other Molecular, Clinical and Laboratory Parameters in Stage IV Colorectal Cancer. *Pathol Oncol Res.* 2016 Oct;22(4):707-14. doi: 10.1007/s12253-016-0056-7. Epub 2016 Mar 31. PubMed PMID: 27033063.

50: Sakellariou S, Fragkou P, Levidou G, Gargalionis AN, Piperi C, Dalagiorgou G, Adamopoulos C, Saetta A, Agrogiannis G, Theohari I, Sougioultzis S, Tsioli P, Karavokyros I, Tsavaris N, Kostakis ID, Zizi-Serbetzoglou A, Vandoros GP, Patsouris E, Korkolopoulou P. Clinical significance of AGE-RAGE axis in colorectal cancer: associations with glyoxalase-I, adiponectin receptor expression and prognosis. *BMC Cancer.* 2016 Mar 1;16:174. doi: 10.1186/s12885-016-2213-5. PubMed PMID: 26931562; PubMed Central PMCID: PMC4774155.

51: Lakiotaki E, Levidou G, Angelopoulou MK, Adamopoulos C, Pangalis G, Rassidakis G, Vassilakopoulos T, Gainaru G, Flevari P, Sachanas S, Saetta AA, Sepsa A, Moschogiannis M, Kalpadakis C, Tsesmetzis N, Milionis V, Chatziandreu

I, Thymara I, Panayiotidis P, Dimopoulou M, Plata E, Konstantopoulos K, Patsouris E, Piperi C, Korkolopoulou P. Potential role of AKT/mTOR signalling proteins in hairy cell leukaemia: association with BRAF/ERK activation and clinical outcome. *Sci Rep*. 2016 Feb 19;6:21252. doi: 10.1038/srep21252. PubMed PMID: 26893254; PubMed Central PMCID: PMC4759548.

52: Louros NN, Chrysina ED, Baltatzis GE, Patsouris ES, Hamodrakas SJ, Iconomidou VA. A common 'aggregation-prone' interface possibly participates in the self-assembly of human zona pellucida proteins. *FEBS Lett*. 2016 Mar;590(5):619-30. doi: 10.1002/1873-3468.12099. Epub 2016 Feb 26. PubMed PMID: 26879157.

53: Tsiambas E, Ragos V, Lefas AY, Georgiannos SN, Grapsa D, Grapsa D, Patsouris E, Syrigos K. Chromosome 7 deregulation in non-small cell lung carcinoma molecular landscape. *J BUON*. 2015 Nov-Dec;20(6):1635-9. PubMed PMID: 26854464.

54: Klapsinou E, Argyri E, Panotopoulou E, Daskalopoulou D, Patsouris E, Nonni A, Lazaris AC, Thomopoulou GH. Bax and Bak expression in cervical smears of women with low-and high-risk HPV types: A study of 120 cases. *J Cytol*. 2015 Oct-Dec;32(4):223-9. doi: 10.4103/0970-9371.171222. PubMed PMID: 26811568; PubMed Central PMCID: PMC4707782.

55: Tasoulas J, Patsouris E, Giaginis C, Theocharis S. Salivaomics for oral diseases biomarkers detection. *Expert Rev Mol Diagn*. 2016;16(3):285-95. doi: 10.1586/14737159.2016.1133296. Epub 2016 Jan 11. Review. PubMed PMID: 26680995.

56: Limouris GS, Poulantzas V, Trompoukis N, Karfis I, Chondrogiannis S, Triantafyllou N, Gennimata V, Mouloupoulou LE, Patsouris E, Nikou G, Michalaki V, Fragulidis G, Paphiti M, McCready RV, Colletti PM, Cook GJ, Rubello D. Comparison of ¹¹¹In-[DTPA0]Octreotide Versus Non Carrier Added ¹⁷⁷Lu-[DOTA0,Tyr3]-Octreotate Efficacy in Patients With GEP-NET Treated Intra-arterially for Liver Metastases. *Clin Nucl Med*. 2016 Mar;41(3):194-200. doi: 10.1097/RLU.0000000000001096. PubMed PMID: 26673241.

57: Pagida MA, Konstantinidou AE, Korelidou A, Katsika D, Tsekoura E, Patsouris E, Panayotacopoulou MT. The Effect of Perinatal Hypoxic/Ischemic Injury on Tyrosine Hydroxylase Expression in the Locus Coeruleus of the Human Neonate. *Dev*

Neurosci. 2016;38(1):41-53. doi: 10.1159/000439270. Epub 2015 Dec 9. PubMed PMID: 26647061.

58: Lakiotaki E, Sakellariou S, Evangelou K, Liapis G, Patsouris E, Delladetsima I. Vascular and ductal elastotic changes in pancreatic cancer. *APMIS*. 2016 Mar;124(3):181-7. doi: 10.1111/apm.12482. Epub 2015 Dec 1. PubMed PMID: 26619815.

59: Lakiotaki E, Giaginis C, Tolia M, Alexandrou P, Delladetsima I, Giannopoulou I, Kyrgias G, Patsouris E, Theocharis S. Clinical Significance of Cannabinoid Receptors CB1 and CB2 Expression in Human Malignant and Benign Thyroid Lesions. *Biomed Res Int*. 2015;2015:839403. doi: 10.1155/2015/839403. Epub 2015 Oct 11. PubMed PMID: 26539529; PubMed Central PMCID: PMC4619873.

60: Giaginis C, Damaskos C, Koutsounas I, Zizi-Serbetzoglou A, Tsoukalas N, Patsouris E, Kouraklis G, Theocharis S. Histone deacetylase (HDAC)-1, -2, -4 and -6 expression in human pancreatic adenocarcinoma: associations with clinicopathological parameters, tumor proliferative capacity and patients' survival. *BMC Gastroenterol*. 2015 Oct 26;15:148. doi: 10.1186/s12876-015-0379-y. PubMed PMID: 26502922; PubMed Central PMCID: PMC4621854.

61: Giaginis C, Alexandrou P, Delladetsima I, Karavokyros I, Danas E, Giagini A, Patsouris E, Theocharis S. Clinical Significance of Hu-Antigen Receptor (HuR) and Cyclooxygenase-2 (COX-2) Expression in Human Malignant and Benign Thyroid Lesions. *Pathol Oncol Res*. 2016 Jan;22(1):189-96. PubMed PMID: 26498465.

62: Theocharis S, Giaginis C, Alexandrou P, Rodriguez J, Tasoulas J, Danas E, Patsouris E, Klijanienko J. Evaluation of cannabinoid CB1 and CB2 receptors expression in mobile tongue squamous cell carcinoma: associations with clinicopathological parameters and patients' survival. *Tumour Biol*. 2016 Mar;37(3):3647-56. doi: 10.1007/s13277-015-4182-8. Epub 2015 Oct 12. PubMed PMID: 26459312.

63: Pelekanou V, Kampa M, Kiagiadaki F, Deli A, Theodoropoulos P, Agrogiannis G, Patsouris E, Tsapis A, Castanas E, Notas G. Estrogen anti-inflammatory activity on human monocytes is mediated through cross-talk between estrogen receptor ER α 36 and GPR30/GPER1. *J Leukoc Biol*. 2016 Feb;99(2):333-47. doi: 10.1189/jlb.3A0914-430RR. Epub 2015 Sep 22. PubMed PMID: 26394816.

- 64: Sakellariou S, Patsouris E. Pathology in Greece. *Pathologie*. 2015 Nov;36 Suppl 2:158-61. doi: 10.1007/s00292-015-0090-3. PubMed PMID: 26391250.
- 65: Koutsounas I, Giaginis C, Alexandrou P, Zizi-Serbetzoglou A, Patsouris E, Kouraklis G, Theocharis S. Pregnane X Receptor Expression in Human Pancreatic Adenocarcinoma: Associations With Clinicopathologic Parameters, Tumor Proliferative Capacity, Patients' Survival, and Retinoid X Receptor Expression. *Pancreas*. 2015 Oct;44(7):1134-40. doi: 10.1097/MPA.0000000000000405. PubMed PMID: 26355550.
- 66: Karalexi MA, Papatoma P, Thomopoulos TP, Ryzhov A, Zborovskaya A, Dimitrova N, Zivkovic S, Eser S, Antunes L, Sekerija M, Zagar T, Bastos J, Demetriou A, Agius D, Cozma R, Coza D, Bouka E, Dessypris N, Belechri M, Dana H, Hatzipantelis E, Papakonstantinou E, Polychronopoulou S, Pourtsidis A, Stiakaki E, Chatziioannou A, Manolitsi K, Orphanidis G, Papadopoulos S, Papathanasiou M, Patsouris E, Sgouros S, Zountsas B, Moschovi M, Steliarova-Foucher E, Petridou ET. Childhood central nervous system tumour mortality and survival in Southern and Eastern Europe (1983-2014): Gaps persist across 14 cancer registries. *Eur J Cancer*. 2015 Nov;51(17):2665-77. doi: 10.1016/j.ejca.2015.08.018. Epub 2015 Sep 3. PubMed PMID: 26343313.
- 67: Giaginis C, Alexandrou P, Poulaki E, Delladetsima I, Troungos C, Patsouris E, Theocharis S. Clinical Significance of EphB4 and EphB6 Expression in Human Malignant and Benign Thyroid Lesions. *Pathol Oncol Res*. 2016 Apr;22(2):269-75. doi: 10.1007/s12253-014-9879-2. Epub 2015 Jul 30. PubMed PMID: 26220827.
- 68: Chatziandreou I, Tsioli P, Sakellariou S, Mourkioti I, Giannopoulou I, Levidou G, Korkolopoulou P, Patsouris E, Saetta AA. Comprehensive Molecular Analysis of NSCLC; Clinicopathological Associations. *PLoS One*. 2015 Jul 24;10(7):e0133859. doi: 10.1371/journal.pone.0133859. eCollection 2015. PubMed PMID: 26208325; PubMed Central PMCID: PMC4514742.
- 69: Karamanou M, Patsouris E, Androutsos G. [The eminent Greek philosopher Aristotle (384-322) on respiration]. *Rev Pneumol Clin*. 2015 Dec;71(6):377-8. doi: 10.1016/j.pneumo.2015.03.011. Epub 2015 Jul 17. French. PubMed PMID: 26190338.
- 70: Mamas CS, Lazaris A, Kostopanagiotou G, Lemonidou C, Patsouris E. The Digital Microscopy in Organ Transplantation: Ergonomics of the Tele-Pathological Evaluation of Renal and Liver Grafts. *Stud Health Technol Inform*. 2015;213:287-90. PubMed PMID: 26153017.

71: Kostakis ID, Agrogiannis G, Vaiopoulos AG, Mylona E, Patsouris E, Kouraklis G, Koutsilieris M. A clinicopathological analysis of KISS1 and KISS1R expression in colorectal cancer. *APMIS*. 2015 Jul;123(7):629-37. doi: 10.1111/apm.12397. Epub 2015 May 22. PubMed PMID: 26010933.

72: Theocharis S, Gribilas G, Giaginis C, Patsouris E, Klijanienko J. Angiogenesis in salivary gland tumors: from clinical significance to treatment. *Expert Opin Ther Targets*. 2015 Jun;19(6):807-19. doi: 10.1517/14728222.2015.1016424. Epub 2015 May 8. Review. PubMed PMID: 25956454.

73: Moris D, Georgopoulos S, Felekouras E, Patsouris E, Theocharis S. The effect of endocannabinoid system in ischemia-reperfusion injury: a friend or a foe? *Expert Opin Ther Targets*. 2015;19(9):1261-75. doi: 10.1517/14728222.2015.1043268. Epub 2015 May 2. Review. PubMed PMID: 25936364.

74: Tasioudi KE, Sakellariou S, Levidou G, Theodorou D, Michalopoulos NV, Patsouris E, Korkolopoulou P, Saetta AA. Immunohistochemical and molecular analysis of PI3K/AKT/mTOR pathway in esophageal carcinoma. *APMIS*. 2015 Aug;123(8):639-47. doi: 10.1111/apm.12398. Epub 2015 Apr 27. PubMed PMID: 25912437.

75: Michailidi C, Theocharis S, Tsurouflis G, Pletsas V, Kouraklis G, Patsouris E, Papavassiliou AG, Troungos C. Expression and promoter methylation status of hMLH1, MGMT, APC, and CDH1 genes in patients with colon adenocarcinoma. *Exp Biol Med (Maywood)*. 2015 Dec;240(12):1599-605. doi: 10.1177/1535370215583800. Epub 2015 Apr 23. PubMed PMID: 25908636; PubMed Central PMCID: PMC4935349.

76: Vasou O, Skagias L, Anastasia M, Paulina A, Patsouris E, Politi E. Detection of pAkt protein in imprint cytology of invasive breast cancer: Correlation with HER2/neu, hormone receptors, and other clinicopathological variables. *Cytojournal*. 2015 Mar 25;12:6. doi: 10.4103/1742-6413.153965. eCollection 2015. PubMed PMID: 25838835; PubMed Central PMCID: PMC4382762.

77: Chrysikos DT, Sergeantanis TN, Zagouri F, Psaltopoulou T, Theodoropoulos G, Flessas I, Agrogiannis G, Alexakis N, Lymperi M, Katsarou AI, Patsouris ES, Zografos CG, Papalois AE. Lazaroid U-74389G Administration in Pancreatic Ischemia-Reperfusion Injury: A Swine Model Encompassing Ischemic Preconditioning.

JOP. 2015 Mar 20;16(2):176-84. doi: 10.6092/1590-8577/2952. PubMed PMID: 25791552.

78: Gatzidou E, Mantzourani M, Giaginis C, Giagini A, Patsouris E, Kouraklis G, Theocharis S. Augmenter of liver regeneration gene expression in human colon cancer cell lines and clinical tissue samples. *J BUON*. 2015 Jan-Feb;20(1):84-91. PubMed PMID: 25778301.

79: Paraskevakou H, Orfanos S, Diamantis T, Konstantinidou A, Patsouris E. Primary retroperitoneal mucinous cystadenoma. A rare case with two cysts and review of the literature. *Hippokratia*. 2014 Jul-Sep;18(3):278-81. PubMed PMID: 25694766; PubMed Central PMCID: PMC4309152.

80: Georgiadou D, Sergeantanis TN, Sakellariou S, Filippakis GM, Zagouri F, Psaltopoulou T, Lazaris AC, Patsouris E, Gounaris A, Zografos GC. Immunohistochemical expression of sex steroid hormone receptors, cell cycle regulators and angiogenesis factors in intraductal papillary mucinous neoplasms: an explorative study. *Anticancer Res*. 2015 Feb;35(2):1049-56. PubMed PMID: 25667493.

81: Sepsa A, Levidou G, Gargalionis A, Adamopoulos C, Spyropoulou A, Dalagiorgou G, Thymara I, Boviatsis E, Themistocleous MS, Petraki K, Vrettakos G, Samaras V, Zisakis A, Patsouris E, Piperi C, Korkolopoulou P. Emerging role of linker histone variant H1x as a biomarker with prognostic value in astrocytic gliomas. A multivariate analysis including trimethylation of H3K9 and H4K20. *PLoS One*. 2015 Jan 20;10(1):e0115101. doi: 10.1371/journal.pone.0115101. eCollection 2015. PubMed PMID: 25602259; PubMed Central PMCID: PMC4300227.

82: Giaginis C, Koutsounas I, Alexandrou P, Zizi-Serbetzoglou A, Patsouris E, Kouraklis G, Theocharis S. Elevated Farnesoid X Receptor (FXR) and Retinoid X Receptors (RXRs) expression is associated with less tumor aggressiveness and favourable prognosis in patients with pancreatic adenocarcinoma. *Neoplasma*. 2015;62(2):332-41. doi: 10.4149/neo_2015_040. PubMed PMID: 25591600.

83: Koutsounas I, Theocharis S, Delladetsima I, Patsouris E, Giaginis C. Farnesoid x receptor in human metabolism and disease: the interplay between gene polymorphisms, clinical phenotypes and disease susceptibility. *Expert Opin Drug Metab Toxicol*. 2015 Apr;11(4):523-32. doi: 10.1517/17425255.2014.999664. Epub 2015 Jan 2. Review. PubMed PMID: 25553772.

84: Amptoulach S, Lazaris AC, Giannopoulou I, Kavantzias N, Patsouris E, Tsavaris N. Expression of caspase-3 predicts prognosis in advanced noncardia gastric

cancer. *Med Oncol*. 2015 Jan;32(1):416. doi: 10.1007/s12032-014-0416-7. Epub 2014 Dec 5. PubMed PMID: 25476481.

85: Bikis C, Moris D, Vasileiou I, Patsouris E, Theocharis S. FAK/Src family of kinases: protective or aggravating factor for ischemia reperfusion injury in nervous system? *Expert Opin Ther Targets*. 2015 Apr;19(4):539-49. doi: 10.1517/14728222.2014.990374. Epub 2014 Dec 4. Review. PubMed PMID: 25474489.

86: Zogopoulos P, Korkolopoulou P, Patsouris E, Theocharis S. The antitumor action of cannabinoids on glioma tumorigenesis. *Histol Histopathol*. 2015 Jun;30(6):629-45. doi: 10.14670/HH-30.629. Epub 2014 Dec 4. Review. PubMed PMID: 25472761.

87: Moraitis D, Karanikou M, Liakou C, Dimas K, Tzimas G, Tseleni-Balafouta S, Patsouris E, Rassidakis GZ, Kouvaraki MA. SIN1, a critical component of the mTOR-Rictor complex, is overexpressed and associated with AKT activation in medullary and aggressive papillary thyroid carcinomas. *Surgery*. 2014 Dec;156(6):1542-8; discussion 1548-9. doi: 10.1016/j.surg.2014.08.095. Epub 2014 Nov 11. PubMed PMID: 25456951.

88: Flessas I, Bramis I, Menenakos E, Toutouzas K, Agrogiannis G, Patsouris E, Nonni A, Chrysikos D, Korontzi M, Gioxari A, Zografos G, Papalois A. Effects of lazaroid U-74389G on intestinal ischemia and reperfusion injury in porcine experimental model. *Int J Surg*. 2015 Jan;13:42-48. doi: 10.1016/j.ijssu.2014.11.030. Epub 2014 Nov 28. PubMed PMID: 25438077.

89: Iliakis T, Rougkala N, Diamantopoulos PT, Papadopoulou V, Kalala F, Zervakis K, Giannakopoulou N, Chatzinikolaou P, Levidou G, Lakiotaki E, Korkolopoulou P, Patsouris E, Variami E, Viniou NA. An adult patient with systemic mastocytosis and B-acute lymphoblastic leukemia. *Case Rep Med*. 2014;2014:526129. doi: 10.1155/2014/526129. Epub 2014 Nov 6. PubMed PMID: 25431599; PubMed Central PMCID: PMC4238232.

90: Alafuzoff I, Pikkarainen M, Neumann M, Arzberger T, Al-Sarraj S, Bodi I, Bogdanovic N, Bugiani O, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Graeber MB, Hortobagyi T, Ince PG, Ironside JW, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Nilsson T, Parchi P, Patsouris E, Revesz T, Roggendorf W, Rozemuller A, Seilhean D, Streichenberger N, Thal DR, Wharton SB, Kretschmar H. Erratum to: Neuropathological assessments of the pathology in frontotemporal lobar degeneration with TDP43-positive inclusions: an inter-laboratory study by the BrainNet Europe consortium. *J Neural Transm*

(Vienna). 2015 Jul;122(7):973-4. doi: 10.1007/s00702-014-1337-5. PubMed PMID: 25418279.

91: Nicolopoulou-Stamati P, Tsipis A, Chelidonis G, Patsouris E, Athanassiadou P, Gonidi M, Athanassiadou AM. Prognostic value of COX-2, P53, and EZH-2 evaluated by quantitative image analysis in premalignant and malignant breast lesions. *Diagn Cytopathol*. 2015 Apr;43(4):294-300. doi: 10.1002/dc.23217. Epub 2014 Oct 30. PubMed PMID: 25355039.

92: Margonis GA, Christoloukas N, Antoniou E, Arkadopoulos N, Theodoropoulos G, Agrogiannis G, Pikoulis E, Patsouris ES, Zografos GC, Papalois AE. Effectiveness of sildenafil and U-74389G in a rat model of colitis. *J Surg Res*. 2015 Feb;193(2):667-74. doi: 10.1016/j.jss.2014.08.064. Epub 2014 Sep 6. PubMed PMID: 25277360.

93: Papadavid E, Korkolopoulou P, Levidou G, Sietta AA, Papadaki T, Siakantaris M, Nikolaou V, Oikonomidi A, Chatziandreu I, Marinos L, Kolialexi A, Stratigos A, Rigopoulos D, Psyrris A, Patsouris E, Antoniou C. In situ assessment of PI3K and PTEN alterations in mycosis fungoides: correlation with clinicopathological features. *Exp Dermatol*. 2014 Dec;23(12):931-3. doi: 10.1111/exd.12547. PubMed PMID: 25267489.

94: Giaginis C, Alexandrou P, Tsoukalas N, Sfiniadakis I, Kavantzias N, Agapitos E, Patsouris E, Theocharis S. Hu-antigen receptor (HuR) and cyclooxygenase-2 (COX-2) expression in human non-small-cell lung carcinoma: associations with clinicopathological parameters, tumor proliferative capacity and patients' survival. *Tumour Biol*. 2015 Jan;36(1):315-27. doi: 10.1007/s13277-014-2637-y. Epub 2014 Sep 25. PubMed PMID: 25252849.

95: Alafuzoff I, Pikkarainen M, Neumann M, Arzberger T, Al-Sarraj S, Bodi I, Bogdanovic N, Bugiani O, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Graeber MB, Hortobagyi T, Ince PG, Ironside JW, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Nilsson T, Parchi P, Patsouris E, Revesz T, Roggendorf W, Rozemuller A, Seilhean D, Streichenberger N, Thal DR, Wharton SB, Kretschmar H. Neuropathological assessments of the pathology in frontotemporal lobar degeneration with TDP43-positive inclusions: an inter-laboratory study by the BrainNet Europe consortium. *J Neural Transm (Vienna)*. 2015 Jul;122(7):957-72. doi: 10.1007/s00702-014-1304-1. Epub 2014 Sep 20. Erratum in: *J Neural Transm (Vienna)*. 2015 Jul;122(7):973-4. PubMed PMID: 25239189.

96: Tasoulas J, Giaginis C, Patsouris E, Manolis E, Theocharis S. Histone deacetylase inhibitors in oral squamous cell carcinoma treatment. *Expert Opin*

Investig Drugs. 2015 Jan;24(1):69-78. Epub 2014 Sep 12. PubMed PMID: 25216628.

97: El-Habr EA, Levidou G, Trigka EA, Sakalidou J, Piperi C, Chatziandreou I, Spyropoulou A, Soldatos R, Tomara G, Petraki K, Samaras V, Zisakis A, Varsos V, Vrettakos G, Boviatsis E, Patsouris E, Saetta AA, Korkolopoulou P. Complex interactions between the components of the PI3K/AKT/mTOR pathway, and with components of MAPK, JAK/STAT and Notch-1 pathways, indicate their involvement in meningioma development. *Virchows Arch.* 2014 Oct;465(4):473-85. doi: 10.1007/s00428-014-1641-3. Epub 2014 Aug 22. PubMed PMID: 25146167.

98: Atsaves V, Lekakis L, Drakos E, Leventaki V, Ghaderi M, Baltatzis GE, Chioureas D, Jones D, Feretzaki M, Liakou C, Panayiotidis P, Gorgoulis V, Patsouris E, Medeiros LJ, Claret FX, Rassidakis GZ. The oncogenic JUNB/CD30 axis contributes to cell cycle deregulation in ALK+ anaplastic large cell lymphoma. *Br J Haematol.* 2014 Nov;167(4):514-23. doi: 10.1111/bjh.13079. Epub 2014 Aug 22. PubMed PMID: 25145835.

99: Gargalionis AN, Korkolopoulou P, Farmaki E, Piperi C, Dalagiorgou G, Adamopoulos C, Levidou G, Saetta A, Fragkou P, Tsioli P, Kiaris H, Zizi-Serbetzoglou A, Karavokyros I, Papavassiliou KA, Tsavaris N, Patsouris E, Basdra EK, Papavassiliou AG. Polycystin-1 and polycystin-2 are involved in the acquisition of aggressive phenotypes in colorectal cancer. *Int J Cancer.* 2015 Apr 1;136(7):1515-27. doi: 10.1002/ijc.29140. Epub 2014 Sep 3. PubMed PMID: 25123959.

100: Stefanadis C, Synetos A, Tsioufis C, Drakopoulou M, Tsiamis E, Tousoulis D, Agrogiannis G, Patsouris E, Toutouzas K. Chemical renal denervation by vincristine: the role of the flow rate of delivery. *Cardiovasc Intervent Radiol.* 2014 Oct;37(5):1336-42. doi: 10.1007/s00270-014-0958-2. Epub 2014 Aug 12. PubMed PMID: 25112883.

101: Georgiadou D, Sergeantanis TN, Sakellariou S, Filippakis GM, Zagouri F, Vlachodimitropoulos D, Psaltopoulou T, Lazaris AC, Patsouris E, Zografos GC. Cyclin D1, p16(INK) (4A) and p27(Kip1) in pancreatic adenocarcinoma: assessing prognostic implications through quantitative image analysis. *APMIS.* 2014 Dec;122(12):1230-9. doi: 10.1111/apm.12289. Epub 2014 Jul 22. PubMed PMID: 25053516.

102: Synetos A, Toutouzas K, Benetos G, Drakopoulou M, Trantalis G, Kotronias R, Agrogiannis G, Tsiamis E, Deftereos S, Davlouros P, Patsouris E, Stefanadis C. Catheter based inhibition of arterial calcification by bisphosphonates in an experimental atherosclerotic rabbit animal model. *Int J Cardiol.* 2014

Sep;176(1):177-81. doi: 10.1016/j.ijcard.2014.07.008. Epub 2014 Jul 11. PubMed PMID: 25042648.

