

2012

1. Varvogli, A.-A.C., **Fylaktakidou, K.C.**, Farmaki, T., Stefanakis, J.G., Koumbis, A.E. Versatile synthesis of 1-O-(1 ω -aminolauryl)-I(4,5)P 2 (2012) *European Journal of Organic Chemistry*, (29), pp. 5855-5862.
2. Kokkinidis, M., **Glykos, N.M.**, Fadoulglou, V.E. Protein flexibility and enzymatic catalysis (2012) *Advances in Protein Chemistry and Structural Biology*, 87, pp. 181-218.
3. Lanitis, E., Dangaj, D., Hagemann, I.S., Song, D.-G., Best, A., **Sandaltzopoulos, R.**, Coukos, G., Powell Jr., D.J. Primary Human Ovarian Epithelial Cancer Cells Broadly Express HER2 at Immunologically-Detectable Levels (2012) *PLoS ONE*, 7 (11), art. no. e49829.
4. Lanitis, E., Poussin, M., Hagemann, I.S., Coukos, G., **Sandaltzopoulos, R.**, Scholler, N., Powell Jr., D.J. Redirected antitumor activity of primary human lymphocytes transduced with a fully human anti-mesothelin chimeric receptor (2012) *Molecular Therapy*, 20 (3), pp. 633-643.
5. Stathias, V., Sotiris, G.R., Karagiannidis, I., Bourikas, G., Martinis, G., Papazoglou, D., Tavridou, A., Papanas, N., Maltezos, E., Theodoridis, M., Vargemezis, V., Manolopoulos, V.G., Speed, W.C., Kidd, J.R., Kidd, K.K., Drineas, P., **Paschou, P.** Exploring Genomic Structure Differences and Similarities between the Greek and European HapMap Populations: Implications for Association Studies (2012) *Annals of Human Genetics*, 76 (6), pp. 472-483.
6. Iordanidou, M., Paraskakis, E., Tavridou, A., **Paschou, P.**, Chatzimichael, A., Manolopoulos, V.G. G894T polymorphism of eNOS gene is a predictor of response to combination of inhaled corticosteroids with long-lasting 2-agonists in asthmatic children (2012) *Pharmacogenomics*, 13 (12), pp. 1363-1372.
7. Karagiannidis, I., Rizzo, R., Tarnok, Z., Wolanczyk, T., Hebebrand, J., Nöthen, M.M., Lehmkuhl, G., Farkas, L., Nagy, P., Barta, C., Szymanska, U., Panteloglou, G., Miranda, D.M., Feng, Y., Sandor, P., Barr, C., **Paschou, P.** Replication of association between a SLITRK1 haplotype and Tourette Syndrome in a large sample of families (2012) *Molecular Psychiatry*, 17 (7), pp. 665-668.
8. **Paschou, P.**, Stylianopoulou, E., Karagiannidis, I., Rizzo, R., Tarnok, Z., Wolanczyk, T., Hebebrand, J., Nöthen, M.M., Lehmkuhl, G., Farkas, L., Nagy, P., Szymanska, U., Lykidis, D., Androutsos, C., Tsironi, V., Koumoula, A., Barta, C., Klidonas, S., Ypsilantis, P., Simopoulos, C., **Skavdis, G.**, **Grigoriou, M.** Evaluation of the LIM homeobox genes LHX6 and LHX8 as candidates for Tourette syndrome (2012) *Genes, Brain and Behavior*, 11 (4), pp. 444-451.
9. Donnelly, M.P., **Paschou, P.**, Grigorenko, E., Gurwitz, D., Barta, C., Lu, R.-B., Zhukova, O.V., Kim, J.-J., Siniscalco, M., New, M., Li, H., Kajuna, S.L.B., Manolopoulos, V.G., Speed, W.C., Pakstis, A.J., Kidd, J.R., Kidd, K.K. A global view of the OCA2-HERC2 region and pigmentation (2012) *Human Genetics*, 131 (5), pp. 683-696.
10. Karamitros, T., Kakkanas, A., Katsoulidou, A., Sypsa, V., Dalagiorgou, G., **Mavromara, P.**, Hatzakis, A. Detection of specific antibodies to HCV-ARF/CORE+1 protein in patients treated with pegylated interferon plus ribavirin (2012) *Journal of Viral Hepatitis*, 19 (3), pp. 182-188.
11. Domvri, K., Zarogoulidis, P., Porpodis, K., **Koffa, M.**, Lambropoulou, M., Kakolyris, S., Kolios, G., Zarogoulidis, K., Chatzaki, E. Gene therapy in liver

