

PUBLICATIONS 2014

ORIGINAL PUBLICATIONS AND REVIEWS

- 1) Alevizopoulos, K.; **Calogeropoulou, T.**; Lang, F.; Stournaras, C. Na⁺/K⁺ ATPase Inhibitors in Cancer. *Curr. Drug Targets* (2014), 15 (10), 988–1000. <https://doi.org/10.2174/1389450115666140908125025>
- 2) Amadei, D.; Chatzidaki, M. D.; Devienne, J.; Monteil, J.; Cansell, M.; **Xenakis, A.**; Leal-Calderon, F. Low Shear-Rate Process to Obtain Transparent W/O Fine Emulsions as Functional Foods. *Food Res. Int.* (2014), 62, 533–540. <https://doi.org/10.1016/j.foodres.2014.03.069>.
- 3) Caporaso, M.; Cravotto, G.; Georgakopoulos, S.; **Heropoulos, G.**; Martina, K.; Tagliapietra, S. Pd/C-Catalyzed Aerobic Oxidative Esterification of Alcohols and Aldehydes: A Highly Efficient Microwave-Assisted Green Protocol. *Beilstein J. Org. Chem.* (2014), 10, 1454–1461. <https://doi.org/10.3762/bjoc.10.149>.
- 4) Cevenini, E.; Cotichini, R.; Stazi, M. A.; Toccaceli, V.; Palmas, M. G.; Capri, M.; De Rango, F.; Dato, S.; Passarino, G.; Jeune, B.; Franceschi, C.; **Gonos E.S.** Health Status and 6 Years Survival of 552 90+ Italian Sib-Ships Recruited within the EU Project GEHA (GEnetics of Healthy Ageing). *Age (Omaha)*. 2014, 36 (2), 949–966 <https://doi.org/10.1007/s11357-013-9604-1>
- 5) Chadeau-Hyam, M.; Vermeulen, R. C. H.; Hebels, D. G. A. J.; Castagne, R.; Campanella, G.; Portengen, L.; Kelly, R. S.; Bergdahl, I. A.; Melin, B.; Hallmans, G.; Palli, D.; Krogh, V.; Tumino, R.; Sacerdote, C.; Panico, S.; de Kok, T. M. C. M.; Smith, M. T.; Kleinjans, J. C. S.; Vineis, P.; **Kyrtopoulos, S. A.** Prediagnostic Transcriptomic Markers of Chronic Lymphocytic Leukemia Reveal Perturbations 10 Years before Diagnosis. *Ann. Oncol.* (2014), 25 (5), 1065–1072. <https://doi.org/10.1093/annonc/mdu056>.
- 6) Chantzi, N. I.; Palaiologou, M.; Stylianidou, A.; Goutas, N.; Vassilaros, S.; Kourea, H. P.; Dhimolea, E.; **Mitsiou, D. J.**; Tiniakos, D. G.; **Alexis N.M., I. N.** Estrogen Receptor Beta 2 Is Inversely Correlated with Ki-67 in Hyperplastic and Noninvasive Neoplastic Breast Lesions. *J. Cancer Res. Clin. Oncol.* (2014), 140 (6), 1057–1066. <https://doi.org/10.1007/s00432-014-1652-0>.
- 7) **Chondrogianni, N.**; Sakellari, M.; Lefaki, M.; Papaevgeniou, N.; **Gonos, E. S.** Proteasome Activation Delays Aging in Vitro and in Vivo. *Free Radic. Biol. Med.* (2014), 71, 303–320. <https://doi.org/10.1016/j.freeradbiomed.2014.03.031>.
- 8) **Chondrogianni, N.**; Petropoulos, I.; Grimm, S.; Georgila, K.; Catalgol, B.; Friguet, B.; Grune, T.; **Gonos, E. S.** Protein Damage, Repair and Proteolysis. *Mol. Aspects Med.* (2014), 35, 1–71. <https://doi.org/10.1016/j.mam.2012.09.001>.