103: Pateras I, Giaginis C, Tsigris C, Patsouris E, Theocharis S. NF- κ B signaling at the crossroads of inflammation and atherogenesis: searching for new therapeutic links. *Expert Opin Ther Targets*. 2014 Sep;18(9):1089-101. doi: 10.1517/14728222.2014.938051. Epub 2014 Jul 8. Review. PubMed PMID: 25005042.

104: Mamas CS, Geropoulos S, Kavantzias N, Chanjiioannou A, Doteiras C, Saatsakis G, Lemonidou C, Patsouris E. Telemedicine systems in organ transplantation: a feasibility and reliability study of the integrated teleradiological and tele-pathological evaluation of the cardiac graft. *Stud Health Technol Inform*. 2014;202:303-6. PubMed PMID: 25000077.

105: Mamas CS, Kavantzias N, Geropoulos S, Chanjiioannou A, Doteiras C, Saatsakis G, Lemonidou C, Patsouris E. Integrated Tele-radiological and Tele-pathological Evaluation of Pulmonary Grafts for Reducing the Rate of Injured and Diseased Grafts, in Lung Transplant. *Stud Health Technol Inform*. 2014;202:291-4. PubMed PMID: 25000074.

106: Batsi O, Giannopoulou I, Nesseris I, Valavanis C, Gakiopoulou H, Patsouris ES, Arapandoni-Dadioti P, Lazaris AC. Immunohistochemical evaluation of CXCL12-CXCR4 axis and VEGFR3 expression in primary urothelial cancer and its recurrence. *Anticancer Res*. 2014 Jul;34(7):3537-42. PubMed PMID: 24982366.

107: Triantafillidis JK, Douvi G, Agrogiannis G, Patsouris E, Gikas A, Papalois AE. Effect of mesalamine and prednisolone on TNBS experimental colitis, following various doses of orally administered iron. *Biomed Res Int*. 2014;2014:648535. doi: 10.1155/2014/648535. Epub 2014 May 4. PubMed PMID: 24895596; PubMed Central PMCID: PMC4026876.

108: Levidou G, Sachanas S, Pangalis GA, Kalpadakis C, Yiakoumis X, Moschogiannis M, Sepsa A, Lakiotaki E, Milionis V, Kyrtsionis MC, Vassilakopoulos TP, Tsirkinidis P, Kontopidou F, Kokoris S, Siakantaris M, Angelopoulou M, Papadaki H, Kavantzias N, Panayiotidis P, Patsouris E, Korkolopoulou P. Immunohistochemical analysis of IL-6, IL-8/CXCR2 axis, Tyr p-STAT-3, and SOCS-3 in lymph nodes from patients with chronic lymphocytic leukemia: correlation between microvascular characteristics and prognostic significance. *Biomed Res Int*. 2014;2014:251479.

doi: 10.1155/2014/251479. Epub 2014 May 5. PubMed PMID: 24883303; PubMed Central
PMCID: PMC4026921.

109: Agrogiannis GD, Sifakis S, Patsouris ES, Konstantinidou AE. Insulin-like growth factors in embryonic and fetal growth and skeletal development (Review). *Mol Med Rep.* 2014 Aug;10(2):579-84. doi: 10.3892/mmr.2014.2258. Epub 2014 May 21.
Review. PubMed PMID: 24859417; PubMed Central PMCID: PMC4094767.

110: Giaginis C, Kourou E, Giagini A, Goutas N, Patsouris E, Kouraklis G, Theocharis S. Platelet-activating factor (PAF) receptor expression is associated with histopathological stage and grade and patients' survival in gastric adenocarcinoma. *Neoplasma.* 2014;61(3):309-17. PubMed PMID: 24824933.

111: Tsoukalas N, Kostakis ID, Siakavellas S, Giaginis C, Bournakis E, Sfiniadakis I, Karameris A, Patsouris E, Theocharis S. The clinical and pathological significance of RCAS1 expression as a prognostic biomarker in non-small cell lung cancer. *In Vivo.* 2014 May-Jun;28(3):375-81. PubMed PMID: 24815841.

112: Kalogeraki A, Korkolopoulou P, Tamiolakis D, Papadakis CE, Sepsa C, Lagoudaki E, Patsouris E. Myoepithelial carcinoma of the parotid gland. *Malays J Pathol.* 2014 Apr;36(1):51-4. PubMed PMID: 24763235.

113: Vlachos II, Barbatis C, Tsopanomichalou M, Abou-Assabeh L, Goumas K, Ginieri-Coccosis M, Economou M, Papadimitriou GN, Patsouris E, Nicolopoulou-Stamati P. Correlation between depression, anxiety, and polymorphonuclear cells' resilience in ulcerative colitis: the mediating role of heat shock protein 70. *BMC Gastroenterol.* 2014 Apr 17;14:77. doi: 10.1186/1471-230X-14-77. PubMed PMID: 24742079; PubMed Central PMCID: PMC4003512.

114: Theocharis S, Kotta-Loizou I, Klijanienko J, Giaginis C, Alexandrou P, Dana E, Rodriguez J, Patsouris E, Sastre-Garau X. Extracellular signal-regulated kinase (ERK) expression and activation in mobile tongue squamous cell carcinoma: associations with clinicopathological parameters and patients survival. *Tumour Biol.* 2014 Jul;35(7):6455-65. doi: 10.1007/s13277-014-1853-9. Epub 2014 Mar 30. PubMed PMID: 24682903.

115: Fotiades PP, Tsiambas E, Lazaris AC, Saetta AA, Karameris A, Vilaras G, Patsouris E. HER2/CHR 17 tissue microarray chromogenic in situ hybridization analysis in colon adenocarcinoma: multiple gene signals vs protein expression. *J*

BUON. 2014 Jan-Mar;19(1):109-14. PubMed PMID: 24659651.

116: Moreas H, Tsiambas E, Lazaris AC, Nonni A, Karameris A, Metaxas GE, Armatas HE, Patsouris E. Impact of HPV detection in colorectal adenocarcinoma: HPV protein and chromogenic in situ hybridization analysis based on tissue microarrays. J BUON. 2014 Jan-Mar;19(1):91-6. PubMed PMID: 24659648.

117: Stofas A, Levidou G, Piperi C, Adamopoulos C, Dalagiorgou G, Bamias A, Karadimou A, Lainakis GA, Papadoukakis S, Stravodimos K, Dimopoulos MA, Patsouris E, Gakiopoulou H, Korkolopoulou P. The role of CXC-chemokine receptor CXCR2 and suppressor of cytokine signaling-3 (SOCS-3) in renal cell carcinoma. BMC Cancer. 2014 Mar 4;14:149. doi: 10.1186/1471-2407-14-149. PubMed PMID: 24593195; PubMed Central PMCID: PMC4015755.

118: Stamatelli A, Vlachou C, Aroni K, Papassideri I, Patsouris E, Saetta AA. Epigenetic alterations in sporadic basal cell carcinomas. Arch Dermatol Res. 2014 Aug;306(6):561-9. doi: 10.1007/s00403-014-1454-x. Epub 2014 Feb 27. PubMed PMID: 24573469.

119: Giaginis C, Tsoukalas N, Bournakis E, Alexandrou P, Kavantzias N, Patsouris E, Theocharis S. Ephrin (Eph) receptor A1, A4, A5 and A7 expression in human non-small cell lung carcinoma: associations with clinicopathological parameters, tumor proliferative capacity and patients' survival. BMC Clin Pathol. 2014 Feb 4;14(1):8. doi: 10.1186/1472-6890-14-8. PubMed PMID: 24495444; PubMed Central PMCID: PMC4234387.

120: Georgiadou D, Sergentanis TN, Sakellariou S, Filippakis GM, Zagouri F, Vlachodimitropoulos D, Psaltopoulou T, Lazaris AC, Patsouris E, Zografos GC. VEGF and Id-1 in pancreatic adenocarcinoma: prognostic significance and impact on angiogenesis. Eur J Surg Oncol. 2014 Oct;40(10):1331-7. doi: 10.1016/j.ejso.2014.01.004. Epub 2014 Jan 18. PubMed PMID: 24480377.

121: Leventaki V, Drakos E, Karanikou M, Psatha K, Lin P, Schlette E, Eliopoulos A, Vassilakopoulos TP, Papadaki H, Patsouris E, Medeiros LJ, Rassidakis GZ. c-JUN N-terminal kinase (JNK) is activated and contributes to tumor cell proliferation in classical Hodgkin lymphoma. Hum Pathol. 2014 Mar;45(3):565-72. doi: 10.1016/j.humpath.2013.10.024. Epub 2013 Oct 31. PubMed PMID: 24457077.

122: Lainakis NG, Papalois A, Agrogiannis G, Antonopoulos CN, Michail P, Bastounis E, Patsouris E, Felekouras E. Development of an animal model of fibrous cholangitis in pigs. *J Invest Surg.* 2014 Apr;27(2):95-101. doi: 10.3109/08941939.2013.839010. Epub 2014 Jan 10. PubMed PMID: 24410545.

123: Panousis D, Xepapadakis G, Lagoudianakis E, Karavitis G, Salemis N, Koronakis N, Patsouris E, Koronarchis D, Grosomanidis D, Chryssikos G, Ntasiou P, Kyriakidou V, Athanassiadou AM, Athanassiadou P. Prognostic value of EZH2, paxillin expression and DNA ploidy of breast adenocarcinoma: correlation to pathologic predictors. *J BUON.* 2013 Oct-Dec;18(4):879-85. PubMed PMID: 24344012.

124: Chryssikos DT, Sergentanis TN, Zagouri F, Psaltopoulou T, Flessas I, Agrogiannis G, Alexakis N, Bramis I, Patsouri EE, Patsouris ES, Korontzi M, Katsarou A, Zografos GC, Papalois AE. The effect of U-74389G on pancreas ischemia-reperfusion injury in a swine model. *J Surg Res.* 2014 Apr;187(2):450-7. doi: 10.1016/j.jss.2013.11.1082. Epub 2013 Nov 16. PubMed PMID: 24332939.

125: Louros NN, Iconomidou VA, Tsiolaki PL, Chryssina ED, Baltatzis GE, Patsouris ES, Hamodrakas SJ. An N-terminal pro-atrial natriuretic peptide (NT-proANP) 'aggregation-prone' segment involved in isolated atrial amyloidosis. *FEBS Lett.* 2014 Jan 3;588(1):52-7. doi: 10.1016/j.febslet.2013.10.049. Epub 2013 Nov 9. PubMed PMID: 24220659.

126: Giaginis C, Efkarpidis T, Alexandrou P, Patsouris E, Kouraklis G, Theocharis S. Increased RCAS1 expression is associated with advanced histopathological stage and poor prognosis in patients with gastric adenocarcinoma. *Dis Markers.* 2013;35(4):213-9. doi: 10.1155/2013/527548. Epub 2013 Sep 3. PubMed PMID: 24167369; PubMed Central PMCID: PMC3776369.

127: Kosmas K, Stamoulas M, Marouga A, Kavantzias N, Patsouris E, Athanassiadou P. Expression of p53 in imprint smears of endometrial carcinoma. *Diagn Cytopathol.* 2014 May;42(5):416-22. doi: 10.1002/dc.23056. Epub 2013 Oct 25. PubMed PMID: 24167025.

128: Kandilis AN, Karidis NP, Kouraklis G, Patsouris E, Vasileiou I, Theocharis S. Proteasome inhibitors: possible novel therapeutic strategy for ischemia-reperfusion injury? *Expert Opin Investig Drugs.* 2014 Jan;23(1):67-80. doi: 10.1517/13543784.2013.840287. Epub 2013 Oct 14. Review. PubMed PMID: 24125540.

- 129: Apostolou G, Apostolou N, Nikolaidou C, Kavantzias N, Patsouris E, Athanassiadou P. Cytodiagnosis of endometrial carcinoma and hyperplasia on imprint smears with additional immunocytochemistry using Ki-67 and p53 biomarkers. *Cytopathology*. 2014 Apr;25(2):86-94. doi: 10.1111/cyt.12095. Epub 2013 Oct 14. PubMed PMID: 24118263.
- 130: Pagida MA, Konstantinidou AE, Malidelis YI, Ganou V, Tsekoura E, Patsouris E, Panayotacopoulou MT. The human neurosecretory neurones under perinatal hypoxia: a quantitative immunohistochemical study of the supraoptic nucleus in autopsy material. *J Neuroendocrinol*. 2013 Dec;25(12):1255-1263. doi: 10.1111/jne.12111. PubMed PMID: 24118231.
- 131: Kefala M, Papageorgiou SG, Kontos CK, Economopoulou P, Tsanas A, Pappa V, Panayiotides IG, Gorgoulis VG, Patsouris E, Foukas PG. Increased expression of phosphorylated NBS1, a key molecule of the DNA damage response machinery, is an adverse prognostic factor in patients with de novo myelodysplastic syndromes. *Leuk Res*. 2013 Nov;37(11):1576-82. doi: 10.1016/j.leukres.2013.08.018. Epub 2013 Sep 5. PubMed PMID: 24054861.
- 132: Kotta-Loizou I, Patsouris E, Theocharis S. Pregnane X receptor polymorphisms associated with human diseases. *Expert Opin Ther Targets*. 2013 Oct;17(10):1167-77. doi: 10.1517/14728222.2013.823403. Epub 2013 Sep 8. Review. PubMed PMID: 24044545.
- 133: Kostakis ID, Agrogiannis G, Vaiopoulos AG, Mylona E, Patsouris E, Kouraklis G, Koutsilieris M. KISS1 expression in colorectal cancer. *APMIS*. 2013 Oct;121(10):1004-10. doi: 10.1111/apm.12161. Epub 2013 Sep 6. PubMed PMID: 24033850.
- 134: Liapis G, Boletis J, Skalioti C, Bamias G, Tsimaratou K, Patsouris E, Delladetsima I. Histological spectrum of mycophenolate mofetil-related colitis: association with apoptosis. *Histopathology*. 2013 Nov;63(5):649-58. doi: 10.1111/his.12222. Epub 2013 Sep 11. PubMed PMID: 24025088.
- 135: Theocharis S, Klijanienko J, Giaginis C, Alexandrou P, Patsouris E, Sastre-Garau X. Ephrin receptor (Eph) -A1, -A2, -A4 and -A7 expression in mobile tongue squamous cell carcinoma: associations with clinicopathological parameters and patients survival. *Pathol Oncol Res*. 2014 Apr;20(2):277-84. doi: 10.1007/s12253-013-9692-3. Epub 2013 Sep 11. PubMed PMID: 24022400.
- 136: Pagida MA, Konstantinidou AE, Tsekoura E, Patsouris E, Panayotacopoulou MT.

Immunohistochemical demonstration of urocortin 1 in Edinger-Westphal nucleus of the human neonate: colocalization with tyrosine hydroxylase under acute perinatal hypoxia. *Neurosci Lett*. 2013 Oct 25;554:47-52. doi: 10.1016/j.neulet.2013.08.054. Epub 2013 Sep 4. PubMed PMID: 24012814.

137: Stefanadis C, Synetos A, Toutouzas K, Tsioufis C, Drakopoulou M, Tsiamis E, Agrogiannis G, Patsouris E, Tousoulis D. Barodenervation of the sympathetic nervous system of the renal artery. A new concept. *Int J Cardiol*. 2013 Oct;168(4):4443-4. doi: 10.1016/j.ijcard.2013.06.152. Epub 2013 Jul 23. PubMed PMID: 23886530.

138: Giaginis C, Alexandrou P, Delladetsima I, Giannopoulou I, Patsouris E, Theocharis S. Clinical significance of histone deacetylase (HDAC)-1, HDAC-2, HDAC-4, and HDAC-6 expression in human malignant and benign thyroid lesions. *Tumour Biol*. 2014 Jan;35(1):61-71. doi: 10.1007/s13277-013-1007-5. Epub 2013 Jul 20. PubMed PMID: 23873102.

139: Xynos ID, Kavantzias N, Tsaousi S, Zacharakis M, Agrogiannis G, Kosmas C, Lazaris A, Sarantonis J, Sougioultzis S, Tzivras D, Polyzos A, Patsouris ES, Tsavaris N. Factors Influencing Survival in Stage IV Colorectal Cancer: The Influence of DNA Ploidy. *ISRN Gastroenterol*. 2013 Jun 4;2013:490578. doi: 10.1155/2013/490578. Print 2013. PubMed PMID: 23840958; PubMed Central PMCID: PMC3687494.

140: Mammas CS, Lazaris A, Geropoulos S, Saatsakis G, Lemonidou C, Patsouris E. Telemedicine systems in organ transplantation: a feasibility and reliability study of the integrated teleradiological and tele-pathological evaluation of liver graft. *Stud Health Technol Inform*. 2013;190:285-7. PubMed PMID: 23823450.

141: Mammas CS, Lazaris A, Geropoulos S, Saatsakis G, Lemonidou C, Patsouris E. Telemedicine systems in organ transplantation: a feasibility and reliability study of the integrated teleradiological and tele-pathological evaluation of pancreas graft. *Stud Health Technol Inform*. 2013;190:282-4. PubMed PMID: 23823449.

142: Mammas CS, Lazaris A, Geropoulos S, Saatsakis G, Lemonidou C, Patsouris E. Telemedicine systems in organ transplantation: a feasibility and reliability study of the integrated teleradiological and tele-pathological evaluation of renal graft. *Stud Health Technol Inform*. 2013;190:279-81. PubMed PMID: 23823448.

143: Mammas CS, Geropoulos S, Saatsakis G, Konstantinidou A, Lemonidou C,

Patsouris E. Telepathology as a method to optimize quality in organ transplantation: a feasibility and reliability study of the virtual benching of liver graft. *Stud Health Technol Inform.* 2013;190:276-8. PubMed PMID: 23823447.

144: Mamas CS, Lazaris A, Geropoulos S, Saatsakis G, Lemonidou C, Patsouris E. Telepathology as a method to optimize quality in organ transplantation: a feasibility and reliability study of the virtual benching of pancreas graft. *Stud Health Technol Inform.* 2013;190:273-5. PubMed PMID: 23823446.

145: Mamas CS, Kavantzias N, Geropoulos S, Saatsakis G, Lemonidou C, Patsouris E. Telepathology as a method to optimize quality in organ transplantation: a feasibility and reliability study of the virtual benching of renal graft. *Stud Health Technol Inform.* 2013;190:270-2. PubMed PMID: 23823445.

146: Panou M, Kavantzias N, Sergentanis T, Sakellariou S, Agrogiannis G, Chatzipantelis P, Anastasopoulou E, Soranoglou V, Zagouri F, Korkolopoulou P, Patsouris E, Bramis I, Zografos GC. Estimation of maspin's subcellular localization in invasive ductal breast cancer via light microscopy and computerized image analysis: a comparative study. *J BUON.* 2013 Apr-Jun;18(2):342-51. PubMed PMID: 23818344.

147: Dimtsas GS, Georgiadi EC, Karakitsos P, Vassilakopoulos TP, Thymara I, Korkolopoulou P, Patsouris E, Kittas C, Doussis-Anagnostopoulou IA. Prognostic significance of immunohistochemical expression of the angiogenic molecules vascular endothelial growth factor-A, vascular endothelial growth factor receptor-1 and vascular endothelial growth factor receptor-2 in patients with classical Hodgkin lymphoma. *Leuk Lymphoma.* 2014 Mar;55(3):558-64. doi: 10.3109/10428194.2013.813629. Epub 2013 Jul 16. PubMed PMID: 23772669.

148: Vasileiou I, Adamakis I, Patsouris E, Theocharis S. Ephrins and pain. *Expert Opin Ther Targets.* 2013 Aug;17(8):879-87. doi: 10.1517/14728222.2013.801456. Epub 2013 Jun 8. Review. PubMed PMID: 23746169.

149: Stefanadis C, Synetos A, Toutouzas K, Tsioufis C, Drakopoulou M, Tsiamis E, Agrogiannis G, Patsouris E, Tousoulis D. New double balloon delivery catheter for chemical denervation of the renal artery with vincristine. *Int J Cardiol.* 2013 Oct 9;168(4):4346-8. doi: 10.1016/j.ijcard.2013.05.075. Epub 2013 Jun 2. PubMed PMID: 23735339.

150: Apostolou G, Apostolou N, Biteli M, Kavantzias N, Patsouris E, Athanassiadou P. Utility of Ki-67, p53, Bcl-2, and Cox-2 biomarkers for low-grade endometrial

cancer and disordered proliferative/benign hyperplastic endometrium by imprint cytology. *Diagn Cytopathol.* 2014 Feb;42(2):134-42. doi: 10.1002/dc.23010. Epub 2013 Jun 1. PubMed PMID: 23729350.

151: Grapsa D, Frangou-Plemenou M, Kondi-Pafiti A, Stergiou E, Nicolopoulou-Stamati P, Patsouris E, Chelidonis G, Athanassiadou P. "Immunocytochemical expression of P53, PTEN, FAS (CD95), P16INK4A and HPV L1 major capsid proteins in ThinPrep cervical samples with squamous intraepithelial lesions". *Diagn Cytopathol.* 2014 Jun;42(6):465-75. doi: 10.1002/dc.23003. Epub 2013 Jun 1. PubMed PMID: 23729286.

152: Trigka EA, Levidou G, Saetta AA, Chatziandreou I, Tomos P, Thalassinou N, Anastasiou N, Spartalis E, Kavantzias N, Patsouris E, Korkolopoulou P. A detailed immunohistochemical analysis of the PI3K/AKT/mTOR pathway in lung cancer: correlation with PIK3CA, AKT1, K-RAS or PTEN mutational status and clinicopathological features. *Oncol Rep.* 2013 Aug;30(2):623-36. doi: 10.3892/or.2013.2512. Epub 2013 May 31. PubMed PMID: 23728071.

153: Kolokytha P, Yiannou P, Keramopoulos D, Kolokythas A, Nonni A, Patsouris E, Pavlakis K. Claudin-3 and claudin-4: distinct prognostic significance in triple-negative and luminal breast cancer. *Appl Immunohistochem Mol Morphol.* 2014;22(2):125-31. doi: 10.1097/PAI.0b013e31828d9d62. PubMed PMID: 23702644.

154: Sachanas S, Levidou G, Angelopoulou MK, Moschogiannis M, Yiakoumis X, Kalpadakis C, Vassilakopoulos TP, Kontopidou F, Tsirkinidis P, Dimitrakopoulou A, Kokoris S, Dimitriadou E, Kyrtsonis MC, Panayiotidis P, Papadaki H, Patsouris E, Korkolopoulou P, Pangalis GA. Apoptotic and proliferative characteristics of proliferation centers in lymph node sections of patients with chronic lymphocytic leukemia. *Leuk Lymphoma.* 2014 Mar;55(3):571-82. doi: 10.3109/10428194.2013.806802. Epub 2013 Jun 24. PubMed PMID: 23697878.

155: Levidou G, Siakantaris M, Papadaki T, Papadavid E, Vassilakopoulos TP, Angelopoulou MK, Marinos L, Nikolaou V, Economidi A, Antoniou C, Patsouris E, Korkolopoulou P. A comprehensive immunohistochemical approach of AKT/mTOR pathway and p-STAT3 in mycosis fungoides. *J Am Acad Dermatol.* 2013 Sep;69(3):375-84. doi: 10.1016/j.jaad.2013.04.027. Epub 2013 May 16. PubMed PMID: 23685026.

156: Economopoulou P, Mountzios G, Kotsantis I, Bakogeorgos M, Ramfidis V, Kapiris I, Patsouris E, Kentepozidis N. Adrenal incidentalomas in cancer patients are not always "innocent": a case report and review of the literature. *Case Rep*

Med. 2013;2013:461409. doi: 10.1155/2013/461409. Epub 2013 Apr 10. PubMed PMID: 23662106; PubMed Central PMCID: PMC3639689.

157: Papetta A, Gakiopoulou H, Agapitos E, Patsouris ES, Lazaris AC. Correlations between CCN1 immunoexpression and myocardial histologic lesions in sudden cardiac death. *Am J Forensic Med Pathol.* 2013 Jun;34(2):169-76. doi: 10.1097/PAF.0b013e31828d69b5. PubMed PMID: 23629408.

158: Korkolopoulou P, Levidou G, El-Habr EA, Adamopoulos C, Fragkou P, Boviatsis E, Themistocleous MS, Petraki K, Vrettakos G, Sakalidou M, Samaras V, Zisakis A, Saetta A, Chatziandreu I, Patsouris E, Piperi C. Sox11 expression in astrocytic gliomas: correlation with nestin/c-Met/IDH1-R132H expression phenotypes, p-Stat-3 and survival. *Br J Cancer.* 2013 May 28;108(10):2142-52. doi: 10.1038/bjc.2013.176. Epub 2013 Apr 25. PubMed PMID: 23619925; PubMed Central PMCID: PMC3670505.

159: Georgakopoulos G, Tsiambas E, Korkolopoulos P, Kavantzas N, Karameris A, Ragkos V, Rigopoulos DN, Vilaras G, Athanasiou AE, Tatsiou D, Patsouris E. c-MYC and h-TERT co-expression in colon adenocarcinoma: a tissue microarray digitized image analysis. *J BUON.* 2013 Jan-Mar;18(1):124-30. Erratum in: *J BUON.* 2013 Oct-Dec;18(4):1105. Patsouris, E [removed]; Korkolopoulou, P [corrected to Korkolopoulos, P]. PubMed PMID: 23613397.