- diseases: State-of-the-art and future perspectives (2012) *Current Gene Therapy*, 12 (6), pp. 463-483.
12. Kambas, K., Mitroulis, I., Apostolidou, E., Girod, A., Chrysanthopoulou, A., Pneumatikos, I., Skendros, P., Kourtzelis, I., **Koffa, M.**, Kotsianidis, I., Ritis, K. Autophagy Mediates the Delivery of Thrombogenic Tissue Factor to Neutrophil Extracellular Traps in Human Sepsis (2012) *PLoS ONE*, 7 (9), art. no. e45427.
 13. Deftereou, T.-E., Lambropoulou, M., Chatzaki, E., **Koffa, M.**, Ypsilantis, P., Pagonopoulou, O., Grammatikopoulou, I., Papadopoulos, E., Papalambros, A., Kontomanolis, E., Papadopoulos, N. Increased apoptotic activity on inflammatory human placentas in spontaneous abortions during the first and second trimester of gestation: A histochemical and immunohistochemical study (2012) *Folia Histochemica et Cytobiologica*, 50 (1), pp. 118-124.
 14. Stylianopoulou, E., Lykidis, D., Ypsilantis, P., Simopoulos, C., **Skavdis, G., Grigoriou, M.** A rapid and highly sensitive method of non Radioactive colorimetric in Situ Hybridization for the detection of mRNA on tissue sections (2012) *PLoS ONE*, 7 (3), art. no. e33898. Cited 1 time.
 15. Tsiamita, M., Pavlaki, M., Toloudi, M., Tiptiri-Kourpeti, A., Drossou, V., Apostolou, P., Chatziioannou, M., Ioannou, E., Papatotiriou, I., **Chlichlia, K.** Development of a sensitive cost-effective capture ELISA for detection of murine monoclonal antibodies - correlation with SPR biosensor technology (2012) *Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry*, 11 (2), pp. 173-181.
 16. Bogiatzi, S.I., Guillot-Delost, M., Cappuccio, A., Bichet, J.-C., Chouchane-Mlik, O., Donnadieu, M.-H., Barillot, E., Hupé, P., **Chlichlia, K.**, Efremidou, E.I., Aractingi, S., Bayrou, O., Soumelis, V. Multiple-checkpoint inhibition of thymic stromal lymphopoietin-induced T H2 response by T H17-related cytokines (2012) *Journal of Allergy and Clinical Immunology*, 130 (1), pp. 233-240.e5.
 17. Sim, E., Fakis, G., Laurieri, N., **Boukouvala, S.** Arylamine N-Acetyltransferases - from Drug Metabolism and Pharmacogenetics to Identification of Novel Targets for Pharmacological Intervention (2012) *Advances in Pharmacology*, 63, pp. 169-205.
 18. Begea, M., Sirbu, A., **Kourkoutas, Y.**, Dima, R. Single-cell protein production of *Candida* strains in culture media based on vegetal oils (2012) *Romanian Biotechnological Letters*, 17 (6), pp. 7776-7786.
 19. Saxami, G., Ypsilantis, P., Sidira, M., Simopoulos, C., **Kourkoutas, Y., Galanis, A.** Distinct adhesion of probiotic strain *Lactobacillus casei* ATCC 393 to rat intestinal mucosa (2012) *Anaerobe*, 18 (4), pp. 417-420.
 20. Koutinas, A.A., Sypsas, V., Kandyli, P., Michelis, A., Bekatorou, A., **Kourkoutas, Y.**, Kordulis, C., Lycourghiotis, A., Banat, I.M., Nigam, P., Marchant, R., Giannouli, M., Yianoulis, P. Nano-tubular cellulose for bioprocess technology development (2012) *PLoS ONE*, 7 (4), art. no. e34350.
 21. Ziech, D., Anastopoulos, I., Hanafi, R., Voulgaridou, G.P., Franco, R., Georgakilas, A.G., **Pappa, A.**, Panayiotidis, M.I. Pleiotrophic effects of natural products in ROS-induced carcinogenesis: The role of plant-derived natural products in oral cancer chemoprevention (2012) *Cancer Letters*, 327 (1-2), pp. 16-25.

22. Garcia-Garcia, A., Rodriguez-Rocha, H., Madayiputhiya, N., **Pappa, A.**, Panayiotidis, M.I., Franco, R. Biomarkers of protein oxidation in human disease (2012) *Current Molecular Medicine*, 12 (6), pp. 681-697.
23. Hanafi, R., Anestopoulos, I., Voulgaridou, G.P., Franco, R., Georgakilas, A.G., Ziech, D., Malamou-Mitsi, V., **Pappa, A.**, Panayiotidis, M.I. Oxidative stress based-biomarkers in oral carcinogenesis: How far have we gone? (2012) *Current Molecular Medicine*, 12 (6), pp. 698-703.
24. Black, W., Chen, Y., Matsumoto, A., Thompson, D.C., Lassen, N., **Pappa, A.**, Vasiliou, V. Molecular mechanisms of ALDH3A1-mediated cellular protection against 4-hydroxy-2-nonenal (2012) *Free Radical Biology and Medicine*, 52 (9), pp. 1937-1944.
25. Jester, J.V., Brown, D., **Pappa, A.**, Vasiliou, V. Myofibroblast differentiation modulates keratocyte crystallin protein expression, concentration, and cellular light scattering (2012) *Investigative Ophthalmology and Visual Science*, 53 (2), pp. 770-778.
26. Kaltsas, D., Panayiotou, E., Trichas, A., **Chatzaki, M.**, Mylonas, M. Co-occurrence patterns and shaping processes of assembly in beetle and spider communities in eastern Mediterranean maquis formations (2012) *Journal of Biological Research (Greece)*, 18, pp. 187-197.
27. Pereira, N.B., Kalapothakis, E., Vasconcelos, A.C., **Chatzaki, M.**, Campos, L.P., Vieira, F.O., Verçosa, B.L.A., Silva, S.S., Ferreira, W.M., Moro, L. Histopathological characterization of experimentally induced cutaneous loxoscelism in rabbits inoculated with *Loxosceles similis* venom (2012) *Journal of Venomous Animals and Toxins Including Tropical Diseases*, 18 (3), pp. 277-286.
28. **Chatzaki, M.**, Horta, C.C., Almeida, M.O., Pereira, N.B., Mendes, T.M., Dias-Lopes, C., Guimarães, G., Moro, L., Chávez-Olórtegui, C., Horta, M.C.R., Kalapothakis, E. Cutaneous loxoscelism caused by *Loxosceles similis* venom and neutralization capacity of its specific antivenom (2012) *Toxicon*, 60 (1), pp. 21-30.
29. **Boulougouris, G. C.** (2012). "On the Estimation of the Free Energy, From a Single Equilibrium Statistical Ensemble, via Particle Reinsertion." *J. Phys. Chem. B* 116(3): 997-1006.