- 9) Czifrak, K.; Pahi, A.; Deak, S.; Kiss-Szikszai, A.; Koeber, K. E.; Docsa, T.; Gergely, P.; Alexacou, K. M.; Papakonstantinou, M.; Leonidas, D. D.; **Zographos, S. E.; Chrysina, E. D.**; Somsak, L. Glucopyranosylidene-Spiro-Iminothiazolidinone, a New Bicyclic Ring System: Synthesis, Derivatization, and Evaluation for Inhibition of Glycogen Phosphorylase by Enzyme Kinetic and Crystallographic Methods. *Bioorg. Med. Chem.* (2014), 22 (15), 4028–4041. <https://doi.org/10.1016/j.bmc.2014.05.076>.
- 10) Dimas, K.; Papadopoulou, N.; Baskakis, C.; Prousis, K. C.; Tsakos, M.; Alkahtani, S.; Honisch, S.; Lang, F.; **Calogeropoulou, T.**; Alevizopoulos, K.; Stournaras, C. Steroidal Cardiac Na⁺/K⁺ ATPase Inhibitors Exhibit Strong Anti-Cancer Potential in Vitro and in Prostate and Lung Cancer Xenografts in Vivo. *Anticancer. Agents Med. Chem.* (2014), 14 (5), 762–770. <https://doi.org/10.2174/18715206113136660338>.
- 11) Ferraro, A.; Boni, T.; **Pintzas, A.** EZH2 Regulates Cofilin Activity and Colon Cancer Cell Migration by Targeting ITGA2 Gene. *PLoS One* (2014), 9 (12). <https://doi.org/10.1371/journal.pone.0115276>.
- 12) Ferraro, A.; Kontos, C. K.; Boni, T.; Bantounas, I.; Siakouli, D.; **Kosmidou, V.**; Vlassi, M.; Spyridakis, Y.; Tsipras, I.; Zografos, G.; **Pintzas, A.** Epigenetic Regulation of MiR-21 in Colorectal Cancer: ITGB4 as a Novel MiR-21 Target and a Three-Gene Network (MiR-21-ITGBeta4-PDCD4) as Predictor of Metastatic Tumor Potential. *Epigenetics* (2014), 9 (1), 129–141. <https://doi.org/10.4161/epi.26842>.
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- 14) Gkatzamanidou, M.; Terpos, E.; Bamia, C.; **Kyrtopoulos, S. A.**; Sfrikakis, P. P.; Dimopoulos, M. A.; **Souliotis, V. L.** Progressive Changes in Chromatin Structure and DNA Damage Response Signals in Bone Marrow and Peripheral Blood during Myelomagenesis. *Leukemia* (2014), 28 (5), 1113–1121. <https://doi.org/10.1038/leu.2013.284>.
- 15) Goyard, D.; Chajistamatiou, A. S.; Sotiropoulou, A. I.; **Chrysina, E. D.**; Praly, J. P.; Vidal, S. Efficient Atropodiastereoselective Access to 5,5'- Bis-1,2,3triazoles: Studies on 1-Glucosylated 5-Halogeno 1,2,3-Triazoles and Their 5-Substituted Derivatives as Glycogen Phosphorylase Inhibitors. *Chem. Eur. J.* (2014), 20 (18), 5423–5432. <https://doi.org/10.1002/chem.201304989>.
- 16) Hebels, D. G. A. J.; van Herwijnen, M. H. M.; Brauers, K. J. J.; de Kok, T. M. C. M.; Chalkiadaki, G.; **Kyrtopoulos, S. A.**; Kleinjans, J. C. S. Elimination of Heparin Interference during Microarray Processing of Fresh and Biobank-Archived Blood Samples. *Environ. Mol. Mutagen.* (2014), 55 (6), 482–491. <https://doi.org/10.1002/em.21869>.
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23) **Kosmidou, V.**; Oikonomou, E.; Vlassi, M.; Avlonitis, S.; Katseli, A.; Tsipras, I.; Mourtzoukou, D.; Kontogeorgos, G.; **Zografos, G.**; **Pintzas, A.** Tumor Heterogeneity Revealed by KRAS, BRAF, and PIK3CA Pyrosequencing: KRAS and PIK3CA Intratumor Mutation Profile Differences and Their Therapeutic Implications. *Hum. Mutat.* (2014), 35 (3), 329–340. <https://doi.org/10.1002/humu.22496>.

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Biochemical and Biological Assessment of Novel N-Acyl-Beta-D-Glucopyranosylamines. *Bioorg. Med. Chem.* (2014), 22 (17), 4810–4825. <https://doi.org/10.1016/j.bmc.2014.06.058>.

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