160: Kouvousi M, Xesfyngi D, Tsimplaki E, Argyri E, Ioannidou G, Ploxorou M, Lazaris AC, Patsouris E, Panotopoulou E. Prevalence of human papillomavirus in 45 greek patients with oral cancer. *J Oncol.* 2013;2013:756510. doi: 10.1155/2013/756510. Epub 2013 Feb 27. PubMed PMID: 23533409; PubMed Central PMCID: PMC3600178.

161: Tsioli PG, Patsouris ES, Giaginis C, Theocharis SE. DNA repair systems in rhabdomyosarcoma. *Histol Histopathol.* 2013 Aug;28(8):971-84. doi: 10.14670/HH-28.971. Epub 2013 Mar 21. Review. PubMed PMID: 23516236.

162: Syrios J, Kechagias G, Agrogiannis G, Xynos ID, Kavantzas N, Lazaris AC, Amptoulach S, Mourati A, Sougioultzis S, Patsouris ES, Tsavaris N. DNA ploidy: a prognostic factor of response to chemotherapy and survival in metastatic gastric adenocarcinoma. *Anticancer Res.* 2013 Mar;33(3):1209-14. Erratum in: *Anticancer Res.* 2013 Apr;33(4):1783. PubMed PMID: 23482804.

163: Pagida MA, Konstantinidou AE, Tsekoura E, Mangoura D, Patsouris E, Panayotacopoulou MT. Vulnerability of the mesencephalic dopaminergic neurons of the human neonate to prolonged perinatal hypoxia: an immunohistochemical study of tyrosine hydroxylase expression in autopsy material. *J Neuropathol Exp Neurol*. 2013 Apr;72(4):337-50. doi: 10.1097/NEN.0b013e31828b48b3. PubMed PMID: 23481708.

164: Lozos VA, Toumpoulis IK, Agrogiannis G, Giamarellos-Bourboulis EJ, Chamogeorgakis TP, Rizos IK, Patsouris ES, Anagnostopoulos CE, Rokkas CK. Aprikalim a potassium adenosine triphosphate channel opener reduces neurologic injury in a rabbit model of spinal cord ischemia. *Int J Surg*. 2013;11(4):354-9. doi: 10.1016/j.ijssu.2013.02.025. Epub 2013 Mar 5. PubMed PMID: 23473993.

165: Koutsounas I, Giaginis C, Patsouris E, Theocharis S. Current evidence for histone deacetylase inhibitors in pancreatic cancer. *World J Gastroenterol*. 2013 Feb 14;19(6):813-28. doi: 10.3748/wjg.v19.i6.813. Review. PubMed PMID: 23430136; PubMed Central PMCID: PMC3574878.

166: Koutsounas I, Patsouris E, Theocharis S. Pregnane X receptor and human malignancy. *Histol Histopathol*. 2013 Apr;28(4):405-20. doi: 10.14670/HH-28.405. Epub 2013 Feb 15. Review. PubMed PMID: 23413096.

167: Koutmani Y, Politis PK, Elkouris M, Agrogiannis G, Kemerli M, Patsouris E, Remboutsika E, Karalis KP. Corticotropin-releasing hormone exerts direct effects on neuronal progenitor cells: implications for neuroprotection. *Mol Psychiatry*. 2013 Mar;18(3):300-7. doi: 10.1038/mp.2012.198. Epub 2013 Feb 5. PubMed PMID: 23380766; PubMed Central PMCID: PMC3578949.

168: Gkegkes ID, Aroni K, Agrogiannis G, Patsouris ES, Konstantinidou AE. Expression of caspase-14 and keratin-19 in the human epidermis and appendages during fetal skin development. *Arch Dermatol Res*. 2013 Jul;305(5):379-87. doi: 10.1007/s00403-013-1319-8. Epub 2013 Feb 3. PubMed PMID: 23377137.

169: Tsoucalas G, Karamanou M, Skarpas G, Piagkou M, Skandalakis P, Patsouris E, Androutsos G. Joseph Gensoul's operation for sarcoma of the maxillary antrum, one century before Moore. *J BUON*. 2012 Oct-Dec;17(4):801-3. PubMed PMID: 23335550.

170: Panagiotou I, Tsiambas E, Lazaris AC, Kavantzias N, Konstantinou M, Kalkandi P, Ragkos V, Metaxas GE, Roukas DK, Vilaras G, Patsouris E. PTEN expression in

non small cell lung carcinoma based on digitized image analysis. *J BUON*. 2012 Oct-Dec;17(4):719-23. PubMed PMID: 23335531.

171: Zogopoulos P, Vasileiou I, Patsouris E, Theocharis S. The neuroprotective role of endocannabinoids against chemical-induced injury and other adverse effects. *J Appl Toxicol*. 2013 Apr;33(4):246-64. doi: 10.1002/jat.2828. Epub 2013 Jan 8. Review. PubMed PMID: 23296873.

172: Vasileiou I, Fotopoulou G, Matzourani M, Patsouris E, Theocharis S. Evidence for the involvement of cannabinoid receptors' polymorphisms in the pathophysiology of human diseases. *Expert Opin Ther Targets*. 2013 Apr;17(4):363-77. doi: 10.1517/14728222.2013.754426. Epub 2013 Jan 8. Review. PubMed PMID: 23293857.

173: Zogopoulos P, Vasileiou I, Patsouris E, Theocharis SE. The role of endocannabinoids in pain modulation. *Fundam Clin Pharmacol*. 2013 Feb;27(1):64-80. doi: 10.1111/fcp.12008. Epub 2013 Jan 2. Review. PubMed PMID: 23278562.

174: Levidou G, Thymara I, Saetta AA, Papanastasiou P, Pavlopoulos P, Sakellariou S, Fragkou P, Patsouris E, Korkolopoulou P. TRAIL and osteoprotegerin (OPG) expression in bladder urothelial carcinoma: correlation with clinicopathological parameters and prognosis. *Pathology*. 2013 Feb;45(2):138-44. doi: 10.1097/PAT.0b013e32835c9891. PubMed PMID: 23277172.

175: Koutsounas I, Theocharis S, Patsouris E, Giaginis C. Pregnane X receptor (PXR) at the crossroads of human metabolism and disease. *Curr Drug Metab*. 2013 Mar;14(3):341-50. Review. PubMed PMID: 23237007.

176: Evrenoglou L, Partsinevelou SA, Stamatis P, Lazaris A, Patsouris E, Kotampasi C, Nicolopoulou-Stamati P. Children exposure to trace levels of heavy metals at the north zone of Kifissos River. *Sci Total Environ*. 2013 Jan 15;443:650-61. doi: 10.1016/j.scitotenv.2012.11.041. Epub 2012 Dec 7. PubMed PMID: 23220757.

177: Korkolopoulou P, Levidou G, Trigka EA, Prekete N, Karlou M, Thymara I, Sakellariou S, Fragkou P, Isaiadis D, Pavlopoulos P, Patsouris E, Saetta AA. A comprehensive immunohistochemical and molecular approach to the PI3K/AKT/mTOR (phosphoinositide 3-kinase/v-akt murine thymoma viral oncogene/mammalian target of rapamycin) pathway in bladder urothelial carcinoma. *BJU Int*. 2012 Dec;110(11 Pt C):E1237-48. doi: 10.1111/j.1464-410X.2012.11569.x. Epub 2012 Oct 29. PubMed

PMID: 23107319.

178: Athanassiadou AM, Lazaris AC, Patsouris E, Tsipis A, Chelidonis G, Aroni K. Significance of cyclooxygenase 2, EZH-2 polycomb group and p53 expression in actinic keratosis and squamous cell carcinomas of the skin. *Am J Dermatopathol*. 2013 Jun;35(4):425-31. doi: 10.1097/DAD.0b013e318271292a. PubMed PMID: 23095338.

179: Tsiambas E, Karameris A, Lygeros M, Athanasiou AE, Salemis NS, Gourgiotis S, Ragkos V, Metaxas GE, Vilaras G, Patsouris E. Gene numerical imbalances in cytological specimens based on fluorescence/chromogenic in situ hybridization analysis. *J BUON*. 2012 Jul-Sep;17(3):593-9. PubMed PMID: 23033306.

180: Karamitopoulou E, Zlobec I, Kölzer V, Kondi-Pafiti A, Patsouris ES, Gennatas K, Lugli A. Proposal for a 10-high-power-fields scoring method for the assessment of tumor budding in colorectal cancer. *Mod Pathol*. 2013 Feb;26(2):295-301. doi: 10.1038/modpathol.2012.155. Epub 2012 Sep 28. PubMed PMID: 23018875.

181: Katafygiotis P, Giaginis C, Patsouris E, Theocharis S. Histone deacetylase inhibitors as potential therapeutic agents for the treatment of malignant mesothelioma. *Anticancer Agents Med Chem*. 2013 Mar;13(3):476-82. Review. PubMed PMID: 22931420.

182: Tzanetakou IP, Doulamis IP, Korou LM, Agrogiannis G, Vlachos IS, Pantopoulou A, Mikhailidis DP, Patsouris E, Vlachos I, Perrea DN. Water Soluble Vitamin E Administration in Wistar Rats with Non-alcoholic Fatty Liver Disease. *Open Cardiovasc Med J*. 2012;6:88-97. doi: 10.2174/1874192401206010088. Epub 2012 Aug 10. PubMed PMID: 22930662; PubMed Central PMCID: PMC3428633.

183: Syrios J, Sougioultzis S, Xynos ID, Kavantzas N, Kosmas C, Agrogiannis G, Griniatsos J, Karavokyros I, Pikoulis E, Patsouris ES, Tsavaris N. Survival in patients with stage IV noncardia gastric cancer - the influence of DNA ploidy and *Helicobacter pylori* infection. *BMC Cancer*. 2012 Jun 21;12:264. doi: 10.1186/1471-2407-12-264. PubMed PMID: 22892134; PubMed Central PMCID: PMC3434083.

184: Vasileiou I, Patsouras D, Patsouris E, Theocharis S. Ghrelin and toxicity: recent findings and future challenges. *J Appl Toxicol*. 2013 Apr;33(4):238-45. doi: 10.1002/jat.2803. Epub 2012 Aug 10. Review. PubMed PMID: 22887052.

185: Pepelassi E, Xynogala I, Perrea D, Agrogiannis G, Pantopoulou A, Patsouris E, Vrotsos I. Histometric assessment of the effect of diabetes mellitus on experimentally induced periodontitis in rats. *J Int Acad Periodontol.* 2012 Apr;14(2):35-41. PubMed PMID: 22799127.

186: Vourtsis SA, Papalois AE, Agrogiannis GD, Spyriounis PK, Patsouris E, Ionac M. Improvement of a long random skin flap survival by application of vascular endothelial growth factor in various ways of local administration in a rat model. *Indian J Plast Surg.* 2012 Jan;45(1):102-8. doi: 10.4103/0970-0358.96596. PubMed PMID: 22754163; PubMed Central PMCID: PMC3385372.

187: Alafuzoff I, Gelpi E, Al-Sarraj S, Arzberger T, Attems J, Bodi I, Bogdanovic N, Budka H, Bugiani O, Englund E, Ferrer I, Gentleman S, Giaccone G, Graeber MB, Hortobagyi T, Höftberger R, Ironside JW, Jellinger K, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Parchi P, Patsouris E, Roggendorf W, Rozemuller A, Seilhean D, Streichenberger N, Thal DR, Wharton SB, Kretzschmar H. The need to unify neuropathological assessments of vascular alterations in the ageing brain: multicentre survey by the BrainNet Europe consortium. *Exp Gerontol.* 2012 Nov;47(11):825-33. doi: 10.1016/j.exger.2012.06.001. Epub 2012 Jun 15. PubMed PMID: 22705312.

188: Korkolopoulou P, Levidou G, El-Habr EA, Piperi C, Adamopoulos C, Samaras V, Boviatsis E, Thymara I, Trigka EA, Sakellariou S, Kavantzias N, Patsouris E, Saetta AA. Phosphorylated 4E-binding protein 1 (p-4E-BP1): a novel prognostic marker in human astrocytomas. *Histopathology.* 2012 Aug;61(2):293-305. doi: 10.1111/j.1365-2559.2012.04236.x. Epub 2012 Jun 13. PubMed PMID: 22690797.

189: Tasioudi KE, Saetta AA, Sakellariou S, Levidou G, Michalopoulos NV, Theodorou D, Patsouris E, Korkolopoulou P. pERK activation in esophageal carcinomas: clinicopathological associations. *Pathol Res Pract.* 2012 Jul 15;208(7):398-404. doi: 10.1016/j.prp.2012.05.009. Epub 2012 Jun 2. PubMed PMID: 22658382.

190: Levidou G, Ventouri K, Nonni A, Gakiopoulou H, Bamias A, Sotiropoulou M, Papaspirou I, Dimopoulos MA, Patsouris E, Korkolopoulou P. Replication protein A in nonearly ovarian adenocarcinomas: correlation with MCM-2, MCM-5, Ki-67 index and prognostic significance. *Int J Gynecol Pathol.* 2012 Jul;31(4):319-27. doi: 10.1097/PGP.0b013e31823ef92e. PubMed PMID: 22653344.

191: Toutouzas K, Grassos C, Drakopoulou M, Synetos A, Tsiamis E, Aggeli C,

Stathogiannis K, Klettas D, Kavantzias N, Agrogiannis G, Patsouris E, Klonaris C, Liasis N, Tousoulis D, Siores E, Stefanadis C. First in vivo application of microwave radiometry in human carotids: a new noninvasive method for detection of local inflammatory activation. *J Am Coll Cardiol*. 2012 May 1;59(18):1645-53. doi: 10.1016/j.jacc.2012.01.033. PubMed PMID: 22538335.

192: Theocharis S, Klijanienko J, Giaginis C, Alexandrou P, Patsouris E, Sastre-Garau X. FAK and Src expression in mobile tongue squamous cell carcinoma: associations with clinicopathological parameters and patients survival. *J Cancer Res Clin Oncol*. 2012 Aug;138(8):1369-77. doi: 10.1007/s00432-012-1215-1. Epub 2012 Apr 10. PubMed PMID: 22488171.

193: Levidou G, Saetta AA, Gigelou F, Karlou M, Papanastasiou P, Stamatelli A, Kavantzias N, Michalopoulos NV, Agrogiannis G, Patsouris E, Korkolopoulou P. ERK/pERK expression and B-raf mutations in colon adenocarcinomas: correlation with clinicopathological characteristics. *World J Surg Oncol*. 2012 Feb 29;10:47. doi: 10.1186/1477-7819-10-47. PubMed PMID: 22376079; PubMed Central PMCID: PMC3320554.

194: Xynogala I, Pepelassi E, Perrea D, Agrogiannis G, Pantopoulou A, Patsouris E, Vrotsos I. Adiponectin and interleukin-6 levels in insulin-treated diabetic rats with experimental periodontitis. *Braz Oral Res*. 2012 Jan-Feb;26(1):71-6. PubMed PMID: 22344341.

195: Polyzois I, Nikolopoulos D, Michos I, Patsouris E, Theocharis S. Local and systemic toxicity of nanoscale debris particles in total hip arthroplasty. *J Appl Toxicol*. 2012 Apr;32(4):255-69. doi: 10.1002/jat.2729. Epub 2012 Feb 10. Review. PubMed PMID: 22328167.

196: Dimou M, Angelopoulou MK, Pangalis GA, Georgiou G, Kalpadakis C, Pappi V, Tsopra O, Koutsoukos K, Zografos E, Boutsikas G, Moschogianni M, Vardounioti I, Petevi K, Karali V, Kanellopoulos A, Ntalageorgos T, Yiakoumis X, Bartzis V, Bitsani A, Pessach E, Efthimiou A, Korkolopoulou P, Rassidakis G, Kyrtsionis MC, Patsouris E, Meletis J, Panayiotidis P, Vassilakopoulos TP. Autoimmune hemolytic anemia and autoimmune thrombocytopenia at diagnosis and during follow-up of Hodgkin lymphoma. *Leuk Lymphoma*. 2012 Aug;53(8):1481-7. doi: 10.3109/10428194.2012.660628. Epub 2012 Apr 2. PubMed PMID: 22280533.

197: Stefanadis C, Toutouzas K, Synetos A, Tsioufis C, Karanasos A, Agrogiannis G, Stefanis L, Patsouris E, Tousoulis D. Chemical denervation of the renal artery by vincristine in swine. A new catheter based technique. *Int J Cardiol*. 2013 Jul 31;167(2):421-5. doi: 10.1016/j.ijcard.2012.01.002. Epub 2012 Jan 21. PubMed PMID: 22265584.

198: Korkolopoulou P, Levidou G, El-Habr EA, Adamopoulos C, Samaras V, Zisakis A, Kavantzias N, Boviatsis E, Fragkou P, Papavassiliou AG, Patsouris E, Piperi C. Expression of interleukin-8 receptor CXCR2 and suppressor of cytokine signaling-3 in astrocytic tumors. *Mol Med*. 2012 May 9;18:379-88. doi: 10.2119/molmed.2011.00449. PubMed PMID: 22231733; PubMed Central PMCID: PMC3356432.

199: Liakou P, Tepetes K, Germentis A, Leventaki V, Atsaves V, Patsouris E, Roidis N, Hatzitheophilou K, Rassidakis GZ. Expression patterns of endothelin-1 and its receptors in colorectal cancer. *J Surg Oncol*. 2012 Jun 1;105(7):643-9. doi: 10.1002/jso.23017. Epub 2011 Dec 27. PubMed PMID: 22213082.

200: Panagiotou I, Georgiannos SN, Tsiambas E, Karameris A, Konstantinou M, Lazaris AC, Kavantzias N, Vilaras G, Patsouris E. Impact of HER2 and PTEN simultaneous deregulation in non-small cell lung carcinoma: correlation with biological behavior. *Asian Pac J Cancer Prev*. 2012;13(12):6311-8. PubMed PMID: 23464451.

201: Hartmann S, Agostinelli C, Klapper W, Korkolopoulou P, Koch K, Marafioti T, Piccaluga PP, Patsouris E, Pileri S, Hansmann ML. Revising the historical collection of epithelioid cell-rich lymphomas of the Kiel Lymph Node Registry: what is Lennert's lymphoma nowadays? *Histopathology*. 2011 Dec;59(6):1173-82. doi: 10.1111/j.1365-2559.2011.04069.x. PubMed PMID: 22175897.

202: Tserga A, Michalopoulos NV, Levidou G, Korkolopoulou P, Zografos G, Patsouris E, Saetta AA. Association of aberrant DNA methylation with clinicopathological features in breast cancer. *Oncol Rep*. 2012 May;27(5):1630-8. doi: 10.3892/or.2011.1576. Epub 2011 Dec 5. PubMed PMID: 22159596.

203: Papagiorgis PC, Zizi AE, Tseleni S, Oikonomakis IN, Sofras L, Patsouris E, Nikiteas NI. Disparate clinicopathological correlations of p53 and Bcl-2 in colorectal cancer. *Mol Med Rep*. 2012 Feb;5(2):377-82. doi: 10.3892/mmr.2011.687. Epub 2011 Nov 23. PubMed PMID: 22143931.

204: Kouvaraki MA, Liakou C, Paraschi A, Dimas K, Patsouris E, Tseleni-Balafouta S, Rassidakis GZ, Moraitis D. Activation of mTOR signaling in medullary and aggressive papillary thyroid carcinomas. *Surgery*. 2011 Dec;150(6):1258-65. doi: 10.1016/j.surg.2011.09.022. PubMed PMID: 22136849.

205: Papas MG, Karatzas PS, Papanikolaou IS, Karamitopoulou E, Delicha EM, Adler A, Triantafyllou K, Thomopoulou GH, Patsouris E, Lazaris AC. LFA-1 expression in a series of colorectal adenocarcinomas. *J Gastrointest Cancer*. 2012 Sep;43(3):462-6. doi: 10.1007/s12029-011-9341-6. PubMed PMID: 22083532.

206: Avraam K, Pavlakis K, Papadimitriou C, Vrekoussis T, Panoskaltsis T, Messini I, Patsouris E. The prognostic and predictive value of ERCC-1, p53, bcl-2 and bax in epithelial ovarian cancer. *Eur J Gynaecol Oncol*. 2011;32(5):516-20. PubMed PMID: 22053665.

207: Agostinelli C, Hartmann S, Klapper W, Korkolopoulou P, Righi S, Marafioti T, Piccaluga PP, Patsouris E, Hansmann ML, Lennert K, Pileri SA. Peripheral T cell lymphomas with follicular T helper phenotype: a new basket or a distinct entity? Revising Karl Lennert's personal archive. *Histopathology*. 2011 Oct;59(4):679-91. doi: 10.1111/j.1365-2559.2011.03981.x. PubMed PMID: 22014049.

208: Marnerides A, Vassilakopoulos TP, Boltetsou E, Levidou G, Angelopoulou MK, Thymara I, Kyrtonis MC, Pappi V, Tsopra O, Panayiotidis P, Pangalis GA, Beris P, Patsouris E, Korkolopoulou P. Immunohistochemical expression and prognostic significance of CCND3, MCM2 and MCM7 in Hodgkin lymphoma. *Anticancer Res*. 2011 Oct;31(10):3585-94. PubMed PMID: 21965782.

209: Kosmas K, Stamoulas M, Marouga A, Kavantzias N, Patsouris E, Athanassiadou P. Expression of Ki-67 as proliferation biomarker in imprint smears of endometrial carcinoma. *Diagn Cytopathol*. 2013 Mar;41(3):212-7. doi: 10.1002/dc.21825. Epub 2011 Sep 30. PubMed PMID: 21965052.

210: Foukas PG, Kefala M, Papageorgiou S, Tsirigotis P, Panayiotidis P, Korkolopoulou P, Spathis A, Dervenoulas J, Patsouris E, Karakitsos P, Panayiotides IG. CD20 expression in angioimmunoblastic T cell lymphoma. *Leuk Lymphoma*. 2012 Feb;53(2):345-7. doi: 10.3109/10428194.2011.602768. Epub 2011 Nov 15. PubMed PMID: 21919822.

211: Zografou A, Tsigris C, Papadopoulos O, Kavantzias N, Patsouris E, Donta I, Perrea D. Improvement of skin-graft survival after autologous transplantation of adipose-derived stem cells in rats. *J Plast Reconstr Aesthet Surg*. 2011 Dec;64(12):1647-56. doi: 10.1016/j.bjps.2011.07.009. Epub 2011 Aug 11. PubMed PMID: 21839697.

- 212: Dimo B, Ioannidis I, Karameris A, Vilaras G, Tzoumakari P, Nonni A, Patsouris E, Lazaris AC. Comparative study of the immunohistochemical expression of tissue inhibitors of metalloproteinases 1 and 2 between clearly invasive carcinomas and "in situ" trophoblast invasion. *Med Oncol*. 2012 Sep;29(3):2270-5. doi: 10.1007/s12032-011-0032-8. Epub 2011 Jul 24. PubMed PMID: 21786179.
- 213: Piperi C, Samaras V, Levidou G, Kavantzas N, Boviatsis E, Petraki K, Grivas A, Barbatis C, Varsos V, Patsouris E, Korkolopoulou P. Prognostic significance of IL-8-STAT-3 pathway in astrocytomas: correlation with IL-6, VEGF and microvessel morphometry. *Cytokine*. 2011 Sep;55(3):387-95. doi: 10.1016/j.cyto.2011.05.012. PubMed PMID: 21684758.
- 214: Papagiorgis PC, Zizi AE, Tseleni S, Oikonomakis IN, Sofras L, Elemenoglou IS, Patsouris E, Nikiteas NI. Site impact on colorectal cancer biological behavior in terms of clinicopathological and molecular features. *J BUON*. 2011 Jan-Mar;16(1):84-92. PubMed PMID: 21674855.
- 215: Lugli A, Vlajnic T, Giger O, Karamitopoulou E, Patsouris ES, Peros G, Terracciano LM, Zlobec I. Intratumoral budding as a potential parameter of tumor progression in mismatch repair-proficient and mismatch repair-deficient colorectal cancer patients. *Hum Pathol*. 2011 Dec;42(12):1833-40. doi: 10.1016/j.humpath.2011.02.010. Epub 2011 Jun 12. PubMed PMID: 21664647.
- 216: Karamitopoulou E, Zlobec I, Panayiotides I, Patsouris ES, Peros G, Rallis G, Lapas C, Karakitsos P, Terracciano LM, Lugli A. Systematic analysis of proteins from different signaling pathways in the tumor center and the invasive front of colorectal cancer. *Hum Pathol*. 2011 Dec;42(12):1888-96. doi: 10.1016/j.humpath.2010.06.020. Epub 2011 Jun 12. PubMed PMID: 21664646.
- 217: Sinapis CI, Routsias JG, Sinapis AI, Sinapis DI, Agrogiannis GD, Pantopoulou A, Theocharis SE, Baltatzis S, Patsouris E, Perrea D. Pharmacokinetics of intravitreal bevacizumab (Avastin®) in rabbits. *Clin Ophthalmol*. 2011;5:697-704. doi: 10.2147/OPHTH.S19555. Epub 2011 May 24. PubMed PMID: 21629577; PubMed Central PMCID: PMC3104800.
- 218: Gonidi M, Athanassiadou AM, Patsouris E, Tsipis A, Dimopoulos S, Kyriakidou V, Chelidonis G, Athanassiadou P. Mitochondrial UCP4 and bcl-2 expression in imprints of breast carcinomas: relationship with DNA ploidy and classical prognostic factors. *Pathol Res Pract*. 2011 Jun 15;207(6):377-82. doi: 10.1016/j.prp.2011.03.007. Epub 2011 May 31. PubMed PMID: 21621926.
- 219: Panousis D, Patsouris E, Lagoudianakis E, Pappas A, Kyriakidou V, Voulgaris

Z, Xepapadakis G, Manouras A, Athanassiadou AM, Athanassiadou P. The value of TOP2A, EZH2 and paxillin expression as markers of aggressive breast cancer: relationship with other prognostic factors. *Eur J Gynaecol Oncol*. 2011;32(2):156-9. PubMed PMID: 21614903.

220: Margaritis EV, Yanni AE, Agrogiannis G, Liarakos N, Pantopoulou A, Vlachos I, Papachristodoulou A, Korkolopoulou P, Patsouris E, Kostakis M, Perrea DN, Kostakis A. Effects of oral administration of (L)-arginine, (L)-NAME and allopurinol on intestinal ischemia/reperfusion injury in rats. *Life Sci*. 2011 Jun 6;88(23-24):1070-6. doi: 10.1016/j.lfs.2011.04.009. Epub 2011 Apr 30. PubMed PMID: 21565201.

221: Athanassiadou AM, Patsouris E, Tsiplis A, Gonidi M, Athanassiadou P. The significance of Survivin and Nectin-4 expression in the prognosis of breast carcinoma. *Folia Histochem Cytobiol*. 2011;49(1):26-33. PubMed PMID: 21526486.

222: Kanakis D, Levidou G, Gakiopoulou H, Eftichiadis C, Thymara I, Fragkou P, Trigka EA, Boviatsis E, Patsouris E, Korkolopoulou P. Replication protein A: a reliable biologic marker of prognostic and therapeutic value in human astrocytic tumors. *Hum Pathol*. 2011 Oct;42(10):1545-53. doi: 10.1016/j.humpath.2010.12.018. Epub 2011 Apr 14. PubMed PMID: 21496876.

223: Saetta AA, Levidou G, El-Habr EA, Panayotidis I, Samaras V, Thymara I, Sakellariou S, Boviatsis E, Patsouris E, Korkolopoulou P. Expression of pERK and pAKT in human astrocytomas: correlation with IDH1-R132H presence, vascular endothelial growth factor, microvascular characteristics and clinical outcome. *Virchows Arch*. 2011 Jun;458(6):749-59. doi: 10.1007/s00428-011-1074-1. Epub 2011 Apr 15. PubMed PMID: 21494763.

224: Kapetanakis T, Siempos II, Metaxas EI, Kopterides P, Agrogiannis G, Patsouris E, Lazaris AC, Stravodimos KG, Roussos C, Armaganidis A. Metabolic acidosis may be as protective as hypercapnic acidosis in an ex-vivo model of severe ventilator-induced lung injury: a pilot study. *BMC Anesthesiol*. 2011 Apr 13;11:8. doi: 10.1186/1471-2253-11-8. PubMed PMID: 21486492; PubMed Central PMCID: PMC3087686.

225: Grapsa D, Ioakim-Liossi A, Stergiou E, Petrakakou E, Nicolopoulou-Stamati P, Patsouris E, Athanassiadou P. Additional slides from residual ThinPrep Pap tests: Of potential diagnostic benefit in equivocal cases? *Diagn Cytopathol*. 2012 Oct;40(10):856-60. doi: 10.1002/dc.21642. Epub 2011 Apr 11. PubMed PMID: 21485025.

226: Kyrtsionis MC, Levidou G, Korkolopoulou P, Koulieris E, Bartzi V, Maltezas D, Pangalis GA, Kalpadakis C, Dimou M, Georgiou G, Vassilakopoulos TP, Angelopoulou MK, Salpeas V, Tsaftaridis P, Patsouris E, Panayiotidis P, Tzenou TK. CD138 expression helps distinguishing Waldenström's macroglobulinemia (WM) from splenic marginal zone lymphoma (SMZL). *Clin Lymphoma Myeloma Leuk*. 2011 Feb;11(1):99-102. doi: 10.3816/CLML.2011.n.019. PubMed PMID: 21454203.

227: Giaccone G, Arzberger T, Alafuzoff I, Al-Sarraj S, Budka H, Duyckaerts C, Falkai P, Ferrer I, Ironside JW, Kovács GG, Meyronet D, Parchi P, Patsouris E, Revesz T, Riederer P, Rozemuller A, Schmitt A, Winblad B, Kretschmar H; BrainNet Europe consortium. New lexicon and criteria for the diagnosis of Alzheimer's disease. *Lancet Neurol*. 2011 Apr;10(4):298-9; author reply 300-1. doi: 10.1016/S1474-4422(11)70055-2. PubMed PMID: 21435593.

228: Grapsa D, Ioakim-Liossi A, Stergiou E, Petrakakou E, Nicolopoulou-Stamati P, Patsouris E, Athanassiadou P. Repeat processing of residual ThinPrep Pap tests: sampling of the vial may not be invariably homogeneous. *Acta Cytol*. 2011;55(2):213-7. doi: 10.1159/000320912. Epub 2011 Feb 15. PubMed PMID: 21325810.

229: Athanassiadou AM, Tsipis A, Patsouris E, Gonidi M, Nicolopoulou-Stamati P, Chelidonis G, Athanassiadou P. Enhancer of zeste homologue 2 expression in breast carcinoma smears in relationship with p53, Ki-67 and other prognostic parameters. *Acta Cytol*. 2011;55(2):180-6. doi: 10.1159/000320790. Epub 2011 Feb 15. PubMed PMID: 21325804.

230: Stamatelli A, Saetta AA, Bei T, Kavantzias N, Michalopoulos NV, Patsouris E, Aroni K. B-Raf mutations, microsatellite instability and p53 protein expression in sporadic basal cell carcinomas. *Pathol Oncol Res*. 2011 Sep;17(3):633-7. doi: 10.1007/s12253-011-9363-1. Epub 2011 Jan 28. PubMed PMID: 21274671.

231: Toutouzas K, Grassos H, Synetos A, Drakopoulou M, Tsiamis E, Moldovan C, Agrogiannis G, Patsouris E, Siores E, Stefanadis C. A new non-invasive method for detection of local inflammation in atherosclerotic plaques: experimental application of microwave radiometry. *Atherosclerosis*. 2011 Mar;215(1):82-9. doi: 10.1016/j.atherosclerosis.2010.12.019. Epub 2010 Dec 23. PubMed PMID: 21256490.

232: Karamitopoulou E, Zlobec I, Patsouris E, Peros G, Lugli A. Loss of E-cadherin independently predicts the lymph node status in colorectal cancer.

Pathology. 2011 Feb;43(2):133-7. doi: 10.1097/PAT.0b013e3283425b7f. PubMed PMID: 21233674.

233: Kavoura E, Gakiopoulou H, Paraskevakou H, Marinaki S, Agrogiannis G, Stofas A, Boletis I, Patsouris E, Lazaris AC. Immunohistochemical evaluation of podocalyxin expression in glomerulopathies associated with nephrotic syndrome. *Hum Pathol*. 2011 Feb;42(2):227-35. doi: 10.1016/j.humpath.2010.05.028. Epub 2010 Nov 24. PubMed PMID: 21106221.

234: Polo SE, Theocharis SE, Grandin L, Gambotti L, Antoni G, Savignoni A, Asselain B, Patsouris E, Almouzni G. Clinical significance and prognostic value of chromatin assembly factor-1 overexpression in human solid tumours. *Histopathology*. 2010 Nov;57(5):716-24. doi: 10.1111/j.1365-2559.2010.03681.x. PubMed PMID: 21083601.

235: Chen W, Drakos E, Grammatikakis I, Schlette EJ, Li J, Leventaki V, Staikou-Drakopoulou E, Patsouris E, Panayiotidis P, Medeiros LJ, Rassidakis GZ. mTOR signaling is activated by FLT3 kinase and promotes survival of FLT3-mutated acute myeloid leukemia cells. *Mol Cancer*. 2010 Nov 10;9:292. doi: 10.1186/1476-4598-9-292. PubMed PMID: 21067588; PubMed Central PMCID: PMC2993677.

236: Levidou G, Gakiopoulou H, Kavantzas N, Saetta AA, Karlou M, Pavlopoulos P, Thymara I, Diamantopoulou K, Patsouris E, Korkolopoulou P. Prognostic significance of replication protein A (RPA) expression levels in bladder urothelial carcinoma. *BJU Int*. 2011 Jul;108(2 Pt 2):E59-65. doi: 10.1111/j.1464-410X.2010.09828.x. Epub 2010 Nov 9. PubMed PMID: 21062395.

237: Balkamou X, Xanthos T, Stroumpoulis K, Moutzouris DA, Rokas G, Agrogiannis G, Demestihia T, Patsouris E, Papadimitriou L. Hydroxyethyl starch 6% (130/0.4) ameliorates acute lung injury in swine hemorrhagic shock. *Anesthesiology*. 2010 Nov;113(5):1092-8. doi: 10.1097/ALN.0b013e3181f56029. PubMed PMID: 20930613.

238: Levidou G, Korkolopoulou P, Agrogiannis G, Paidakakos N, Bouramas D, Patsouris E. Low-grade oligodendroglioma of the pineal gland: a case report and review of the literature. *Diagn Pathol*. 2010 Sep 17;5:59. doi: 10.1186/1746-1596-5-59. Review. PubMed PMID: 20849631; PubMed Central PMCID: PMC2949720.

- 239: Ganou V, Pagida MA, Konstantinidou AE, Malidelis YI, Kontostavlaki DP, Tsekoura E, Patsouris E, Panayotacopoulou MT. Increased expression of tyrosine hydroxylase in the supraoptic nucleus of the human neonate under hypoxic conditions: a potential neuropathological marker for prolonged perinatal hypoxia. *J Neuropathol Exp Neurol*. 2010 Oct;69(10):1008-16. doi: 10.1097/NEN.0b013e3181f12ca2. PubMed PMID: 20838244.
- 240: Karamitopoulou E, Lugli A, Panayiotides I, Karakitsos P, Peros G, Rallis G, Patsouris ES, Terracciano L, Zlobec I. Systematic assessment of protein phenotypes characterizing high-grade tumour budding in mismatch repair-proficient colorectal cancer. *Histopathology*. 2010 Aug;57(2):233-43. doi: 10.1111/j.1365-2559.2010.03615.x. PubMed PMID: 20716165.
- 241: Sconocchia G, Zlobec I, Lugli A, Calabrese D, Iezzi G, Karamitopoulou E, Patsouris ES, Peros G, Horcic M, Tornillo L, Zuber M, Droeser R, Muraro MG, Mengus C, Oertli D, Ferrone S, Terracciano L, Spagnoli GC. Tumor infiltration by FcγRIII (CD16)+ myeloid cells is associated with improved survival in patients with colorectal carcinoma. *Int J Cancer*. 2011 Jun 1;128(11):2663-72. doi: 10.1002/ijc.25609. Epub 2010 Oct 13. PubMed PMID: 20715106; PubMed Central PMCID: PMC3426287.
- 242: Chelidonis G, Kavantzias N, Patsouris E, Pagaki E, Athanasiadou AM, Agrogiannis G, Athanasiadou P. DNA ploidy, E-cadherin, beta-catenin expression and their clinicopathologic significance in imprints of non-small cell lung cancer. *Anal Quant Cytol Histol*. 2009 Oct;31(5):332-9. PubMed PMID: 20701101.
- 243: Zagouri F, Sergeantanis T, Nonni A, Papadimitriou C, Pazaiti A, Michalopoulos NV, Safioleas P, Lazaris A, Theodoropoulos G, Patsouris E, Zografos G. Decreased Hsp90 expression in infiltrative lobular carcinoma: an immunohistochemical study. *BMC Cancer*. 2010 Aug 6;10:409. doi: 10.1186/1471-2407-10-409. PubMed PMID: 20691061; PubMed Central PMCID: PMC2925828.
- 244: Marinou KA, Georgopoulou K, Agrogiannis G, Karatzas T, Iliopoulos D, Papalois A, Chatziioannou A, Magiatis P, Halabalaki M, Tsantila N, Skaltsounis LA, Patsouris E, Dontas IA. Differential effect of *Pistacia vera* extracts on experimental atherosclerosis in the rabbit animal model: an experimental study. *Lipids Health Dis*. 2010 Jul 16;9:73. doi: 10.1186/1476-511X-9-73. PubMed PMID: 20633299; PubMed Central PMCID: PMC2917426.
- 245: Gakiopoulou H, Litsiou E, Valaris K, Balafoutas D, Patsouris E, Tseleni-Balafouta S. Possible association of CEA expression with oxyphilic change but not with C-cell hyperplasia in Hashimoto's thyroiditis. *Endocr J*. 2010;57(8):693-9. Epub 2010 Jul 3. PubMed PMID: 20616436.

246: Zagouri F, Sergentanis TN, Nonni A, Papadimitriou CA, Michalopoulos NV, Domeyer P, Theodoropoulos G, Lazaris A, Patsouris E, Zogafos E, Pazaiti A, Zografos GC. Hsp90 in the continuum of breast ductal carcinogenesis: Evaluation in precursors, preinvasive and ductal carcinoma lesions. *BMC Cancer*. 2010 Jul 5;10:353. doi: 10.1186/1471-2407-10-353. PubMed PMID: 20602789; PubMed Central PMCID: PMC2912866.

247: Tsiplis A, Athanassiadou AM, Athanassiadou P, Kavantzias N, Agrogiannis G, Patsouris E. Apoptosis-related factors p53, bcl-2 and the defects of force transmission in dilated cardiomyopathy. *Pathol Res Pract*. 2010 Sep 15;206(9):625-30. doi: 10.1016/j.prp.2010.05.007. Epub 2010 Jun 29. PubMed PMID: 20591580.

248: Karamitopoulou E, Zlobec I, Koumariou A, Patsouris ES, Peros G, Lugli A. Expression of p16 in lymph node metastases of adjuvantly treated stage III colorectal cancer patients identifies poor prognostic subgroups: a retrospective analysis of biomarkers in matched primary tumor and lymph node metastases. *Cancer*. 2010 Oct 1;116(19):4474-86. doi: 10.1002/cncr.25304. PubMed PMID: 20572035.

249: El-Habr EA, Tsiourva P, Theodorou M, Levidou G, Korkolopoulou P, Vretakos G, Petraki L, Michalopoulos NV, Patsouris E, Saetta AA. Analysis of PIK3CA and B-RAF gene mutations in human astrocytomas: association with activation of ERK and AKT. *Clin Neuropathol*. 2010 Jul-Aug;29(4):239-45. PubMed PMID: 20569675.

250: Zlobec I, Minoi P, Karamitopoulou E, Peros G, Patsouris ES, Lehmann F, Lugli A. Role of tumor size in the pre-operative management of rectal cancer patients. *BMC Gastroenterol*. 2010 Jun 15;10:61. doi: 10.1186/1471-230X-10-61. PubMed PMID: 20550703; PubMed Central PMCID: PMC2900221.

251: Pagaki E, Patsouris E, Gonidi M, Athanassiadou AM, Maurikakis M, Athanassiades P, Chelidonis G, Athanassiadou P. The value of E-cadherin/beta-catenin expression in imprints of NCSLC: relationship with clinicopathological factors. *Diagn Cytopathol*. 2010 Jun;38(6):419-24. doi: 10.1002/dc.21188. PubMed PMID: 20474081.

252: Levidou G, El-Habr E, Saetta AA, Bamias C, Katsouyanni K, Patsouris E,

Korkolopoulou P. P53 immunoexpression as a prognostic marker for human astrocytomas: a meta-analysis and review of the literature. *J Neurooncol.* 2010 Dec;100(3):363-71. doi: 10.1007/s11060-010-0204-y. Epub 2010 May 12. Review. Erratum in: *J Neurooncol.* 2010 Dec;100(3):373. Katsougiannis, Klea [corrected to Katsouyanni, Klea]. PubMed PMID: 20461443.

253: Tsiambas E, Georgiannos SN, Salemis N, Alexopoulou D, Lambropoulou S, Dimo B, Ioannidis I, Kravvaritis C, Karameris A, Patsouris E, Dourakis S. Significance of estrogen receptor 1 (ESR-1) gene imbalances in colon and hepatocellular carcinomas based on tissue microarrays analysis. *Med Oncol.* 2011 Dec;28(4):934-40. doi: 10.1007/s12032-010-9554-8. Epub 2010 May 11. PubMed PMID: 20458558.

254: Gakiopoulou H, Korkolopoulou P, Paraskevovou H, Marinaki S, Voulgarelis M, Stofas A, Lelouda M, Lazaris AC, Boletis J, Patsouris E. Membranoproliferative glomerulonephritis in the setting of multicentric angiofollicular lymph node hyperplasia (Castleman's disease) complicated by Evan's syndrome. *J Clin Pathol.* 2010 Jun;63(6):552-4. doi: 10.1136/jcp.2009.071415. Epub 2010 May 3. PubMed PMID: 20439324.

255: Rigopoulos DN, Tsiambas E, Lazaris AC, Kavantzias N, Papazachariou I, Kravvaritis C, Tsounis D, Koliopoulou A, Athanasiou AE, Karameris A, Manaios L, Sergentanis TN, Patsouris E. Deregulation of EGFR/VEGF/HIF-1a signaling pathway in colon adenocarcinoma based on tissue microarrays analysis. *J BUON.* 2010 Jan-Mar;15(1):107-15. PubMed PMID: 20414936.

256: Tsiambas E, Kravvaritis C, Tsounis D, Salemis NS, Niotis A, Niotis TH, Rigopoulos DN, Karameris A, Athanasiou AE, Patsouris E, Karakitsos P. Correlation between different p53 expression patterns and chromosome 17 imbalances in pancreatic ductal adenocarcinoma based on tissue microarray analysis. *J BUON.* 2010 Jan-Mar;15(1):94-100. PubMed PMID: 20414934.

257: Bantis A, Patsouris E, Gonidi M, Kavantzias N, Tsipis A, Athanassiadou AM, Aggelonidou E, Athanassiadou P. Telomerase RNA expression and DNA ploidy as prognostic markers of prostate carcinomas. *Tumori.* 2009 Nov-Dec;95(6):744-52. PubMed PMID: 20210240.

258: Aroni K, Voudouris S, Ioannidis E, Grapsa A, Kavantzias N, Patsouris E. Increased angiogenesis and mast cells in the centre compared to the periphery of vitiligo lesions. *Arch Dermatol Res.* 2010 Oct;302(8):601-7. doi: 10.1007/s00403-010-1040-9. Epub 2010 Mar 5. PubMed PMID: 20204655.

259: Sozopoulos E, Litsiou H, Voutsinas G, Mitsiades N, Anagnostakis N, Tseva T, Patsouris E, Tseleni-Balafouta S. Mutational and immunohistochemical study of the PI3K/Akt pathway in papillary thyroid carcinoma in Greece. *Endocr Pathol.* 2010 Jun;21(2):90-100. doi: 10.1007/s12022-010-9112-0. PubMed PMID: 20186503.

260: Kanakis DN, Lazaris AC, Papadopoulos EC, Kallitsis EA, Patsouris ES, Paraskevakou HA. Piriformis syndrome--an attempt to understand its pathology. *Clin Neuropathol.* 2010 Mar-Apr;29(2):65-70. PubMed PMID: 20175954.

261: Levidou G, Saetta AA, Karlou M, Thymara I, Pratsinis H, Pavlopoulos P, Isaiadis D, Diamantopoulou K, Patsouris E, Korkolopoulou P. D-type cyclins in superficial and muscle-invasive bladder urothelial carcinoma: correlation with clinicopathological data and prognostic significance. *J Cancer Res Clin Oncol.* 2010 Oct;136(10):1563-71. doi: 10.1007/s00432-010-0814-y. Epub 2010 Feb 20. PubMed PMID: 20174823.

262: Marantidou F, Dagklis A, Stalika E, Korkolopoulou P, Saetta A, Anagnostopoulos A, Laoutaris N, Stamatopoulos K, Belessi C, Scouras Z, Patsouris E. Activation-induced cytidine deaminase splicing patterns in chronic lymphocytic leukemia. *Blood Cells Mol Dis.* 2010 Apr 15;44(4):262-7. doi: 10.1016/j.bcmd.2009.12.005. Epub 2010 Feb 8. Erratum in: *Blood Cells Mol Dis.* 2010 Aug 15;45(2):180. Korkolopoulou, Panagiota [corrected to Korkolopoulou, Penelope]. PubMed PMID: 20117026.

263: Chalastras T, Athanassiadou P, Patsouris E, Eleftheriadou A, Kandiloros D, Papaxoinis K, Nicolopoulou-Stamati P. Differential rates of proliferation and apoptosis in nasal polyps correspond to alterations in DNA spatial distribution and nuclear polarization as observed by confocal microscopy. *Eur Arch Otorhinolaryngol.* 2010 Jul;267(7):1075-80. doi: 10.1007/s00405-009-1179-1. Epub 2009 Dec 29. PubMed PMID: 20039176.

264: Lyras DN, Kazakos K, Verettas D, Polychronidis A, Tryfonidis M, Botaitis S, Agrogiannis G, Simopoulos C, Kokka A, Patsouris E. The influence of platelet-rich plasma on angiogenesis during the early phase of tendon healing. *Foot Ankle Int.* 2009 Nov;30(11):1101-6. doi: 10.3113/FAI.2009.1101. PubMed PMID: 19912722.

265: Zografos GC, Sergeantanis TN, Zagouri F, Papadimitriou CA, Domeyer P, Kontogianni PN, Nonni A, Tsigris C, Patsouris E. Breast self-examination and adherence to mammographic follow-up: an intriguing diptych after benign breast biopsy. *Eur J Cancer Prev.* 2010 Jan;19(1):71-2. doi: 10.1097/CEJ.0b013e32832926e8. PubMed PMID: 19901842.

- 266: Ioannidis I, Dimo B, Karameris A, Vilaras G, Gakiopoulou H, Patsouris E, Lazaris AC. Comparative study of the immunohistochemical expression of metalloproteinases 2, 7 and 9 between clearly invasive carcinomas and "in situ" trophoblast invasion. *Neoplasma*. 2010;57(1):20-8. PubMed PMID: 19895168.
- 267: Skagias L, Politi E, Karameris A, Sambaziotis D, Archondakis A, Ntinis A, Moreas I, Vasou O, Koutselini H, Patsouris E. Survivin expression as a strong indicator of recurrence in urothelial bladder cancer. Predictive value of nuclear versus cytoplasmic staining. *Anticancer Res*. 2009 Oct;29(10):4163-7. PubMed PMID: 19846967.
- 268: Zagouri F, Sergentanis TN, Nonni A, Papadimitriou CA, Michalopoulos NV, Giannakopoulou G, Bletsas G, Patsouris E, Zografos GC. Comparison of molecular markers expression in vacuum-assisted biopsies and surgical specimens of human breast carcinomas. *Pathol Res Pract*. 2010 Jan 15;206(1):30-3. doi: 10.1016/j.prp.2009.08.002. PubMed PMID: 19836148.
- 269: Manouras A, Genetzakis M, Lagoudianakis EE, Markogiannakis H, Papadima A, Agrogiannis G, Gakiopoulou H, Kekis P, Filis K, Patsouris E. Undifferentiated giant cell type carcinoma of the gallbladder with sarcomatoid dedifferentiation: a case report and review of the literature. *J Med Case Rep*. 2009 Mar 18;3:6496. doi: 10.1186/1752-1947-3-6496. PubMed PMID: 19830109; PubMed Central PMCID: PMC2726484.
- 270: Skagias L, Politi E, Karameris A, Sambaziotis D, Archondakis A, Vasou O, Ntinis A, Michalopoulou F, Moreas I, Koutselini H, Patsouris E. Prognostic impact of HER2/neu protein in urothelial bladder cancer. Survival analysis of 80 cases and an overview of almost 20 years' research. *J BUON*. 2009 Jul-Sep;14(3):457-62. PubMed PMID: 19810139.
- 271: Tsiambas E, Rigopoulos DN, Kravvaritis C, Lazaris AC, Kavantzias N, Niotis A, Niotis TH, Tsounis D, Karameris A, Patsouris E. Chromogenic in situ hybridization analysis of EGFR gene copies in colon adenocarcinoma based on intra-operative imprints and tissue microarrays. *J Gastrointest Liver Dis*. 2009 Sep;18(3):293-8. PubMed PMID: 19795022.
- 272: Konstantinidou AE, Fryssira H, Sifakis S, Karadimas C, Kaminopetros P, Agrogiannis G, Velonis S, Nikkels PG, Patsouris E. Cranioectodermal dysplasia: a probable ciliopathy. *Am J Med Genet A*. 2009 Oct;149A(10):2206-11. doi: 10.1002/ajmg.a.33013. PubMed PMID: 19760621.

273: Tsinti M, Kassi E, Korkolopoulou P, Kapsogeorgou E, Moutsatsou P, Patsouris E, Manoussakis MN. Functional estrogen receptors alpha and beta are expressed in normal human salivary gland epithelium and apparently mediate immunomodulatory effects. *Eur J Oral Sci.* 2009 Oct;117(5):498-505. doi: 10.1111/j.1600-0722.2009.00659.x. PubMed PMID: 19758244.

274: Spyridonidou S, Yapijakis C, Nkenke E, Toyoshima T, Vylliotis A, Serefoglou Z, Neukam FW, Patsouris E, Vairaktaris E. A common 9 bp deletion in the ataxia-telangiectasia-mutated gene is not associated with oral cancer. *Anticancer Res.* 2009 Aug;29(8):3191-3. PubMed PMID: 19661334.

275: Tsavaris N, Kavantzias N, Tsigritis K, Xynos ID, Papadoniou N, Lazaris A, Kosmas C, Agrogiannis G, Dokou A, Felekouras E, Antoniou E, Polyzos A, Sarantonis J, Tsipras H, Karatzas G, Papalambros A, Patsouris ES. Evaluation of DNA ploidy in relation with established prognostic factors in patients with locally advanced (unresectable) or metastatic pancreatic adenocarcinoma: a retrospective analysis. *BMC Cancer.* 2009 Jul 31;9:264. doi: 10.1186/1471-2407-9-264. PubMed PMID: 19646258; PubMed Central PMCID: PMC2734865.

276: Konstantinidou AE, Agrogiannis G, Sifakis S, Karantanias A, Harakoglou V, Kaminopetros P, Hatzaki A, Petersen MB, Karadimas C, Velissariou V, Velonis S, Papantoniou N, Antsaklis A, Patsouris E. Genetic skeletal disorders of the fetus and infant: pathologic and molecular findings in a series of 41 cases. *Birth Defects Res A Clin Mol Teratol.* 2009 Oct;85(10):811-21. doi: 10.1002/bdra.20617. PubMed PMID: 19637253.

277: Manolakou P, Angelopoulou R, Bakoyiannis C, Psathas E, Bastounis E, Kavantzias N, Patsouris E. Cellular proliferation in complicated versus uncomplicated atherosclerotic lesions: total cell population, foam cells and newly formed microvessels. *Tissue Cell.* 2009 Dec;41(6):408-13. doi: 10.1016/j.tice.2009.05.003. Epub 2009 Jul 23. PubMed PMID: 19631356.

278: Yapijakis C, Serefoglou Z, Vylliotis A, Nkenke E, Derka S, Vassiliou S, Avgoustidis D, Neukam FW, Patsouris E, Vairaktaris E. Association of polymorphisms in Tumor Necrosis Factor Alpha and Beta genes with increased risk for oral cancer. *Anticancer Res.* 2009 Jun;29(6):2379-86. PubMed PMID: 19528505.

279: Mastoraki A, Ioannidis E, Patsouris E, Safioleas M, Aroni K. PGP 9.5 expression in cutaneous keratoacanthomas and squamous cell carcinomas. *Arch Dermatol Res.* 2009 Oct;301(9):653-8. doi: 10.1007/s00403-009-0962-6. Epub 2009 Jun 2. PubMed PMID: 19488775.

280: Konstantinidou AE, Kaminopetros P, Sifakis S, Fokaefs T, Gougoudi E, Prezerakou M, Kikidi K, Patsouris E, Nicolaides KH. Intrauterine laser photocoagulation for congenital lung malformations: late histopathological effects of a novel therapeutic intervention. *Histopathology*. 2009 Jun;54(7):904-7. doi: 10.1111/j.1365-2559.2009.03306.x. Epub 2009 May 11. PubMed PMID: 19469907.

281: Mastoraki A, Ioannidis E, Apostolaki A, Patsouris E, Aroni K. PGP 9.5 and cyclin D1 coexpression in cutaneous squamous cell carcinomas. *Int J Surg Pathol*. 2009 Dec;17(6):413-20. doi: 10.1177/1066896909336018. Epub 2009 May 14. PubMed PMID: 19443866.

282: Zografos GC, Zagouri F, Sergentanis TN, Oikonomou V, Fotou M, Nonni A, Patsouris E. Ductal endoscopy of the breast: more painful at the luteal phase? *Pain Pract*. 2009 May-Jun;9(3):221-4. PubMed PMID: 19408364.

283: Karlou M, Saetta AA, Korkolopoulou P, Levidou G, Papanastasiou P, Boltetsou E, Isaiadis D, Pavlopoulos P, Thymara I, Thomas-Tsagli E, Patsouris E. Activation of extracellular regulated kinases (ERK1/2) predicts poor prognosis in urothelial bladder carcinoma and is not associated with B-Raf gene mutations. *Pathology*. 2009;41(4):327-34. doi: 10.1080/00313020902885011. PubMed PMID: 19404844.

284: Papaxoinis K, Patsouris E, Athanassiadou P, Nicolopoulou-Stamati P. Contribution of nuclear morphometry by confocal laser scanning microscopy to the diagnosis of malignant bile duct strictures. *Acta Cytol*. 2009 Mar-Apr;53(2):137-43. PubMed PMID: 19365964.

285: Alafuzoff I, Ince PG, Arzberger T, Al-Sarraj S, Bell J, Bodi I, Bogdanovic N, Bugiani O, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Ironside JW, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Parchi P, Parkkinen L, Patsouris E, Roggendorf W, Rozemuller A, Stadelmann-Nessler C, Streichenberger N, Thal DR, Kretschmar H. Staging/typing of Lewy body related alpha-synuclein pathology: a study of the BrainNet Europe Consortium. *Acta Neuropathol*. 2009 Jun;117(6):635-52. doi: 10.1007/s00401-009-0523-2. Epub 2009 Mar 28. PubMed PMID: 19330340.

286: Giaslakitiotis K, Androulaki A, Panagoulas G, Kyrtsonis MC, Lazaris AC, Kanakis DN, Patsouris ES. T cell lymphoblastic lymphoma in parotidectomy for Warthin's tumor: case report and review of the literature. *Int J Hematol*. 2009 Apr;89(3):359-364. doi: 10.1007/s12185-009-0271-z. Epub 2009 Mar 18. Review. PubMed PMID: 19294485.

287: Vairaktaris E, Goutzani L, Yapijakis C, Vassiliou S, Spyridonidou S, Vylliotis A, Nkenke E, Lazaris AC, Strantzias P, Patsouris E. Diabetes enhances the expression of H-ras and suppresses the expression of EGFR leading to increased cell proliferation. *Histol Histopathol.* 2009 May;24(5):531-9. doi: 10.14670/HH-24.531. PubMed PMID: 19283661.

288: Athanassiadou P, Grapsa D, Gonidi M, Athanassiadou AM, Tsipis A, Patsouris E. CD24 expression has a prognostic impact in breast carcinoma. *Pathol Res Pract.* 2009;205(8):524-33. doi: 10.1016/j.prp.2009.01.008. Epub 2009 Feb 24. PubMed PMID: 19243896.

289: Douzinas EE, Orfanos SE, Livaditi O, Augustatou K, Villiotou V, Kavantzias N, Flevari A, Korkolopoulou P, Roussos C, Patsouris E. Hypoxemic resuscitation prevents pulmonary capillary endothelial dysfunction induced by normoxemic resuscitation from hemorrhagic shock. *Crit Care Med.* 2009 Mar;37(3):869-75. doi: 10.1097/CCM.0b013e31819b81ec. PubMed PMID: 19237890.

290: Lyras D, Kazakos K, Verettas D, Polychronidis A, Simopoulos C, Botaitis S, Agrogiannis G, Kokka A, Patsouris E. Immunohistochemical study of angiogenesis after local administration of platelet-rich plasma in a patellar tendon defect. *Int Orthop.* 2010 Feb;34(1):143-8. doi: 10.1007/s00264-009-0728-y. Epub 2009 Feb 11. PubMed PMID: 19205700; PubMed Central PMCID: PMC2899263.

291: Siakantaris MP, Pangalis GA, Dimitriadou E, Kontopidou FN, Vassilakopoulos TP, Kalpadakis C, Sachanas S, Yiakoumis X, Korkolopoulou P, Kyrtsonis MC, Bobotsis P, Androutaki A, Patsouris E, Panayiotidis P, Angelopoulou MK. Early-stage gastric MALT lymphoma: is it a truly localized disease? *Oncologist.* 2009 Feb;14(2):148-54. doi: 10.1634/theoncologist.2008-0178. Epub 2009 Feb 9. PubMed PMID: 19204322.

292: Alafuzoff I, Thal DR, Arzberger T, Bogdanovic N, Al-Sarraj S, Bodi I, Boluda S, Bugiani O, Duyckaerts C, Gelpi E, Gentleman S, Giaccone G, Graeber M, Hortobagyi T, Höftberger R, Ince P, Ironside JW, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Nilsson T, Parchi P, Patsouris E, Pikkarainen M, Revesz T, Rozemuller A, Seilhean D, Schulz-Schaeffer W, Streichenberger N, Wharton SB, Kretschmar H. Assessment of beta-amyloid deposits in human brain: a study of the BrainNet Europe Consortium. *Acta Neuropathol.* 2009 Mar;117(3):309-20. doi: 10.1007/s00401-009-0485-4. Epub 2009 Feb 1. PubMed PMID: 19184666; PubMed Central PMCID: PMC2910889.

293: Stravodimos KG, Koritsiadis G, Lazaris AC, Agrogiannis G, Koutalellis G, Constantinides C, Patsouris E, Kapetanakis T, Zervas A. Hydronephrosis promotes

expression of hypoxia-inducible factor 1 alpha. *Urol Int.* 2009;82(1):38-42. doi: 10.1159/000176023. Epub 2009 Jan 20. PubMed PMID: 19172095.

294: Manaios L, Tsiambas E, Alevizaki M, Karameris A, Alexopoulou D, Lambropoulou S, Moreas H, Kravvaritis C, Fotiades PP, Goula K, Patsouris E, Athanassiou AE, Koutras D, Katsilambros N. Comparative topoisomerase IIa and ki 67 protein expression in papillary thyroid carcinoma based on tissue microarrays and image analysis. *J BUON.* 2008 Oct-Dec;13(4):537-41. PubMed PMID: 19145676.

295: Tsiambas E, Manaios L, Papanikolopoulos C, Rigopoulos DN, Tsounis D, Karameris A, Soultati A, Koliopoulou A, Kravvaritis C, Sergeantanis T, Patsouris E, Dourakis S. Chromogenic in situ hybridization analysis of Epidermal Growth Factor Receptor gene/chromosome 7 numerical aberrations in hepatocellular carcinoma based on tissue microarrays. *Pathol Oncol Res.* 2009 Sep;15(3):511-20. doi: 10.1007/s12253-008-9146-5. PubMed PMID: 19145479.

296: Tsavaris N, Lazaris A, Kosmas C, Gouveris P, Kavantzias N, Kopterides P, Papathomas T, Agrogiannis G, Zorzos H, Kyriakou V, Patsouris E. Topoisomerase I and IIalpha protein expression in primary colorectal cancer and recurrences following 5-fluorouracil-based adjuvant chemotherapy. *Cancer Chemother Pharmacol.* 2009 Jul;64(2):391-8. doi: 10.1007/s00280-008-0886-4. Epub 2008 Dec 16. Erratum in: *Cancer Chemother Pharmacol.* 2009 Jul;64(2):399. Arapogiannis, George [corrected to Agrogiannis, George]; Patsouris, Efstathios [corrected to Patsouris, Efstratios]. PubMed PMID: 19083133; PubMed Central PMCID: PMC2688619.

297: Goutzanis LP, Papadogeorgakis N, Pavlopoulos PM, Petsinis V, Plochoras I, Eleftheriadis E, Pantelidaki A, Patsouris E, Alexandridis C. Vascular fractal dimension and total vascular area in the study of oral cancer. *Head Neck.* 2009 Mar;31(3):298-307. doi: 10.1002/hed.20959. PubMed PMID: 19073004.

298: Zografos GC, Zagouri F, Sergeantanis TN, Nonni A, Michalopoulos NV, Kontogianni P, Koulocheri D, Dimitriadis IE, Bramis J, Patsouris E. Diagnosing papillary lesions using vacuum-assisted breast biopsy: should conservative or surgical management follow? *Onkologie.* 2008 Dec;31(12):653-6. doi: 10.1159/000165053. Epub 2008 Nov 20. PubMed PMID: 19060502.

299: Kalpadakis C, Pangalis GA, Vassilakopoulos TP, Kyrtsionis MC, Siakantaris MP, Kontopidou FN, Korkolopoulou P, Bobotsis P, Sahanas S, Tzenou T, Anagnostou D, Dimitriadou E, Yiakoumis X, Patsouris E, Roussou P, Panayiotidis P, Papadaki E,

Angelopoulou MK. Non-gastric extra-nodal marginal zone lymphomas--a single centre

experience on 76 patients. *Leuk Lymphoma*. 2008 Dec;49(12):2308-15. doi: 10.1080/10428190802510331. PubMed PMID: 19052978.

300: Zografos GC, Zagouri F, Sergeantanis TN, Oikonomou V, Fotou M, Patsouris E. Fine-needle aspiration breast biopsy: analysis of pain. *Diagn Cytopathol*. 2009 Jan;37(1):74-5. doi: 10.1002/dc.20925. PubMed PMID: 18973132.

301: Zagouri F, Nonni A, Sergeantanis TN, Papadimitriou CA, Michalopoulos NV, Lazaris AC, Patsouris E, Zografos GC. Heat shock protein90 in lobular neoplasia of the breast. *BMC Cancer*. 2008 Oct 28;8:312. doi: 10.1186/1471-2407-8-312. PubMed PMID: 18957107; PubMed Central PMCID: PMC2588461.

302: Aroni K, Grapsa A, Lazaris AC, Kavantzias N, Kordosis T, Patsouris ES. Tissue estimation of protein gene product 9.5 (PGP 9.5) expression and apoptosis in vitiligo. *Int J Dermatol*. 2008 Sep;47(9):911-7. doi: 10.1111/j.1365-4632.2008.03723.x. PubMed PMID: 18937653.

303: Yapijakis C, Kechagiadakis M, Nkenke E, Serefoglou Z, Avgoustidis D, Vylliotis A, Perrea D, Neukam FW, Patsouris E, Vairaktaris E. Association of leptin -2548G/A and leptin receptor Q223R polymorphisms with increased risk for oral cancer. *J Cancer Res Clin Oncol*. 2009 Apr;135(4):603-12. doi: 10.1007/s00432-008-0494-z. Epub 2008 Oct 15. PubMed PMID: 18855010.

304: Vairaktaris E, Papakosta V, Derka S, Vassiliou S, Nkenke E, Spyridonidou S, Vylliotis A, Lazaris A, Kokkori A, Moulavassili P, Loukeri S, Perrea D, Donta I, Yapijakis C, Patsouris E. H-ras and c-fos exhibit similar expression patterns during most stages of oral oncogenesis. *In Vivo*. 2008 Sep-Oct;22(5):621-8. PubMed PMID: 18853758.

305: Kastritis E, Murray S, Kyriakou F, Horti M, Tamvakis N, Kavantzias N, Patsouris ES, Noni A, Legaki S, Dimopoulos MA, Bamias A. Somatic mutations of adenomatous polyposis coli gene and nuclear b-catenin accumulation have prognostic significance in invasive urothelial carcinomas: evidence for Wnt pathway implication. *Int J Cancer*. 2009 Jan 1;124(1):103-8. doi: 10.1002/ijc.23917. PubMed PMID: 18844223.

306: Faratzis G, Tsiambas E, Rapidis AD, Machaira A, Xiromeritis K, Patsouris E. VEGF and ki 67 expression in squamous cell carcinoma of the tongue: An immunohistochemical and computerized image analysis study. *Oral Oncol*. 2009 Jul;45(7):584-8. doi: 10.1016/j.oraloncology.2008.08.002. Epub 2008 Sep 18. PubMed PMID: 18804402.

307: Chatzipantelis P, Lazaris AC, Kafiri G, Nonni A, Papadimitriou K, Xiromeritis K, Patsouris ES. CD56 as a useful marker in the regenerative process of the histological progression of primary biliary cirrhosis. *Eur J Gastroenterol Hepatol.* 2008 Sep;20(9):837-42. doi: 10.1097/MEG.0b013e3282fdf66f. PubMed PMID: 18794596.

308: Toli K, Paraskevas KI, Poulakou MV, Agrogiannis G, Kavantzias N, Xanthopoulos V, Iliopoulos DG, Mantas I, Papachristodoulou A, Patsouris E, Mikhailidis DP, Perrea DN. Association between plasma levels and immunolocalization of cytokines in heart valve lesions: a possible target for treatment? *Expert Opin Ther Targets.* 2008 Oct;12(10):1209-15. doi: 10.1517/14728222.12.10.1209 . PubMed PMID: 18781820.

309: Zografos GC, Zagouri F, Sergentanis TN, Oikonomou V, Nonni A, Patsouris E. Convergence between breast flat epithelial atypia and atypical ductal hyperplasia: validity and limitations. *Hum Pathol.* 2008 Nov;39(11):1713; author reply 1713-4. doi: 10.1016/j.humpath.2008.07.007. Epub 2008 Aug 29. PubMed PMID: 18760823.

310: Bamias A, Kyriakou F, Chorti M, Kavantzias N, Noni A, Kyroudi-Voulgari A, Rontoyianni D, Kastritis E, Xiros N, Patsouris ES, Murray S, Tamvakis N, Dimopoulos MA. Microvessel density (MVD) and cyclooxygenase-2 (COX-2)/beta-catenin interaction are associated with relapse in patients with transitional carcinoma receiving adjuvant chemotherapy with paclitaxel/carboplatin: a hellenic cooperative oncology group (HECOG) study. *Anticancer Res.* 2008 Jul-Aug;28(4C):2479-86. PubMed PMID: 18751438.

311: Rallis G, Mourouzis C, Papakosta V, Donta I, Perrea D, Patsouris E, Vairaktaris E. Metastases following biopsy of oral carcinoma in hamsters and the role of local prebiopsy bleomycin. *Anticancer Res.* 2008 Jul-Aug;28(4B):2253-7. PubMed PMID: 18751403.

312: Kantsos H, Papadopoulos S, Perrea D, Xanthos T, Vlachos I, Pantopoulou A, Agrogiannis G, Condilis N, Lazaris A, Patsouris E, Bramis J. Effects of nimodipine administration on small bowel mucosa under conditions of laparotomy and consequent 48-hour starvation in a rat model. *Ann Ital Chir.* 2008 Mar-Apr;79(2):143-9. PubMed PMID: 18727279.

313: Toutouzas K, Drakopoulou M, Synetos A, Tsiamis E, Agrogiannis G, Kavantzias N, Patsouris E, Iliopoulos D, Theodoropoulos S, Yacoub M, Stefanadis C. In vivo aortic valve thermal heterogeneity in patients with nonrheumatic aortic valve stenosis the: first in vivo experience in humans. *J Am Coll Cardiol*. 2008 Aug 26;52(9):758-63. doi: 10.1016/j.jacc.2008.04.057. PubMed PMID: 18718425.

314: Diamantis T, Gialikaris S, Kontos M, Gakiopoulou C, Felekouras E, Papalois A, Agrogiannis G, Patsouris E, Bastounis E. Comparison of safety and efficacy of ultrasonic and bipolar thermal energy: an experimental study. *Surg Laparosc Endosc Percutan Tech*. 2008 Aug;18(4):384-90. doi: 10.1097/SLE.0b013e31816f85c9. PubMed PMID: 18716539.

315: Syridou G, Spanakis N, Konstantinidou A, Piperaki ET, Kafetzis D, Patsouris E, Antsaklis A, Tsakris A. Detection of cytomegalovirus, parvovirus B19 and herpes simplex viruses in cases of intrauterine fetal death: association with pathological findings. *J Med Virol*. 2008 Oct;80(10):1776-82. doi: 10.1002/jmv.21293. PubMed PMID: 18712818.

316: Vairaktaris E, Serefoglou Z, Avgoustidis D, Yapijakis C, Critselis E, Vylliotis A, Spyridonidou S, Derka S, Vassiliou S, Nkenke E, Patsouris E. Gene polymorphisms related to angiogenesis, inflammation and thrombosis that influence risk for oral cancer. *Oral Oncol*. 2009 Mar;45(3):247-53. doi: 10.1016/j.oraloncology.2008.05.003. Epub 2008 Jul 31. PubMed PMID: 18674955.

317: Zografos GC, Zagouri F, Sergeantanis TN, Koulocheri D, Nonni A, Patsouris E. Diagnosis of papillary lesions in breast biopsy: is conservative management justified? *Am J Surg*. 2009 Apr;197(4):550. doi: 10.1016/j.amjsurg.2007.12.055. Epub 2008 Jul 17. PubMed PMID: 18639227.

318: Vairaktaris E, Yapijakis C, Vylliotis A, Derka S, Vassiliou S, Nkenke E, Serefoglou Z, Ragos V, Critselis E, Avgoustidis D, Neukam F, Patsouris E. Angiotensinogen polymorphism is associated with risk for malignancy but not for oral cancer. *Anticancer Res*. 2008 May-Jun;28(3A):1675-9. PubMed PMID: 18630525.

319: Andressakis D, Lazaris AC, Tsiambas E, Kavantzias N, Rapidis A, Patsouris E. Evaluation of caspase-3 and caspase-8 deregulation in tongue squamous cell carcinoma, based on immunohistochemistry and computerised image analysis. *J Laryngol Otol*. 2008 Nov;122(11):1213-8. doi: 10.1017/S0022215108002636. Epub 2008 May 23. PubMed PMID: 18501034.

- 320: Konstantinidou A, Sifakis S, Koukoura O, Mantas N, Agrogiannis G, Patsouris E. Pancreatic aplasia in a fetus with asplenia-cardiovascular defect-heterotaxy (Ivemark syndrome). *Birth Defects Res A Clin Mol Teratol*. 2008 Aug;82(8):601-4. doi: 10.1002/bdra.20467. PubMed PMID: 18496831.
- 321: Korkolopoulou P, Levidou G, Saetta AA, El-Habr E, Eftichiadis C, Demenagas P, Thymara I, Xiromeritis K, Boviatsis E, Thomas-Tsagli E, Panayotidis I, Patsouris E. Expression of nuclear factor-kappaB in human astrocytomas: relation to pI kappa Ba, vascular endothelial growth factor, Cox-2, microvascular characteristics, and survival. *Hum Pathol*. 2008 Aug;39(8):1143-52. doi: 10.1016/j.humpath.2008.01.020. Epub 2008 May 20. PubMed PMID: 18495209.
- 322: Zografos G, Zagouri F, Sergeantanis T, Nonni A, Koulocheri D, Patsouris E. Lesions of "uncertain malignant potential" diagnosed by vacuum-assisted breast biopsy: an unclear management? *Ann Surg Oncol*. 2008 Jul;15(7):2053-4; author reply 2055-6. doi: 10.1245/s10434-008-9834-0. Epub 2008 Apr 19. PubMed PMID: 18425555.
- 323: Vairaktaris E, Yapijakis C, Serefoglou Z, Derka S, Vassiliou S, Nkenke E, Vylliotis A, Spyridonidou S, Neukam FW, Schlegel KA, Patsouris E. The interleukin-10 (-1082A/G) polymorphism is strongly associated with increased risk for oral squamous cell carcinoma. *Anticancer Res*. 2008 Jan-Feb;28(1A):309-14. PubMed PMID: 18383862.
- 324: Vairaktaris E, Vylliotis A, Spyridonidou S, Derka S, Vassiliou S, Nkenke E, Yapijakis C, Serefoglou Z, Neukam FW, Patsouris E. A DNA polymorphism of stromal-derived factor-1 is associated with advanced stages of oral cancer. *Anticancer Res*. 2008 Jan-Feb;28(1A):271-5. PubMed PMID: 18383856.
- 325: Konstantinidou A, Karadimas C, Waterham HR, Superti-Furga A, Kaminopetros P, Grigoriadou M, Kokotas H, Agrogiannis G, Giannoulia-Karantana A, Patsouris E, Petersen MB. Pathologic, radiographic and molecular findings in three fetuses diagnosed with HEM/Greenberg skeletal dysplasia. *Prenat Diagn*. 2008 Apr;28(4):309-12. doi: 10.1002/pd.1976. PubMed PMID: 18382993.
- 326: Alafuzoff I, Arzberger T, Al-Sarraj S, Bodi I, Bogdanovic N, Braak H, Bugiani O, Del-Tredici K, Ferrer I, Gelpi E, Giaccone G, Graeber MB, Ince P, Kamphorst W, King A, Korkolopoulou P, Kovács GG, Larionov S, Meyronet D, Monoranu C, Parchi P, Patsouris E, Roggendorf W, Seilhean D, Tagliavini F, Stadelmann C, Streichenberger N, Thal DR, Wharton SB, Kretschmar H. Staging of neurofibrillary pathology in Alzheimer's disease: a study of the BrainNet Europe Consortium. *Brain Pathol*. 2008 Oct;18(4):484-96. doi: 10.1111/j.1750-3639.2008.00147.x. Epub

2008 Mar 26. PubMed PMID: 18371174; PubMed Central PMCID: PMC2659377.

327: Zografos GC, Zagouri F, Sergentanis TN, Lymperopoulos N, Drikos A, Patsouris

E. Predictors of pain during open breast biopsy under local anesthesia: is there such a thing? *Pain Pract.* 2008 Mar-Apr;8(2):151. doi: 10.1111/j.1533-2500.2008.00183.x. PubMed PMID: 18366472.

328: Bell JE, Alafuzoff I, Al-Sarraj S, Arzberger T, Bogdanovic N, Budka H, Dexter DT, Falkai P, Ferrer I, Gelpi E, Gentleman SM, Giaccone G, Huitinga I, Ironside JW, Klioueva N, Kovacs GG, Meyronet D, Palkovits M, Parchi P, Patsouris E, Reynolds R, Riederer P, Roggendorf W, Seilhean D, Schmitt A, Schmitz P, Streichenberger N, Schwalber A, Kretschmar H. Management of a twenty-first century brain bank: experience in the BrainNet Europe consortium. *Acta Neuropathol.* 2008 May;115(5):497-507. doi: 10.1007/s00401-008-0360-8. Epub 2008

Mar 26. Review. PubMed PMID: 18365220.

329: Doussis-Anagnostopoulou IA, Vassilakopoulos TP, Thymara I, Korkolopoulou P,

Angelopoulou MK, Siakantaris MP, Kokoris SI, Dimitriadou EM, Kalpadakis C, Matzouranis M, Kaklamanis L, Panayiotidis P, Kyrtsonis MC, Androulaki A, Patsouris E, Kittas C, Pangalis GA. Topoisomerase IIalpha expression as an independent prognostic factor in Hodgkin's lymphoma. *Clin Cancer Res.* 2008 Mar 15;14(6):1759-66. doi: 10.1158/1078-0432.CCR-07-1395. PubMed PMID: 18347177.

330: Alafuzoff I, Pikkarainen M, Arzberger T, Thal DR, Al-Sarraj S, Bell J, Bodi I, Budka H, Capetillo-Zarate E, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Kavantzias N, King A, Korkolopoulou P, Kovács GG, Meyronet D, Monoranu C, Parchi

P, Patsouris E, Roggendorf W, Stadelmann C, Streichenberger N, Tagliavini F, Kretschmar H. Inter-laboratory comparison of neuropathological assessments of beta-amyloid protein: a study of the BrainNet Europe consortium. *Acta Neuropathol.* 2008 May;115(5):533-46. doi: 10.1007/s00401-008-0358-2. Epub 2008 Mar 15. PubMed PMID: 18343933.

331: Philippakis GE, Lazaris AC, Papatheomas TG, Zissis C, Agrogiannis G, Thomopoulou G, Nonni A, Xiromeritis K, Nikolopoulou-Stamati P, Bramis J, Patsouris E, Perrea D, Bellenis I. Adrenaline attenuates the acute lung injury after intratracheal lipopolysaccharide instillation: an experimental study. *Inhal Toxicol.* 2008 Feb;20(4):445-53. doi: 10.1080/08958370801903891 . PubMed PMID: 18302052.

332: Konstantinidou AE, Anninos H, Dertinger S, Nonni A, Petersen M, Karadimas C, Havaki S, Marinos E, Akman HO, DiMauro S, Patsouris E. Placental involvement in glycogen storage disease type IV. *Placenta*. 2008 Apr;29(4):378-81. doi: 10.1016/j.placenta.2008.01.005. Epub 2008 Mar 4. PubMed PMID: 18289670.

333: Chalastras T, Nicolopoulou-Stamati P, Patsouris E, Eleftheriadou A, Kandiloros D, Yiotakis I, Gonidi M, Athanassiadou P. Expression of substance P, vasoactive intestinal peptide and heat shock protein 70 in nasal mucosal smears of patients with allergic rhinitis: investigation using a liquid-based method. *J Laryngol Otol*. 2008 Jul;122(7):700-6. doi: 10.1017/S0022215107001454. Epub 2008 Feb 19. PubMed PMID: 18282334.

334: Zografos GC, Zagouri F, Sergentanis TN, Nonni A, Lymperopoulos N, Patsouris E. What parameters affect pain in core biopsy? *Eur Radiol*. 2008 Jun;18(6):1144-5. doi: 10.1007/s00330-008-0879-z. Epub 2008 Feb 16. PubMed PMID: 18278503; PubMed Central PMCID: PMC2373861.

335: Vairaktaris E, Yapijakis C, Serefoglou Z, Avgoustidis D, Critselis E, Spyridonidou S, Vylliotis A, Derka S, Vassiliou S, Nkenke E, Patsouris E. Gene expression polymorphisms of interleukins-1 beta, -4, -6, -8, -10, and tumor necrosis factors-alpha, -beta: regression analysis of their effect upon oral squamous cell carcinoma. *J Cancer Res Clin Oncol*. 2008 Aug;134(8):821-32. doi: 10.1007/s00432-008-0360-z. Epub 2008 Feb 14. PubMed PMID: 18273643.

336: Levidou G, Korkolopoulou P, Papetta A, Patsouris E, Agapitos E. Leptomeningeal melanoma of unknown primary site: two cases with an atypical presentation of acute meningitis. *Clin Neuropathol*. 2007 Nov-Dec;26(6):299-305. Review. PubMed PMID: 18232597.

337: Vairaktaris E, Spyridonidou S, Goutzanis L, Vylliotis A, Lazaris A, Donta I, Perrea D, Yapijakis C, Patsouris E. Diabetes and oral oncogenesis. *Anticancer Res*. 2007 Nov-Dec;27(6B):4185-93. Review. PubMed PMID: 18225590.

338: Vairaktaris E, Serefoglou ZC, Yapijakis C, Vassiliou S, Nkenke E, Avgoustidis D, Vylliotis A, Stathopoulos P, Neukam FW, Patsouris E. The platelet glycoprotein Ibalph VNTR polymorphism is associated with risk for oral cancer. *Anticancer Res*. 2007 Nov-Dec;27(6B):4121-5. PubMed PMID: 18225582.

339: Vairaktaris E, Yapijakis C, Vasiliou S, Derka S, Nkenke E, Serefoglou Z, Vorris E, Vylliotis A, Ragos V, Neukam FW, Patsouris E. Association of -1171 promoter polymorphism of matrix metalloproteinase-3 with increased risk for oral

cancer. *Anticancer Res.* 2007 Nov-Dec;27(6B):4095-100. PubMed PMID: 18225577.

340: Vairaktaris E, Yapijakis C, Nkenke E, Serefoglou ZC, Chatzitheofylaktou A, Vassiliou S, Derka S, Vylliotis A, Perrea D, Neukam FW, Patsouris E. A metalloproteinase-13 polymorphism affecting its gene expression is associated with advanced stages of oral cancer. *Anticancer Res.* 2007 Nov-Dec;27(6B):4027-30. PubMed PMID: 18225566.

341: Vairaktaris E, Serefoglou ZC, Yapijakis C, Agapi C, Vassiliou S, Nkenke E, Antonis V, Sofia S, Neukam FW, Patsouris E. The interleukin-18 -607A/C polymorphism is not associated with risk for oral cancer. *Anticancer Res.* 2007 Nov-Dec;27(6B):4011-4. PubMed PMID: 18225563.

342: Vairaktaris E, Serefoglou Z, Yapijakis C, Stathopoulos P, Vassiliou S, Derka S, Nkenke E, Vylliotis A, Ragos V, Neukam FW, Patsouris E. The interleukin-1 beta gene polymorphism +3953 C/T is not associated with risk for oral cancer. *Anticancer Res.* 2007 Nov-Dec;27(6B):3981-6. PubMed PMID: 18225559.

343: Alafuzoff I, Parkkinen L, Al-Sarraj S, Arzberger T, Bell J, Bodi I, Bogdanovic N, Budka H, Ferrer I, Gelpi E, Gentleman S, Giaccone G, Kamphorst W, King A, Korkolopoulou P, Kovács GG, Larionov S, Meyronet D, Monoranu C, Morris J, Parchi P, Patsouris E, Roggendorf W, Seilhean D, Streichenberger N, Thal DR, Kretschmar H; BrainNet Europe Consortium. Assessment of alpha-synuclein pathology: a study of the BrainNet Europe Consortium. *J Neuropathol Exp Neurol.* 2008 Feb;67(2):125-43. doi: 10.1097/nen.0b013e3181633526. PubMed PMID: 18219257.

344: Xanthinaki A, Nicolatou-Galitis O, Athanassiadou P, Gonidi M, Kouloulis V, Sotiropoulou-Lontou A, Pissakas G, Kyprianou K, Kouvaris J, Patsouris E. Apoptotic and inflammation markers in oral mucositis in head and neck cancer patients receiving radiotherapy: preliminary report. *Support Care Cancer.* 2008 Sep;16(9):1025-33. doi: 10.1007/s00520-007-0379-8. Epub 2008 Jan 16. PubMed PMID: 18197435.

345: Levidou G, Saetta AA, Korkolopoulou P, Papanastasiou P, Gioti K, Pavlopoulos P, Diamantopoulou K, Thomas-Tsagli E, Xiromeritis K, Patsouris E. Clinical significance of nuclear factor (NF)-kappaB levels in urothelial carcinoma of the urinary bladder. *Virchows Arch.* 2008 Mar;452(3):295-304. doi: 10.1007/s00428-007-0560-y. PubMed PMID: 18188593.

346: Aroni K, Mastoraki A, Agrogiannis G, Ioannidis E, Patsouris E. Successful

treatment of keratoacanthoma centrifugum marginatum with local application of imiquimod cream. *Int J Dermatol.* 2007 Dec;46(12):1321-2. doi: 10.1111/j.1365-4632.2007.03397.x. PubMed PMID: 18173541.

347: Athanassiadou P, Grapsa D, Athanassiades P, Gonidi M, Athanassiadou AM, Tsipis A, Patsouris E. The prognostic significance of COX-2 and survivin expression in ovarian cancer. *Pathol Res Pract.* 2008;204(4):241-9. doi: 10.1016/j.prp.2007.11.004. Epub 2008 Jan 2. PubMed PMID: 18171606.

348: Aroni K, Tsagrioni E, Kavantzias N, Patsouris E, Ioannidis E. A study of the pathogenesis of rosacea: how angiogenesis and mast cells may participate in a complex multifactorial process. *Arch Dermatol Res.* 2008 Mar;300(3):125-31. Epub 2007 Dec 11. PubMed PMID: 18071725.

349: Vairaktaris E, Spyridonidou S, Papakosta V, Vylliotis A, Lazaris A, Perrea D, Yapijakis C, Patsouris E. The hamster model of sequential oral oncogenesis. *Oral Oncol.* 2008 Apr;44(4):315-24. Epub 2007 Dec 3. Review. PubMed PMID: 18061531.

350: Manoussakis MN, Boiu S, Korkolopoulou P, Kapsogeorgou EK, Kavantzias N, Ziakas P, Patsouris E, Moutsopoulos HM. Rates of infiltration by macrophages and dendritic cells and expression of interleukin-18 and interleukin-12 in the chronic inflammatory lesions of Sjögren's syndrome: correlation with certain features of immune hyperactivity and factors associated with high risk of lymphoma development. *Arthritis Rheum.* 2007 Dec;56(12):3977-88. PubMed PMID: 18050195.

351: Vairaktaris E, Goutzani L, Kalokerinos G, Vassiliou S, Spyridonidou S, Avgoustidis D, Strantzias P, Lazaris A, Papageorgiou G, Ragos V, Yapijakis C, Patsouris E. Increased risk of oral cancer in diabetic animals is not associated with c-jun activation pathway. *J Craniomaxillofac Surg.* 2007 Dec;35(8):382-7. Epub 2007 Nov 26. PubMed PMID: 18023197.

352: Vairaktaris E, Loukeri S, Vassiliou S, Nkenke E, Spyridonidou S, Vylliotis A, Papakosta V, Lazaris A, Agrogiannis G, Yapijakis C, Perrea D, Patsouris E. EGFR and c-Jun exhibit the same pattern of expression and increase gradually during the progress of oral oncogenesis. *In Vivo.* 2007 Sep-Oct;21(5):791-6. PubMed PMID: 18019413.

353: Vairaktaris E, Goutzani L, Nkenke E, Spyridonidou S, Vassiliou S, Derka S, Vylliotis A, Yapijakis C, Lazaris A, Patsouris E. Expression of cell cycle regulator p16 is not affected by diabetes during oral oncogenesis. *In Vivo.* 2007 Sep-Oct;21(5):745-50. PubMed PMID: 18019407.

354: Vairaktaris E, Vassiliou S, Yapijakis C, Spyridonidou S, Vylliotis A, Derka S, Nkenke E, Fourtounis G, Neukam FW, Patsouris E. Increased risk for oral cancer is associated with coagulation factor XIII but not with factor XII. *Oncol Rep*. 2007 Dec;18(6):1537-43. PubMed PMID: 17982641.

355: Kapetanios V, Lazaris AC, Bogris P, Kouneli S, Nonni A, Arvaniti H, Kouri E, Tzavara M, Giannakodimos G, Koutselini H, Patsouris ES. Extracellular regulated kinase-2 immunoreactivity increases in parallel with cervical intraepithelial neoplasia grade in cervical neoplasia. *Int J Gynecol Cancer*. 2008 May-Jun;18(3):540-5. Epub 2007 Oct 24. PubMed PMID: 17961162.

356: Oikonomou V, Fotou M, Zagouri F, Sergeantanis TN, Nonni A, Athanassiadou P, Drouveli T, Patsouris E, Kotzia E, Zografos GC. Imprint cytology of vacuum-assisted breast biopsy specimens: a rapid diagnostic tool in non-palpable solid lesions. *Cytopathology*. 2008 Oct;19(5):311-5. Epub 2007 Oct 22. PubMed PMID: 17953690.

357: Saetta AA, Stamatelli A, Karlou M, Michalopoulos NV, Patsouris E, Aroni K. Mutations of microsatellite instability target genes in sporadic basal cell carcinomas. *Pathol Res Pract*. 2007;203(12):849-55. Epub 2007 Oct 22. PubMed PMID: 17950544.

358: Gakiopoulou H, Korkolopoulou P, Levidou G, Thymara I, Saetta A, Piperi C, Givalos N, Vassilopoulos I, Ventouri K, Tsenga A, Bamias A, Dimopoulos MA, Agapitos E, Patsouris E. Minichromosome maintenance proteins 2 and 5 in non-benign epithelial ovarian tumours: relationship with cell cycle regulators and prognostic implications. *Br J Cancer*. 2007 Oct 22;97(8):1124-34. Epub 2007 Oct 16. PubMed PMID: 17940502; PubMed Central PMCID: PMC2360432.

359: Nonni A, Zagouri F, Sergeantanis TN, Lazaris AC, Patsouris ES, Zografos GC. Immunohistochemical expression of estrogen receptors alpha and beta in lobular neoplasia. *Virchows Arch*. 2007 Nov;451(5):893-7. Epub 2007 Oct 9. PubMed PMID: 17924141.

360: Levidou G, Korkolopoulou P, Thymara I, Vassilopoulos I, Saetta AA, Gakiopoulou H, Konstantinidou A, Kairi-Vassilatou E, Pavlakis K, Patsouris E. Expression and prognostic significance of cyclin D3 in ovarian adenocarcinomas. *Int J Gynecol Pathol*. 2007 Oct;26(4):410-7. PubMed PMID: 17885491.

- 361: Pavlopoulos PM, Zimeras S, Kavantzias N, Korkolopoulou P, Agapitos E, Patsouris E. Segmentation of transitional cell carcinoma nuclei by nonsupervised thresholding in different color spaces. *Anal Quant Cytol Histol*. 2007 Aug;29(4):271-8. PubMed PMID: 17879636.
- 362: Vairaktaris E, Yapijakis C, Tsigris C, Vassiliou S, Derka S, Nkenke E, Spyridonidou S, Vylliotis A, Vorris E, Ragos V, Neukam FW, Patsouris E. Association of angiotensin-converting enzyme gene insertion/deletion polymorphism with increased risk for oral cancer. *Acta Oncol*. 2007;46(8):1097-102. PubMed PMID: 17851834.
- 363: Vairaktaris E, Kalokerinos G, Goutzianis L, Yapijakis C, Derka S, Vassiliou S, Spyridonidou S, Vylliotis A, Nkenke E, Lazaris A, Patsouris E. Diabetes enhances cell proliferation but not Bax/Bcl-2-mediated apoptosis during oral oncogenesis. *Int J Oral Maxillofac Surg*. 2008 Jan;37(1):60-5. Epub 2007 Sep 6. PubMed PMID: 17825529.
- 364: Vairaktaris E, Goutzianis L, Nkenke E, Spyridonidou S, Vassiliou S, Derka S, Vylliotis A, Yapijakis C, Lazaris A, Strantzias P, Kalimeras E, Patsouris E. Diabetes does not influence oral oncogenesis through fibroblast growth factor receptors. *In Vivo*. 2007 Jul-Aug;21(4):623-8. PubMed PMID: 17708356.
- 365: Vairaktaris E, Goutzianis L, Kalokerinos G, Yannopoulos A, Yapijakis C, Vassiliou S, Spyridonidou S, Vylliotis A, Nkenke E, Lazaris AC, Tesseromatis C, Patsouris E. Diabetes increases both N-ras and ets-1 expression during rat oral oncogenesis resulting in enhanced cell proliferation and metastatic potential. *In Vivo*. 2007 Jul-Aug;21(4):615-21. PubMed PMID: 17708355.
- 366: Vairaktaris E, Goutzianis L, Vassiliou S, Spyridonidou S, Nkenke E, Papageorgiou G, Strantzias P, Lazaris A, Yapijakis C, Patsouris E. Enhancement of erbB2 and erbB3 expression during oral oncogenesis in diabetic rats. *J Cancer Res Clin Oncol*. 2008 Mar;134(3):337-44. Epub 2007 Aug 18. PubMed PMID: 17704947.
- 367: Zisakis A, Piperi C, Themistocleous MS, Korkolopoulou P, Boviatisis EI, Sakas DE, Patsouris E, Lea RW, Kalofoutis A. Comparative analysis of peripheral and localised cytokine secretion in glioblastoma patients. *Cytokine*. 2007 Aug;39(2):99-105. Epub 2007 Aug 13. PubMed PMID: 17697783.
- 368: Vairaktaris E, Serefoglou Z, Yapijakis C, Vylliotis A, Nkenke E, Derka S, Vassiliou S, Avgoustidis D, Neukam FW, Patsouris E. High gene expression of matrix metalloproteinase-7 is associated with early stages of oral cancer. *Anticancer Res*. 2007 Jul-Aug;27(4B):2493-8. PubMed PMID: 17695544.

- 369: Vairaktaris E, Serefoglou Z, Yapijakis C, Nkenke E, Vassiliou S, Spyridonidou S, Vylliotis A, Nixon AM, Neukam FW, Patsouris E. Coagulation-related factors, thrombomodulin and protein Z, are not associated with risk for oral cancer. *Anticancer Res.* 2007 Jul-Aug;27(4B):2449-51. PubMed PMID: 17695537.
- 370: Diamanti-Kandarakis E, Piperi C, Korkolopoulou P, Kandaraki E, Levidou G, Papalois A, Patsouris E, Papavassiliou AG. Accumulation of dietary glycotoxins in the reproductive system of normal female rats. *J Mol Med (Berl).* 2007 Dec;85(12):1413-20. Epub 2007 Aug 11. PubMed PMID: 17694292.
- 371: Goutzanis L, Papadogeorgakis N, Pavlopoulos PM, Katti K, Petsinis V, Plochoras I, Pantelidaki C, Kavantzias N, Patsouris E, Alexandridis C. Nuclear fractal dimension as a prognostic factor in oral squamous cell carcinoma. *Oral Oncol.* 2008 Apr;44(4):345-53. Epub 2007 Aug 9. PubMed PMID: 17692559.
- 372: Lazaris AC, Segas JV, Nikolopoulos TP, Patsouris ES. Tissue detection of natural killer cells in laryngeal carcinoma. *Neoplasma.* 2007;54(5):379-82. PubMed PMID: 17688367.
- 373: Saetta AA, Korkolopoulou P, Karlou M, Levidou G, Goudopoulou A, Thymara I, Stamatelli A, Tzivras M, Michalopoulos NV, Thomas-Tsagli E, Patsouris E. TGF-betaRII, BAX, IGFIIR, caspase-5, hMSH3 and hMSH6 alterations are not associated with microsatellite instability or p53 mutations in invasive urothelial carcinoma of the urinary bladder. *Pathology.* 2007 Aug;39(4):425-32. PubMed PMID: 17676485.
- 374: Aroni K, Mastoraki A, Kyriazi E, Ioannidis E, Patsouris E. Silver-stained organizer regions and immunoglobulins in cutaneous keratoacanthomas and squamous cell carcinomas. *Pathol Res Pract.* 2007;203(9):659-65. Epub 2007 Jul 27. PubMed PMID: 17673372.
- 375: Vairaktaris E, Yapijakis C, Nkenke E, Vassiliou S, Vylliotis A, Nixon AM, Derka S, Ragos V, Spyridonidou S, Tsigris C, Neukam FW, Patsouris E. The 1040C/T polymorphism influencing thermal stability and activity of thrombin activatable fibrinolysis inhibitor is associated with risk for oral cancer. *Am J Hematol.* 2007 Nov;82(11):1010-2. PubMed PMID: 17636471.
- 376: Vairaktaris E, Moulavassili P, Loukeri S, Spyridonidou S, Yapijakis C,

Vassiliou S, Nkenke E, Vylliotis A, Papakosta V, Lazaris A, Patsouris E. Abundance and localization of skeletal muscle-related erbB2 may stimulate tumour growth during initial stages of oral oncogenesis. *J Musculoskelet Neuronal Interact.* 2007 Apr-Jun;7(2):185-90. PubMed PMID: 17627089.

377: Kavantzias N, Paraskevakou H, Tseleni-Balafouta S, Aroni K, Athanassiades P, Agrogiannis G, Patsouris E. Association between microvessel density and histologic grade in renal cell carcinomas. *Pathol Oncol Res.* 2007;13(2):145-8. Epub 2007 Jul 3. PubMed PMID: 17607376.

378: Gouveris P, Lazaris AC, Papatomas TG, Nonni A, Kyriakou V, Delladetsima J, Patsouris ES, Tsavaris N. Topoisomerase I protein expression in primary colorectal cancer and recurrences after 5-FU-based adjuvant chemotherapy. *J Cancer Res Clin Oncol.* 2007 Dec;133(12):1011-5. Epub 2007 Jun 29. PubMed PMID: 17605046.

379: Tsiambas E, Karameris A, Gourgiotis S, Salemis N, Athanassiou AE, Karakitsos P, Papalois A, Merikas E, Kosmidis P, Patsouris E. Simultaneous deregulation of p16 and cyclin D1 genes in pancreatic ductal adenocarcinoma: a combined immunohistochemistry and image analysis study based on tissue microarrays. *J BUON.* 2007 Apr-Jun;12(2):261-7. PubMed PMID: 17600882.

380: Vairaktaris E, Kalokerinos G, Goutzianis L, Spyridonidou S, Vassiliou S, Derka S, Nkenke E, Yapijakis C, Vylliotis A, Lazaris A, Patsouris E. Diabetes alters expression of p53 and c-myc in different stages of oral oncogenesis. *Anticancer Res.* 2007 May-Jun;27(3B):1465-73. PubMed PMID: 17595763.

381: Alexakis N, Gakiopoulou H, Dimitriou C, Albanopoulos K, Fingerhut A, Skalistira M, Patsouris E, Bramis J, Leandros E. Liver histology alterations during carbon dioxide pneumoperitoneum in a porcine model. *Surg Endosc.* 2008 Feb;22(2):415-20. PubMed PMID: 17593439.

382: Giannopoulos G, Kavantzias N, Parasi A, Tiniakos D, Peros G, Tzanakis N, Patsouris E, Pavlakis K. Morphometric microvascular characteristics in the prognosis of pancreatic and ampullary carcinoma. *Pancreas.* 2007 Jul;35(1):47-52. PubMed PMID: 17575545.

383: Yapijakis C, Vairaktaris E, Vassiliou S, Vylliotis A, Nkenke E, Nixon AM, Derka S, Spyridonidou S, Vorris E, Neukam F, Patsouris E. The low VEGF production allele of the +936C/T polymorphism is strongly associated with increased risk for oral cancer. *J Cancer Res Clin Oncol.* 2007 Oct;133(10):787-91. Epub 2007 Jun 13.

PubMed PMID: 17564725.

384: Korkolopoulou P, Saetta AA, Levidou G, Gigelou F, Lazaris A, Thymara I, Scliri M, Bousboukea K, Michalopoulos NV, Apostolikas N, Konstantinidou A, Tzivras M, Patsouris E. c-FLIP expression in colorectal carcinomas: association with Fas/FasL expression and prognostic implications. *Histopathology*. 2007 Aug;51(2):150-6. Epub 2007 Jun 8. PubMed PMID: 17559541.

385: Athanassiadou P, Bantis A, Gonidi M, Athanassiades P, Agelonidou E, Grapsa D, Nikolopoulou P, Patsouris E. The expression of metallothioneins on imprint smears of prostate carcinoma: correlation with clinicopathologic parameters and tumor proliferative capacity. *Tumori*. 2007 Mar-Apr;93(2):189-94. PubMed PMID: 17557567.

386: Samaras V, Piperi C, Korkolopoulou P, Zisakis A, Levidou G, Themistocleous MS, Boviatsis EI, Sakas DE, Lea RW, Kalofoutis A, Patsouris E. Application of the ELISPOT method for comparative analysis of interleukin (IL)-6 and IL-10 secretion in peripheral blood of patients with astroglial tumors. *Mol Cell Biochem*. 2007 Oct;304(1-2):343-51. Epub 2007 Jun 6. PubMed PMID: 17551671.

387: Gakiopoulou H, Givalos N, Liapis G, Agrogiannis G, Patsouris E, Delladetsima I. Hepatoid adenocarcinoma of the gallbladder. *Dig Dis Sci*. 2007 Dec;52(12):3358-62. Epub 2007 May 18. PubMed PMID: 17510803.

388: Athanassiadou P, Athanassiades P, Grapsa D, Gonidi M, Athanassiadou AM, Stamati PN, Patsouris E. The prognostic value of PTEN, p53, and beta-catenin in endometrial carcinoma: a prospective immunocytochemical study. *Int J Gynecol Cancer*. 2007 May-Jun;17(3):697-704. PubMed PMID: 17504383.

389: Vairaktaris E, Vassiliou S, Nkenke E, Serefoglou Z, Derka S, Tsigris C, Vylliotis A, Yapijakis C, Neukam FW, Patsouris E. A metalloproteinase-9 polymorphism which affects its expression is associated with increased risk for oral squamous cell carcinoma. *Eur J Surg Oncol*. 2008 Apr;34(4):450-5. Epub 2007 May 11. PubMed PMID: 17498910.

390: Vairaktaris E, Yapijakis C, Psyrris A, Spyridonidou S, Yannopoulos A, Lazaris A, Vassiliou S, Ferekidis E, Vylliotis A, Nkenke E, Patsouris E. Loss of tumour suppressor p16 expression in initial stages of oral oncogenesis. *Anticancer Res*. 2007 Mar-Apr;27(2):979-84. PubMed PMID: 17465230.

391: Konstantinidou A, Anninos H, Spanakis N, Kotsiakis X, Syridou G, Tsakris A, Patsouris E. Transplacental infection of Cocksackievirus B3 pathological findings

in the fetus. *J Med Virol.* 2007 Jun;79(6):754-7. PubMed PMID: 17457913.

392: Papaxoinis K, Patsouris E, Kittas C, Nicolopoulou-Stamati P. Insulinlike growth factor I receptor and estrogen receptor beta expressions are inversely correlated in colorectal neoplasms and affected by the insulin resistance syndrome. *Hum Pathol.* 2007 Jul;38(7):1037-46. Epub 2007 Apr 18. PubMed PMID: 17442373.

393: Levidou G, Korkolopoulou P, Nikiteas N, Tzanakis N, Thymara I, Saetta AA, Tsigris C, Rallis G, Vlasis K, Patsouris E. Expression of nuclear factor kappaB in human gastric carcinoma: relationship with I kappaB a and prognostic significance. *Virchows Arch.* 2007 May;450(5):519-27. Epub 2007 Apr 12. PubMed PMID: 17429689.

394: Vairaktaris E, Yannopoulos A, Vassiliou S, Serefoglou Z, Vylliotis A, Nkenke E, Critselis E, Avgoustidis D, Yapijakis C, Neukam FW, Patsouris E. Strong association of interleukin-4 (-590 C/T) polymorphism with increased risk for oral squamous cell carcinoma in Europeans. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* 2007 Dec;104(6):796-802. Epub 2007 Apr 11. PubMed PMID: 17428692.

395: Stefanadis C, Toutouzas K, Stefanadi E, Lazaris A, Patsouris E, Kipshidze N. Inhibition of plaque neovascularization and intimal hyperplasia by specific targeting vascular endothelial growth factor with bevacizumab-eluting stent: an experimental study. *Atherosclerosis.* 2007 Dec;195(2):269-76. Epub 2007 Mar 26. PubMed PMID: 17382333.

396: Korkolopoulou P, Perdiki M, Thymara I, Boviatsis E, Agrogiannis G, Kotsiakis X, Angelidakis D, Rologis D, Diamantopoulou K, Thomas-Tsagli E, Kaklamanis L, Gatter K, Patsouris E. Expression of hypoxia-related tissue factors in astrocytic gliomas. A multivariate survival study with emphasis upon carbonic anhydrase IX. *Hum Pathol.* 2007 Apr;38(4):629-38. PubMed PMID: 17367605.

397: Konidaris S, Kouskouni EE, Panoskaltsis T, Kreatsas G, Patsouris ES, Sarivalassis A, Nonni A, Lazaris AC. Human papillomavirus infection in malignant and benign gynaecological conditions: a study in Greek women. *Health Care Women Int.* 2007 Feb;28(2):182-91. PubMed PMID: 17364979.

398: Givalos N, Gakiopoulou H, Skliri M, Bousboukea K, Konstantinidou AE, Korkolopoulou P, Lelouda M, Kouraklis G, Patsouris E, Karatzas G. Replication protein A is an independent prognostic indicator with potential therapeutic implications in colon cancer. *Mod Pathol.* 2007 Feb;20(2):159-66. PubMed PMID: 17361204.

399: Vairaktaris E, Yapijakis C, Derka S, Serefoglou Z, Vassiliou S, Nkenke E, Ragos V, Vylliotis A, Spyridonidou S, Tsigris C, Yannopoulos A, Tesseromatis C, Neukam FW, Patsouris E. Association of matrix metalloproteinase-1 (-1607 1G/2G) polymorphism with increased risk for oral squamous cell carcinoma. *Anticancer Res.* 2007 Jan-Feb;27(1A):459-64. PubMed PMID: 17352267.

400: Galani Z, Viniou N, Kyrtsonis MC, Sachanas S, Antoniou T, Dimopoulou MN, Vassilakopoulos TP, Korkolopoulou P, Nakopoulou L, Patsouris E, Pangalis GA. Hepatic and renal plasma cell lesions in a patient with multiple myeloma in hematological remission. *Anticancer Res.* 2007 Jan-Feb;27(1B):571-4. PubMed PMID: 17348443.

401: Vairaktaris E, Yapijakis C, Yiannopoulos A, Vassiliou S, Serefoglou Z, Vylliotis A, Nkenke E, Derka S, Critselis E, Avgoustidis D, Neukam FW, Patsouris E. Strong association of the tissue inhibitor of metalloproteinase-2 polymorphism with an increased risk of oral squamous cell carcinoma in Europeans. *Oncol Rep.* 2007 Apr;17(4):963-8. PubMed PMID: 17342343.

402: Tsavaris N, Kosmas C, Kavantzas N, Lazaris A, Skopelitis E, Dimitrakopoulos A, Siakantaris MP, Papalambros E, Diamantis N, Patsouris E, Pangalis GA. Breast cancer following curative chemotherapy for non-Hodgkin's lymphoma and the effect of drug resistance proteins to the final outcome. A retrospective study. *J BUON.* 2005 Jan-Mar;10(1):71-6. PubMed PMID: 17335134.

403: Tseleni-Balafouta S, Gakiopoulou H, Kavantzas N, Agrogiannis G, Givalos N, Patsouris E. Parathyroid proliferations: a source of diagnostic pitfalls in FNA of thyroid. *Cancer.* 2007 Apr 25;111(2):130-6. PubMed PMID: 17334991.

404: Athanassiadou P, Psyhoyiou H, Grapsa D, Gonidi M, Ketikoglou I, Patsouris E. Cytokeratin 8 and 18 expression in imprint smears of chronic viral hepatitis, autoimmune hepatitis and hepatocellular carcinoma. A preliminary study. *Acta Cytol.* 2007 Jan-Feb;51(1):61-5. PubMed PMID: 17328497.

405: Tsiambas E, Karameris A, Stamatelopoulos A, Baltayiannis N, Manaios L, Gerontopoulos K, Talieri M, Athanassiou AE, Patsouris E. Chromogenic in situ hybridization analysis of chromosomes 7, 9, and 17 in pancreatic ductal adenocarcinoma based on tissue microarrays. *J BUON.* 2006 Apr-Jun;11(2):205-11. PubMed PMID: 17318972.

406: Diamanti-Kandarakis E, Piperi C, Patsouris E, Korkolopoulou P, Panidis D, Pawelczyk L, Papavassiliou AG, Duleba AJ. Immunohistochemical localization of

advanced glycation end-products (AGEs) and their receptor (RAGE) in polycystic and normal ovaries. *Histochem Cell Biol.* 2007 Jun;127(6):581-9. Epub 2007 Jan 5. PubMed PMID: 17205306.

407: Vairaktaris E, Ragos V, Yapijakis C, Derka S, Vassiliou S, Nkenke E, Yannopoulos A, Spyridonidou S, Vylliotis A, Papakosta V, Loukeri S, Lazaris A, Tesseromatis C, Tsigris C, Patsouris E. FGFR-2 and -3 play an important role in initial stages of oral oncogenesis. *Anticancer Res.* 2006 Nov-Dec;26(6B):4217-21. PubMed PMID: 17201136.

408: Tsiambas E, Stamatelopoulos A, Karameris A, Panagiotou I, Rigopoulos D, Chatzimichalis A, Bouros D, Patsouris E. Simultaneous EGFR and VEGF alterations in non-small cell lung carcinoma based on tissue microarrays. *Cancer Inform.* 2007 Jan 12;3:275-84. PubMed PMID: 19455247; PubMed Central PMCID: PMC2675836.

409: Vairaktaris E, Yiannopoulos A, Vylliotis A, Yapijakis C, Derka S, Vassiliou S, Nkenke E, Serefoglou Z, Ragos V, Tsigris C, Vorris E, Critselis E, Avgoustidis D, Neukam FW, Patsouris E. Strong association of interleukin-6 -174 G>C promoter polymorphism with increased risk of oral cancer. *Int J Biol Markers.* 2006 Oct-Dec;21(4):246-50. PubMed PMID: 17177164.

410: Vairaktaris E, Yapijakis C, Serefoglou Z, Derka S, Vassiliou S, Nkenke E, Vylliotis A, Wiltfang J, Avgoustidis D, Critselis E, Neukam FW, Patsouris E. The interleukin-8 (-251A/T) polymorphism is associated with increased risk for oral squamous cell carcinoma. *Eur J Surg Oncol.* 2007 May;33(4):504-7. Epub 2006 Dec 14. PubMed PMID: 17174061.

411: Schmitt A, Bauer M, Heinsen H, Feiden W; Consortium of Brainnet Europe II, Falkai P, Alafuzoff I, Arzberger T, Al-Sarraj S, Bell JE, Bogdanovic N, Brück W, Budka H, Ferrer I, Giaccone G, Kovacs GG, Meyronet D, Palkovits M, Parchi P, Patsouris E, Ravid R, Reynolds R, Riederer P, Roggendorf W, Schwalber A, Seilhean D, Kretschmar H. How a neuropsychiatric brain bank should be run: a consensus paper of Brainnet Europe II. *J Neural Transm (Vienna).* 2007;114(5):527-37. Epub 2006 Dec 14. PubMed PMID: 17165101.

412: Konstantinidou AE, Givalos N, Gakiopoulou H, Korkolopoulou P, Kotsiakis X, Boviatsis E, Agrogiannis G, Mahera H, Patsouris E. Caspase-3 immunohistochemical expression is a marker of apoptosis, increased grade and early recurrence in intracranial meningiomas. *Apoptosis.* 2007 Apr;12(4):695-705. Epub 2006 Dec 5. PubMed PMID: 17143787.

413: Lazaris AC, Nonni A, Pathiaki I, Patsouris E. Primary diffuse large B-cell lymphoma of the skin. *Dermatol Online J.* 2006 May 30;12(4):16. PubMed PMID:

17083871.

414: Vairaktaris E, Papageorgiou G, Derka S, Moulavassili P, Nkenke E, Kessler P, Vassiliou S, Papakosta V, Spyridonidou S, Vylliotis A, Lazaris AC, Anagnostopoulou S, Mourouzis C, Yapijakis C, Patsouris E. Expression of ets-1 is not affected by N-ras or H-ras during oral oncogenesis. *J Cancer Res Clin Oncol*. 2007 Apr;133(4):227-33. Epub 2006 Oct 28. PubMed PMID: 17072648.

415: Agapitou P, Lazaris AC, Agapitos E, Patsouris ES. Abruptio placentae and idiopathic arterial calcification in a stillborn. *J Matern Fetal Neonatal Med*. 2006 Sep;19(9):583-5. PubMed PMID: 16966129.

416: Chatzipantelis P, Lazaris AC, Kafiri G, Papadimitriou K, Papatomas TG, Nonni A, Patsouris ES. Cytokeratin-7, cytokeratin-19, and c-Kit: Immunoreaction during the evolution stages of primary biliary cirrhosis. *Hepato Res*. 2006 Nov;36(3):182-7. Epub 2006 Sep 11. PubMed PMID: 16963314.

417: Theodoropoulos G, Papaconstantinou I, Felekouras E, Nikiteas N, Karakitsos P, Panoussopoulos D, Lazaris ACh, Patsouris E, Bramis J, Gazouli M. Relation between common polymorphisms in genes related to inflammatory response and colorectal cancer. *World J Gastroenterol*. 2006 Aug 21;12(31):5037-43. PubMed PMID: 16937502; PubMed Central PMCID: PMC4087409.

418: Lekas AG, Lazaris AC, Chrisofos M, Papatsoris AG, Lappas D, Patsouris E, Deliveliotis C. Finasteride effects on hypoxia and angiogenic markers in benign prostatic hyperplasia. *Urology*. 2006 Aug;68(2):436-41. PubMed PMID: 16904480.

419: Alafuzoff I, Pikkarainen M, Al-Sarraj S, Arzberger T, Bell J, Bodi I, Bogdanovic N, Budka H, Bugiani O, Ferrer I, Gelpi E, Giaccone G, Graeber MB, Hauw JJ, Kamphorst W, King A, Kopp N, Korkolopoulou P, Kovács GG, Meyronet D, Parchi P, Patsouris E, Preusser M, Ravid R, Roggendorf W, Seilhean D, Streichenberger N, Thal DR, Kretschmar H. Interlaboratory comparison of assessments of Alzheimer disease-related lesions: a study of the BrainNet Europe Consortium. *J Neuropathol Exp Neurol*. 2006 Aug;65(8):740-57. PubMed PMID: 16896308.

420: Papakosta V, Vairaktaris E, Vylliotis A, Derka S, Nkenke E, Vassiliou S, Lazaris A, Mourouzis C, Rallis G, Spyridonidou S, Anagnostopoulou S, Perrea D, Donta I, Yapijakis C, Patsouris E. The co-expression of c-myc and p53 increases and reaches a plateau early in oral oncogenesis. *Anticancer Res*. 2006 Jul-Aug;26(4B):2957-62. PubMed PMID: 16886620.

421: Tsiambas E, Stavrakis I, Lazaris AC, Karameris A, Patsouris E. Evaluation of epidermal growth factor receptor gene and chromosome 7 alterations in squamous cell carcinoma of the larynx, using chromogenic in situ hybridization on tissue microarrays. *J Laryngol Otol.* 2007 Jun;121(6):563-70. Epub 2006 Aug 2. PubMed PMID: 16882359.

422: Akman HO, Karadimas C, Gyftodimou Y, Grigoriadou M, Kokotas H, Konstantinidou A, Anninos H, Patsouris E, Thaker HM, Kaplan JB, Besharat I, Hatzikonstantinou K, Fotopoulos S, Dimauro S, Petersen MB. Prenatal diagnosis of glycogen storage disease type IV. *Prenat Diagn.* 2006 Oct;26(10):951-5. PubMed PMID: 16874838.

423: Perdiki M, Korkolopoulou P, Thymara I, Agrogiannis G, Piperi C, Boviatsis E, Kotsiakis X, Angelidakis D, Diamantopoulou K, Thomas-Tsagli E, Patsouris E. Cyclooxygenase-2 expression in astrocytomas. Relationship with microvascular parameters, angiogenic factors expression and survival. *Mol Cell Biochem.* 2007 Jan;295(1-2):75-83. Epub 2006 Jul 26. PubMed PMID: 16868662.

424: Goutzanis L, Vairaktaris E, Yapijakis C, Kavantzias N, Nkenke E, Derka S, Vassiliou S, Acil Y, Kessler P, Stavrianeas N, Perrea D, Donta I, Skandalakis P, Patsouris E. Diabetes may increase risk for oral cancer through the insulin receptor substrate-1 and focal adhesion kinase pathway. *Oral Oncol.* 2007 Feb;43(2):165-73. Epub 2006 Jul 24. PubMed PMID: 16860589.

425: Rapidis AD, Givalos N, Gakiopoulou H, Stavrianos SD, Faratzis G, Lagogiannis GA, Katsilieris I, Patsouris E. Mucoepidermoid carcinoma of the salivary glands. Review of the literature and clinicopathological analysis of 18 patients. *Oral Oncol.* 2007 Feb;43(2):130-6. Epub 2006 Jul 20. Review. PubMed PMID: 16857410.

426: Kountourakis P, Pavlakis K, Psyri A, Rontogianni D, Xiros N, Patsouris E, Pectasides D, Economopoulos T. Clinicopathologic significance of EGFR and Her-2/neu in colorectal adenocarcinomas. *Cancer J.* 2006 May-Jun;12(3):229-36. PubMed PMID: 16803682.

427: Tsiambas E, Karameris A, Lazaris AC, Talieri M, Triantafillidis JK, Cheracakis P, Manaios L, Gerontopoulos K, Patsouris E, Lygidakis NJ. EGFR alterations in pancreatic ductal adenocarcinoma: a chromogenic in situ hybridization analysis based on tissue microarrays. *Hepatogastroenterology.* 2006 May-Jun;53(69):452-7. PubMed PMID: 16795991.

428: Tseleni-Balafouta S, Kavantzias N, Balafoutas D, Patsouris E. Comparative study of angiogenesis in thyroid glands with Graves disease and Hashimoto's

thyroiditis. *Appl Immunohistochem Mol Morphol*. 2006 Jun;14(2):203-7. PubMed PMID: 16785791.

429: Sigala F, Georgopoulos S, Papalambros E, Chasiotis D, Vourliotakis G, Niforou A, Kotsinas A, Kavantzias N, Patsouris E, Gorgoulis VG, Bastounis E. Heregulin, cysteine rich-61 and matrix metalloproteinase 9 expression in human carotid atherosclerotic plaques: relationship with clinical data. *Eur J Vasc Endovasc Surg*. 2006 Sep;32(3):238-45. Epub 2006 Jun 13. PubMed PMID: 16774841.

430: Lazaris AC, Tseleni-Balafouta S, Papatomas T, Brousalis T, Thomopoulou G, Agrogiannis G, Patsouris ES. Immunohistochemical investigation of angiogenic factors in parathyroid proliferative lesions. *Eur J Endocrinol*. 2006 Jun;154(6):827-33. PubMed PMID: 16728542.

431: Konstantinidou AE, Anninos H, Gyftodimou Y, Petersen MB, Karadimas C, Fotopoulos S, Paraskevakou H, Akman HO, Dimauro S, Patsouris E. Neonatal neuromuscular variant of glycogen storage disease type IV: histopathological findings leading to the diagnosis. *Histopathology*. 2006 Jun;48(7):878-80. PubMed PMID: 16722943.

432: Konstantinidou AE, Syridou G, Spanakis N, Tsakris A, Agrogiannis G, Patsouris E. Association of hypospadias and cardiac defect in a Parvovirus B19-infected stillborn: a causality relation? *J Infect*. 2007 Jan;54(1):e41-5. Epub 2006 May 19. PubMed PMID: 16712940.

433: Tsiambas E, Karameris A, Dervenis C, Lazaris AC, Giannakou N, Gerontopoulos K, Patsouris E. HER2/neu expression and gene alterations in pancreatic ductal adenocarcinoma: a comparative immunohistochemistry and chromogenic in situ hybridization study based on tissue microarrays and computerized image analysis. *JOP*. 2006 May 9;7(3):283-94. PubMed PMID: 16685109.

434: Saetta AA, Michalopoulos NV, Malamis G, Papanastasiou PI, Mazmanian N, Karlou M, Kouzoupis A, Korkolopoulou P, Patsouris E. Analysis of PRNP gene codon 129 polymorphism in the Greek population. *Eur J Epidemiol*. 2006;21(3):211-5. PubMed PMID: 16547836.

435: Tseleni-Balafouta S, Gakiopoulou H, Fanourakis G, Voutsinas G, Litsiou H, Sozopoulos E, Balafoutas D, Patsouris E. Fibrillin expression and localization in various types of carcinomas of the thyroid gland. *Mod Pathol*. 2006

May;19(5):695-700. PubMed PMID: 16528372.

436: Kountourakis P, Pavlakis K, Psyrris A, Rontogianni D, Xiros N, Patsouris E, Pectasides D, Economopoulos T. Prognostic significance of HER3 and HER4 protein expression in colorectal adenocarcinomas. *BMC Cancer*. 2006 Feb 28;6:46. PubMed PMID: 16507107; PubMed Central PMCID: PMC1431553.

437: Derka S, Vairaktaris E, Papakosta V, Vassiliou S, Acil Y, Vylliotis A, Spyridonidou S, Lazaris AC, Mourouzis C, Kokkori A, Moulavasili P, Perrea D, Donta I, Yapijakis C, Patsouris E. Cell proliferation and apoptosis culminate in early stages of oral oncogenesis. *Oral Oncol*. 2006 May;42(5):540-50. Epub 2006 Feb 7. PubMed PMID: 16464633.

438: Tsavaris N, Kopterides P, Kosmas C, Siakantaris M, Patsouris E, Pangalis G. Spontaneous remission of acute myeloid leukemia associated with GnRH agonist treatment. *Leuk Lymphoma*. 2006 Mar;47(3):557-60. PubMed PMID: 16396781.

439: Segas JV, Lazaris AC, Nikolopoulos TP, Kavantzas NG, Lendari IE, Tzagkaroulakis AM, Patsouris ES, Ferekidis EA. Cyclin D1 protein tissue detection in laryngeal cancer. *ORL J Otorhinolaryngol Relat Spec*. 2005;67(6):319-25. Epub 2005 Dec 1. PubMed PMID: 16327270.

440: Michalopoulos NV, Saetta AA, Lazaris AC, Gigelou F, Koilakou S, Patsouris E. Microsatellite instability in sporadic and inherited colon adenocarcinomas from Greek patients: correlation with several clinicopathological characteristics. *Acta Gastroenterol Belg*. 2005 Jul-Sep;68(3):294-301. Erratum in: *Acta Gastroenterol Belg*. 2005 Oct-Dec;68(4):505. PubMed PMID: 16268414.

441: Tseleni-Balafouta S, Gakiopoulou H, Fanourakis G, Voutsinas G, Balafoutas D, Patsouris E. Tenascin-C protein expression and mRNA splice variants in thyroid carcinoma. *Exp Mol Pathol*. 2006 Apr;80(2):177-82. Epub 2005 Nov 2. PubMed PMID: 16259977.

442: Theodoropoulos VE, Tsigka A, Mihalopoulou A, Tsoukala V, Lazaris AC, Patsouris E, Ghikonti I. Evaluation of neuroendocrine staining and androgen receptor expression in incidental prostatic adenocarcinoma: prognostic implications. *Urology*. 2005 Oct;66(4):897-902. PubMed PMID: 16230178.

443: Doladzas T, Arvelakis A, Karavokyros IG, Gougoudi E, Pikoulis E, Patsouris E, Michail PO. Primary rhabdomyosarcoma of the lung arising over cystic pulmonary adenomatoid malformation. *Pediatr Hematol Oncol*. 2005 Sep;22(6):525-9. PubMed

PMID: 16169819.

444: Papacharalampous X, Patsouris E, Mundinger A, Beck A, Kouloulis V, Primetis

E, Koureas A, Vlahos L. The effect of contrast media on the synovial membrane. *Eur J Radiol.* 2005 Sep;55(3):426-30. Epub 2005 Jan 21. PubMed PMID: 16129252.

445: Korkolopoulou P, Givalos N, Saetta A, Goudopoulou A, Gakiopoulou H, Thymara

I, Thomas-Tsagli E, Patsouris E. Minichromosome maintenance proteins 2 and 5 expression in muscle-invasive urothelial cancer: a multivariate survival study including proliferation markers and cell cycle regulators. *Hum Pathol.* 2005 Aug;36(8):899-907. PubMed PMID: 16112007.

446: Theodoropoulos GE, Lazaris AC, Theodoropoulos VE, Papatheodosiou K, Gazouli

M, Bramis J, Patsouris E, Panoussopoulos D. Hypoxia, angiogenesis and apoptosis markers in locally advanced rectal cancer. *Int J Colorectal Dis.* 2006 Apr;21(3):248-57. Epub 2005 Jul 29. PubMed PMID: 16052307.

447: Saetta AA, Aroni K, Stamatelli A, Lazaris AC, Patsouris E. Expression of mismatch repair enzymes, hMLH1 and hMSH2 is not associated with microsatellite instability and P53 protein accumulation in basal cell carcinoma. *Arch Dermatol Res.* 2005 Sep;297(3):99-107. Epub 2005 Sep 29. PubMed PMID: 16012876.

448: Vairaktaris E, Vassiliou S, Yapijakis C, Papakosta V, Kavantzias N, Martis C, Patsouris E. Salivary gland manifestations of sarcoidosis: report of three cases. *J Oral Maxillofac Surg.* 2005 Jul;63(7):1016-21. PubMed PMID: 16003631.

449: Saetta AA, Gigelou F, Papanastasiou PI, Koilakou SV, Kalekou-Greca H, Miliaras D, Michalopoulos NV, Patsouris E. High-level microsatellite instability is not involved in gallbladder carcinogenesis. *Exp Mol Pathol.* 2006 Feb;80(1):67-71. Epub 2005 Jun 16. PubMed PMID: 15963980.

450: Konstantinidou AE, Korkolopoulou P, Patsouris E. Apoptotic markers for primary brain tumor prognosis. *J Neurooncol.* 2005 Apr;72(2):151-6. Review. PubMed PMID: 15925995.

451: Nonni A, Lazaris AC, Patsouris E. A 96-year-old woman with a tumorous lesion of the right breast. Invasive papillary breast carcinoma of solid variant. *Arch Pathol Lab Med.* 2005 May;129(5):e128-9. PubMed PMID: 15859659.

452: Korkolopoulou P, Thymara I, Kavantzias N, Vassilakopoulos TP, Angelopoulou MK, Kokoris SI, Dimitriadou EM, Siakantaris MP, Anargyrou K, Panayiotidis P, Tsenga A, Androulaki A, Doussis-Anagnostopoulou IA, Patsouris E, Pangalis GA. Angiogenesis in Hodgkin's lymphoma: a morphometric approach in 286 patients with prognostic implications. *Leukemia*. 2005 Jun;19(6):894-900. PubMed PMID: 15800675.

453: Finckh U, Kuschel C, Anagnostouli M, Patsouris E, Pantos GV, Gatzonis S, Kapaki E, Davaki P, Lamszus K, Stavrou D, Gal A. Novel mutations and repeated findings of mutations in familial Alzheimer disease. *Neurogenetics*. 2005 May;6(2):85-9. Epub 2005 Mar 18. PubMed PMID: 15776278.

454: Rapidis AD, Givalos N, Gakiopoulou H, Faratzis G, Stavrianos SD, Vilos GA, Douzinas EE, Patsouris E. Adenoid cystic carcinoma of the head and neck. Clinicopathological analysis of 23 patients and review of the literature. *Oral Oncol*. 2005 Mar;41(3):328-35. Review. PubMed PMID: 15743696.

455: Rapidis AD, Gakiopoulou H, Stavrianos SD, Vilos GA, Faratzis G, Douzinas EE, Givalos N, Patsouris E. Sarcomas of the head and neck. Results from the treatment of 25 patients. *Eur J Surg Oncol*. 2005 Mar;31(2):177-82. PubMed PMID: 15698735.

456: Theodoropoulos VE, Lazaris AC, Kastriotis I, Spiliadi C, Theodoropoulos GE, Tsoukala V, Patsouris E, Sofras F. Evaluation of hypoxia-inducible factor 1alpha overexpression as a predictor of tumour recurrence and progression in superficial urothelial bladder carcinoma. *BJU Int*. 2005 Feb;95(3):425-31. PubMed PMID: 15679808.

457: Douzinas EE, Kollias S, Tiniakos D, Evangelou E, Papalois A, Rapidis AD, Tsoukalas GD, Patsouris E, Roussos C. Hypoxemic reperfusion after 120 mins of intestinal ischemia attenuates the histopathologic and inflammatory response. *Crit Care Med*. 2004 Nov;32(11):2279-83. PubMed PMID: 15640642.

458: Latsios G, Saetta A, Michalopoulos NV, Agapitos E, Patsouris E. Detection of cytomegalovirus, *Helicobacter pylori* and *Chlamydia pneumoniae* DNA in carotid atherosclerotic plaques by the polymerase chain reaction. *Acta Cardiol*. 2004 Dec;59(6):652-7. PubMed PMID: 15636450.

459: Vassilakopoulos TP, Angelopoulou MK, Constantinou N, Karmiris T, Repoussis P, Roussou P, Siakantaris MP, Korkolopoulou P, Kyrtsonis MC, Kokoris SI, Dimopoulou MN, Variamis E, Viniou NA, Konstantopoulos K, Dimitriadou EM,

Androulaki A, Patsouris E, Doussis-Anagnostopoulou IA, Panayiotidis P, Boussiotis VA, Kittas C, Pangalis GA. Development and validation of a clinical prediction rule for bone marrow involvement in patients with Hodgkin lymphoma. *Blood*. 2005 Mar 1;105(5):1875-80. Epub 2004 Nov 9. PubMed PMID: 15536150.

460: Aroni K, Tsagrioni E, Lazaris AC, Patsouris E, Agapitos E. Rosacea: a clinicopathological approach. *Dermatology*. 2004;209(3):177-82. PubMed PMID: 15459529.

461: Papanikolaou IS, Lazaris AC, Apostolopoulos P, Kavantzias N, Papas MG, Mavrogiannis C, Patsouris ES, Archimandritis A. Tissue detection of natural killer cells in colorectal adenocarcinoma. *BMC Gastroenterol*. 2004 Sep 13;4:20. PubMed PMID: 15363095; PubMed Central PMCID: PMC517933.

462: Lazaris ACh, Chatzigianni EB, Xidias G, Panoskaltsis TA, Thomopoulou GC, Eftychiadis CA, Michalas S, Patsouris ES. Tissue evaluation of immune markers in endometrial and cervical carcinomas. *J Exp Clin Cancer Res*. 2004 Jun;23(2):269-75. PubMed PMID: 15354412.

463: Saetta AA, Goudopoulou A, Korkolopoulou P, Voutsinas G, Thomas-Tsagli E, Michalopoulos NV, Patsouris E. Mononucleotide markers of microsatellite instability in carcinomas of the urinary bladder. *Eur J Surg Oncol*. 2004 Sep;30(7):796-803. PubMed PMID: 15296997.

464: Korkolis DP, Tsoi E, Fouskakis D, Yiotis J, Koullias GJ, Giannopoulos D, Papalambros E, Nikiteas NI, Spiliopoulou CA, Patsouris E, Asimacopoulos P, Gorgoulis VG. Tumor histology and stage but not p53, Her2-neu or cathepsin-D expression are independent prognostic factors in breast cancer patients. *Anticancer Res*. 2004 May-Jun;24(3b):2061-8. PubMed PMID: 15274401.

465: Zacharatos P, Kotsinas A, Evangelou K, Karakaidos P, Vassiliou LV, Rezaei N, Kyroudi A, Kittas C, Patsouris E, Papavassiliou AG, Gorgoulis VG. Distinct expression patterns of the transcription factor E2F-1 in relation to tumour growth parameters in common human carcinomas. *J Pathol*. 2004 Jul;203(3):744-53. PubMed PMID: 15221933.

466: Saetta AA, Papanastasiou P, Michalopoulos NV, Gigelou F, Korkolopoulou P, Bei T, Patsouris E. Mutational analysis of BRAF in gallbladder carcinomas in association with K-ras and p53 mutations and microsatellite instability. *Virchows Arch*. 2004 Aug;445(2):179-82. Epub 2004 Jun 19. PubMed PMID: 15221372.

467: Katopodi E, Kavantzias N, Pavlopoulos PM, Papanikolaou V, Saetta A,

Korkolopoulou P, Douzinas E, Patsouris E. The frequency and distribution of mast cells in pleomorphic adenomas of salivary glands. *Pathology*. 2004 Jun;36(3):258-61. PubMed PMID: 15203731.

468: Korkolopoulou P, Goudopoulou A, Voutsinas G, Thomas-Tsagli E, Kapralos P, Patsouris E, Saetta AA. c-FLIP expression in bladder urothelial carcinomas: its role in resistance to Fas-mediated apoptosis and clinicopathologic correlations. *Urology*. 2004 Jun;63(6):1198-204. PubMed PMID: 15183989.

469: Korkolopoulou P, Patsouris E, Konstantinidou AE, Pavlopoulos PM, Kavantzias N, Boviatsis E, Thymara I, Perdiki M, Thomas-Tsagli E, Angelidakis D, Rologis D, Sakkas D. Hypoxia-inducible factor 1alpha/vascular endothelial growth factor axis in astrocytomas. Associations with microvessel morphometry, proliferation and prognosis. *Neuropathol Appl Neurobiol*. 2004 Jun;30(3):267-78. PubMed PMID: 15175080.

470: Patsouris E, Katsarou O, Korkolopoulou P, Kotsi P, Kouramba A, Androulaki A, Karafoulidou A. Increased microvascular network in bone marrow of HIV-positive haemophilic patients. *HIV Med*. 2004 Jan;5(1):18-25. PubMed PMID: 14731165.

471: Androulaki A, Drakos E, Hatzianastassiou D, Vgenopoulou S, Gazouli M, Korkolopoulou P, Patsouris E, Dosis T. Pyothorax-associated lymphoma (PAL): a western case with marked angiocentricity and review of the literature. *Histopathology*. 2004 Jan;44(1):69-76. Review. PubMed PMID: 14717672.

472: Vgenopoulou S, Lazaris AC, Markopoulos C, Boltetsou E, Kyriakou V, Kavantzias N, Patsouris E, Davaris PS. Immunohistochemical evaluation of immune response in invasive ductal breast cancer of not-otherwise-specified type. *Breast*. 2003 Jun;12(3):172-8. PubMed PMID: 14659323.

473: Douzinas EE, Pitaridis MT, Patsouris E, Kollias S, Boursinos V, Karmaliotis DI, Gratsias Y, Evangelou E, Papalois A, Konstantinidou AE, Roussos C. Myocardial ischemia in intestinal postischemic shock: the effect of hypoxemic reperfusion. *Crit Care Med*. 2003 Aug;31(8):2183-9. PubMed PMID: 12973178.

474: Patsouris E, Korkolopoulou P, Androulaki A, Douzinas E, Kosmopoulou O, Kordossis T. Increased angiogenesis in the bone marrow of HIV-positive patients with myelodysplasia. *Pathology*. 2003 Aug;35(4):330-5. PubMed PMID: 12959769.

475: Zorzos HS, Lazaris AC, Korkolopoulou PA, Kavantzias NG, Tseleni-Balafouta S,

Patsouris ES, Tsavaris NV, Davaris PS. Multidrug resistance proteins and topoisomerase IIalpha expression in colon cancer: association with metastatic potential. *Pathology*. 2003 Aug;35(4):315-8. PubMed PMID: 12959767.

476: Korkolopoulou P, Gribabis DA, Kavantzias N, Angelopoulou MK, Siakantaris MP, Patsouris E, Androulaki A, Thymara I, Kokoris SI, Kyrtsonis MC, Kittas C, Pangalis GA. A morphometric study of bone marrow angiogenesis in hairy cell leukaemia with clinicopathological correlations. *Br J Haematol*. 2003 Sep;122(6):900-10. PubMed PMID: 12956759.

477: Konstantinidou AE, Korkolopoulou P, Mahera H, Kotsiakos X, Hranioti S, Eftychiadis C, Patsouris E. Hormone receptors in non-malignant meningiomas correlate with apoptosis, cell proliferation and recurrence-free survival. *Histopathology*. 2003 Sep;43(3):280-90. PubMed PMID: 12940781.

478: Vassilopoulos I, Korkolopoulou P, Konstantinidou AE, Patsouris E, Eftychiadis C, Thymara I, Perdiki M, Pavlakis K, Agapitos E, Davaris PS. Evaluation of the cyclin-dependent kinase inhibitor p21Cip1 in epithelial ovarian tumors of low malignant potential and adenocarcinomas. *Histol Histopathol*. 2003 Jul;18(3):761-70. doi: 10.14670/HH-18.761. PubMed PMID: 12792888.

479: Goudopoulou A, Saetta A, Korkolopoulou P, Patsouris E, Fanourakis G, Miaouli M, Thomas-Tsagli E, Davaris PS. p53 mutations detection in urinary bladder cancer in the Greek population: application of the NIRCA assay. *J Exp Clin Cancer Res*. 2003 Mar;22(1):99-105. PubMed PMID: 12725329.

480: Konstantinidou AE, Korkolopoulou P, Vassilopoulos I, Tsenga A, Thymara I, Agapitos E, Patsouris E, Davaris P. Reduced retinoblastoma gene protein to Ki-67 ratio is an adverse prognostic indicator for ovarian adenocarcinoma patients. *Gynecol Oncol*. 2003 Mar;88(3):369-78. PubMed PMID: 12648589.

481: Katopodi E, Patsouris E, Papanikolaou V, Karameris A, Douzinas E, Papanicolaou S. Immunohistochemical detection of epidermal growth factor and its receptor in salivary gland carcinomas. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. 2003 Mar;95(3):266-8. PubMed PMID: 12627094.

482: Korkolopoulou P, Viniou N, Kavantzias N, Patsouris E, Thymara I, Pavlopoulos PM, Terpos E, Stamatopoulos K, Plata E, Anargyrou K, Androulaki A, Davaris P, Yataganas X. Clinicopathologic correlations of bone marrow angiogenesis in chronic myeloid leukemia: a morphometric study. *Leukemia*. 2003 Jan;17(1):89-97. PubMed PMID: 12529665.

483: Konstantinidou AE, Korkolopoulou P, Kavantzias N, Mahera H, Thymara I, Kotsiakis X, Perdiki M, Patsouris E, Davaris P. Mitosin, a novel marker of cell proliferation and early recurrence in intracranial meningiomas. *Histol Histopathol.* 2003 Jan;18(1):67-74. doi: 10.14670/HH-18.67. PubMed PMID: 12507285.

484: Konstantinidou AE, Korkolopoulou P, Patsouris E. Apoptotic markers for tumor recurrence: a minireview. *Apoptosis.* 2002 Oct;7(5):461-70. Review. PubMed PMID: 12207179.

485: Korkolopoulou P, Lazaris ACh, Konstantinidou AE, Kavantzias N, Patsouris E, Christodoulou P, Thomas-Tsagli E, Davaris P. Differential expression of bcl-2 family proteins in bladder carcinomas. Relationship with apoptotic rate and survival. *Eur Urol.* 2002 Mar;41(3):274-83. PubMed PMID: 12180228.

486: Korkolopoulou P, Vassilopoulos I, Konstantinidou AE, Zorzos H, Patsouris E, Agapitos E, Davaris P. The combined evaluation of p27Kip1 and Ki-67 expression provides independent information on overall survival of ovarian carcinoma patients. *Gynecol Oncol.* 2002 Jun;85(3):404-14. PubMed PMID: 12051866.

487: Panayiotakopoulos GD, Sipsas NV, Kontos A, Patsouris E, Korkolopoulou P, Revenas K, Dounis E, Kordossis T. Eosinophilic granuloma of the femur in an HIV-1-positive patient. *AIDS Patient Care STDS.* 2002 Mar;16(3):103-6. PubMed PMID: 11945205.

488: Korkolopoulou P, Patsouris E, Kavantzias N, Konstantinidou AE, Christodoulou P, Thomas-Tsagli E, Pananikolaou A, Eftychiadis C, Pavlopoulos PM, Angelidakis D, Rologis D, Davaris P. Prognostic implications of microvessel morphometry in diffuse astrocytic neoplasms. *Neuropathol Appl Neurobiol.* 2002 Feb;28(1):57-66. PubMed PMID: 11849564.

489: Konstantinidou A, Korkolopoulou P, Patsouris E, Mahera H, Hranioti S, Kotsiakis X, Davaris P. Apoptosis detected with monoclonal antibody to single-stranded DNA is a predictor of recurrence in intracranial meningiomas. *J Neurooncol.* 2001 Oct;55(1):1-9. PubMed PMID: 11804277.

490: Konstantinidou AE, Patsouris E, Korkolopoulou P, Kavantzias N, Mahera H, Davaris P. DNA topoisomerase IIalpha expression correlates with cell proliferation but not with recurrence in intracranial meningiomas. *Histopathology.* 2001 Oct;39(4):402-8. PubMed PMID: 11683942.

491: Korkolopoulou P, Patsouris E, Konstantinidou AE, Christodoulou P, Thomas-Tsagli E, Kouzelis K, Angelidakis D, Rologis D, Davaris P. Mitosin and DNA

topoisomerase IIalpha: two novel proliferation markers in the prognostication of diffuse astrocytoma patient survival. *Appl Immunohistochem Mol Morphol*. 2001 Sep;9(3):207-14. PubMed PMID: 11556747.

492: Korkolopoulou P, Apostolidou E, Pavlopoulos PM, Kavantzias N, Vyniou N, Thymara I, Terpos E, Patsouris E, Yataganas X, Davaris P. Prognostic evaluation of the microvascular network in myelodysplastic syndromes. *Leukemia*. 2001 Sep;15(9):1369-76. PubMed PMID: 11516097.

493: Kapaki E, Kilidireas K, Paraskevas GP, Michalopoulou M, Patsouris E. Highly increased CSF tau protein and decreased beta-amyloid (1-42) in sporadic CJD: a discrimination from Alzheimer's disease? *J Neurol Neurosurg Psychiatry*. 2001 Sep;71(3):401-3. PubMed PMID: 11511720; PubMed Central PMCID: PMC1737566.

494: Plaitakis A, Viskadouraki AK, Tzagournissakis M, Zaganas I, Verghese-Nikolakaki S, Karagiorgis V, Panagiotides I, Kilidireas C, Patsouris E, Haberler C, Budka H, Sklaviadis T. Increased incidence of sporadic Creutzfeldt-Jakob disease on the island of Crete associated with a high rate of PRNP 129-methionine homozygosity in the local population. *Ann Neurol*. 2001 Aug;50(2):227-33. PubMed PMID: 11506406.

495: Korkolopoulou P, Konstantinidou AE, Kavantzias N, Patsouris E, Pavlopoulos PM, Christodoulou P, Thomas-Tsagli E, Davaris P. Morphometric microvascular characteristics predict prognosis in superficial and invasive bladder cancer. *Virchows Arch*. 2001 Jun;438(6):603-11. PubMed PMID: 11469693.

496: Douzinas EE, Patsouris E, Kypriades EM, Makris DJ, Andrianakis I, Korkolopoulou P, Boursinos V, Papalois A, Sotiropoulou C, Davaris P, Roussos C. Hypoxaemic reperfusion ameliorates the histopathological changes in the pig brain after a severe global cerebral ischaemic insult. *Intensive Care Med*. 2001 May;27(5):905-10. PubMed PMID: 11430548.

497: Korkolopoulou PA, Angelopoulou MK, Kontopidou FN, Patsouris EV, Christodoulou PN, Kittas CN, Davaris P, Pangalis GA. Retinoblastoma gene product and P21 (WAF1, CIP1) protein expression in non Hodgkin's lymphomas: a multivariate survival analysis. *Leuk Lymphoma*. 2001 Feb;40(5-6):647-58. PubMed PMID: 11426536.

498: Korkolopoulou PA, Konstantinidou AE, Patsouris ES, Christodoulou PN,

Thomas-Tsagli EA, Davaris PS. Detection of apoptotic cells in archival tissue from diffuse astrocytomas using a monoclonal antibody to single-stranded DNA. *J Pathol.* 2001 Mar;193(3):377-82. PubMed PMID: 11241419.

499: Katsarou O, Terpos E, Patsouris E, Peristeris P, Viniou N, Kapsimali V, Karafoulidou A. Myelodysplastic features in patients with long-term HIV infection and haemophilia. *Haemophilia.* 2001 Jan;7(1):47-52. PubMed PMID: 11136381.

500: Korkolopoulou P, Angelopoulou M, Siakantari M, Mitropoulos F, Vassilakopoulos T, Zorzos H, Rassidakis G, Androulaki A, Patsouris E, Kittas C, Davaris P, Pangalis GA. Evaluation of DNA topoisomerase IIalpha expression provides independent prognostic information in non-Hodgkin's lymphomas. *Histopathology.* 2001 Jan;38(1):45-53. PubMed PMID: 11135046.

501: Korkolopoulou P, Konstantinidou AE, Christodoulou P, Patsouris E, Thomas-Tsangli E, Kapralos P, Davaris P. Apoptosis in bladder carcinomas detected with monoclonal antibody to single-stranded DNA: relation to cell cycle regulators and survival. *Urology.* 2000 Sep 1;56(3):516-20. PubMed PMID: 10962336.

502: Konstantinidou AE, Pavlopoulos PM, Patsouris E, Kaklamanis L, Davaris P. Expression of apoptotic and proliferation markers in meningiomas. *J Pathol.* 1998 Nov;186(3):325-30. PubMed PMID: 10211124.

503: Patsouris E, Laas R, Hagel C, Stavrou D. Increased proliferative activity due to necroses induced by pre-operative embolization in benign meningiomas. *J Neurooncol.* 1998 Dec;40(3):257-64. PubMed PMID: 10066099.

504: Korkolopoulou P, Angelopoulou MK, Kontopidou F, Tsenga A, Patsouris E, Thomas-Tsagli E, Kittas C, Pangalis GA. Prognostic relevance of apoptotic cell death in non-Hodgkin's lymphomas: a multivariate survival analysis including Ki67 and p53 oncoprotein expression. *Histopathology.* 1998 Sep;33(3):240-7. PubMed PMID: 9777390.

505: Korkolopoulou P, Angelopoulou MK, Kontopidou F, Tsengas A, Patsouris E, Kittas C, Pangalis GA. Prognostic implications of proliferating cell nuclear antigen (PCNA), AgNORs and P53 in non-Hodgkin's lymphomas. *Leuk Lymphoma.* 1998 Aug;30(5-6):625-36. PubMed PMID: 9711925.

506: Agapitos E, Pavlopoulos PM, Patsouris E, Davaris P. Subacute necrotizing encephalomyelopathy (Leigh's disease): a clinicopathologic study of ten cases.

Gen Diagn Pathol. 1997 Jun;142(5-6):335-41. PubMed PMID: 9228257.

507: Konstantinidou A, Patsouris E, Kavantzias N, Pavlopoulos PM, Bouropoulou V, Davaris P. Computerized determination of proliferating cell nuclear antigen expression in meningiomas. A comparison with non-automated method. Gen Diagn Pathol. 1997 Jun;142(5-6):311-6. PubMed PMID: 9228254.

508: Patsouris E, Davaki P, Kapranos N, Davaris P, Papageorgiou K. A study of apoptosis in brain tumors by in situ end-labeling method. Clin Neuropathol. 1996 Nov-Dec;15(6):337-41. PubMed PMID: 8937780.

509: Deftos C, Patsouris E, Kavantzias N, Aroni K, Agapitos E, Isaiadis D, Rapidis A, Elemenoglou J, Kittas C, Davaris P. Cystadenolymphoma of the parotid gland an immunohistochemical study of the epithelial component of twenty cases. Arch Anat Cytol Pathol. 1996;44(4):180-7. PubMed PMID: 9157827.

510: Konstantopoulos K, Androulaki A, Aessopos A, Patsouris E, Dosios TH, Psychogios A, Loukopoulos D. Pure red cell aplasia associated with true thymic hyperplasia. Hum Pathol. 1995 Oct;26(10):1160-2. PubMed PMID: 7557953.

511: Konstantopoulos K, Androulaki A, Voskaridou E, Archontis E, Kosmopoulou O, Mantzourani M, Dosios T, Karakitsos P, Patsouris E, Loukopoulos D. Accelerated phase of chronic myeloid leukemia presenting as pericardial extramedullary hematopoiesis. Ann Hematol. 1995 Jan;70(1):43-5. PubMed PMID: 7827206.

512: Vairaktaris E, Patsouris E, Papagiannopoulos N, Ragos B, Davaris P. Mycobacterial cervical lymphadenitis. A clinicopathological study of 3 cases. J Craniomaxillofac Surg. 1994 Jun;22(3):177-81. PubMed PMID: 8063911.

513: Korkolopoulou P, Pangalis GA, Patsouris E, Boussiotis VA, Kittas C. B-cell lymphoma of large multilobated type: an immunohistochemical study of 8 cases and review of the literature. Leuk Lymphoma. 1994 Mar;13(1-2):151-9. Review. PubMed PMID: 8025516.

514: Patsouris E, Engelhard M, Zwingers T, Lennert K. Lymphoepithelioid cell lymphoma (Lennert's lymphoma): clinical features derived from analysis of 108 cases. Br J Haematol. 1993 Jun;84(2):346-8. PubMed PMID: 8398842.

515: Patsouris E, Kretschmar HA, Stavrou D, Mehraein P. Cellular composition and distribution of gliomesenchymal nodules in the CNS of AIDS patients. Clin Neuropathol. 1993 May-Jun;12(3):130-7. PubMed PMID: 8391954.

516: Korkolopoulou P, Patsouris E, Pangalis G, Tsenga A, Elemenoglou J, Thomas-Tsangli E, Spandidos D, Kittas C. A comparative assessment of proliferating cell nuclear antigen, c-myc p62, and nucleolar organizer region staining in non-Hodgkin's lymphomas: a histochemical and immunohistochemical study of 200 cases. *Hum Pathol.* 1993 Apr;24(4):371-7. PubMed PMID: 7684020.

517: Preac-Mursic V, Wilske B, Patsouris E, Jauris S, Will G, Soutschek E, Rainhardt S, Lehnert G, Klockmann U, Mehraein P. Active immunization with pC protein of *Borrelia burgdorferi* protects gerbils against *B. burgdorferi* infection. *Infection.* 1992 Nov-Dec;20(6):342-9. PubMed PMID: 1293055.

518: Preac Mursic V, Patsouris E, Wilske B, Reinhardt S, Gross B, Mehraein P. Persistence of *Borrelia burgdorferi* and histopathological alterations in experimentally infected animals. A comparison with histopathological findings in human Lyme disease. *Infection.* 1990 Nov-Dec;18(6):332-41. PubMed PMID: 2076905.

519: Patsouris E, Noël H, Lennert K. Lymphoplasmacytic/lymphoplasmacytoid immunocytoma with a high content of epithelioid cells. Histologic and immunohistochemical findings. *Am J Surg Pathol.* 1990 Jul;14(7):660-70. PubMed PMID: 2356925.

520: Patsouris E, Noël H, Lennert K. Cytohistologic and immunohistochemical findings in Hodgkin's disease, mixed cellularity type, with a high content of epithelioid cells. *Am J Surg Pathol.* 1989 Dec;13(12):1014-22. PubMed PMID: 2688442.

521: Patsouris E, Noël H, Lennert K. Angioimmunoblastic lymphadenopathy--type of T-cell lymphoma with a high content of epithelioid cells. Histopathology and comparison with lymphoepithelioid cell lymphoma. *Am J Surg Pathol.* 1989 Apr;13(4):262-75. PubMed PMID: 2648876.

522: Kaiserling E, Patsouris E, Müller-Hermelink HK, Wichterich D, Lennert K. Bacterial lymphadenitis with the picture of a lymphoepithelioid cell lymphoma--Lennert's lymphoma. *Histopathology.* 1989 Feb;14(2):161-78. PubMed PMID: 2707749.

523: Aroni K, Fotiou G, Liossi A, Patsouris E, Agapitos E. [Comparative immunohistochemical study of lysozyme and lactoferrin in human neonate and adult parotid glands]. *Odontostomatol Proodos.* 1988 Oct;42(5):371-5. Greek, Modern.

PubMed PMID: 3152609.

524: Patsouris E, Stocker U, Kallmeyer V, Keiditsch E, Mehraein P, Stavrou D. Relationship between Ki-67 positive cells, growth rate and histological type of human intracranial tumors. *Anticancer Res.* 1988 Jul-Aug;8(4):537-44. PubMed PMID: 3052245.

525: Patsouris E, Noël H, Lennert K. Histological and immunohistological findings in lymphoepithelioid cell lymphoma (Lennert's lymphoma). *Am J Surg Pathol.* 1988 May;12(5):341-50. PubMed PMID: 2452579.

526: Davaris P, Andrulakakis F, Patsouris E, Fitisa R, Papacharalampous NX Jr. [Experimental administration of di-N-butyl-nitrosamine (DBN) in rats. Carcinogenic activity in the urinary bladder]. *Zentralbl Allg Pathol.* 1983;127(1-2):105-8. German. PubMed PMID: 6858417.

527: Nicolopoulos NG, Patsouris ES. Chronic anicteric intrahepatic cholestasis associated with ankylosing spondylitis. Beneficial treatment by clofibrate. *Digestion.* 1982;24(1):69-72. PubMed PMID: 7128953.