

2011

1. **Fylaktakidou, K.C.**, Duarte, C.D., Jogireddy, R., Koumbis, A.E., Nicolau, C., Lehn, J.-M. Polyphosphates and Pyrophosphates of Pentopyranoses and Pentofuranoses as Allosteric Effectors of Human Hemoglobin: Synthesis, Molecular Recognition, and Oxygen Release (2011) *ChemMedChem*, 6 (8), pp. 1495-1508.
2. Aprahamian, M., Bour, G., Akladios, C.Y., **Fylaktakidou, K.**, Greferath, R., Soler, L., Marescaux, J., Egly, J.-M., Lehn, J.-M., Nicolau, C. Myo-InositolTrisPyroPhosphate Treatment Leads to HIF-1 α Suppression and Eradication of Early Hepatoma Tumors in Rats (2011) *ChemBioChem*, 12 (5), pp. 777-783.
3. **Fylaktakidou, K.C.**, Duarte, C.D., Koumbis, A.E., Nicolau, C., Lehn, J. Polyphosphates and Pyrophosphates of Hexopyranoses as Allosteric Effectors of Human Hemoglobin: Synthesis, Molecular Recognition, and Effect on Oxygen Release (2011) *ChemMedChem*, 6 (1), pp. 153-168.
4. Georgoulia, P.S., **Glykos, N.M.** Using J-coupling constants for force field validation: Application to hepta-alanine (2011) *Journal of Physical Chemistry B*, 115 (51), pp. 15221-15227.
5. Patapati, K.K., **Glykos, N.M.** Three force fields views of the 3₁₀ helix (2011) *Biophysical Journal*, 101 (7), pp. 1766-1771.
6. **Glykos, N.M.** On the application of structure-specific bulk - Solvent models (2011) *Acta Crystallographica Section D: Biological Crystallography*, 67 (8), pp. 739-741.
7. **Glykos, N.M.** The 11th misconception? (2011) *CBE Life Sciences Education*, 10 (1), pp. 1-2.
8. Dangaj, D., Abbott, K.L., Mookerjee, A., Zhao, A., Kirby, P.S., **Sandaltzopoulos, R.**, Powell, D.J., Lamazière, A., Siegel, D.L., Wolf, C., Scholler, N. Mannose receptor (MR) engagement by mesothelin GPI anchor polarizes tumor-associated macrophages and is blocked by anti-MR human recombinant antibody (2011) *PLoS ONE*, 6 (12), art. no. e28386.
9. Karapetsas, A., Giannakakis, A., Pavlaki, M., Panayiotidis, M., **Sandaltzopoulos, R.**, **Galanis, A.** Biochemical and molecular analysis of the interaction between ERK2 MAP kinase and hypoxia inducible factor-1 α (2011) *International Journal of Biochemistry and Cell Biology*, 43 (11), pp. 1582-1590.
10. Sasaroli, D., Gimotty, P.A., Pathak, H.B., Hammond, R., Kougioumtzidou, E., Katsaros, D., Buckanovich, R., Devarajan, K., **Sandaltzopoulos, R.**, Godwin, A.K., Scholler, N., Coukos, G. Novel surface targets and serum biomarkers from the ovarian cancer vasculature (2011) *Cancer Biology and Therapy*, 12 (3), pp. 169-180.
11. Javed, A., Drineas, P., Mahoney, M.W., **Paschou, P.** Efficient Genomewide Selection of PCA-Correlated tSNPs for Genotype Imputation (2011) *Annals of Human Genetics*, 75 (6), pp. 707-722.
12. Lewis, J., Abas, Z., Dadousis, C., Lykidis, D., **Paschou, P.**, Drineas, P. Tracing cattle breeds with principal components analysis ancestry informative SNPs (2011) *PLoS ONE*, 6 (4), art. no. e18007.
13. Verdellen, C., Van De Griendt, J., Hartmann, A., Murphy, T., Androutsos, C., Aschauer, H., Baird, G., Bos-Veneman, N., Brambilla, A., Cardona, F., Cath, D.C., Cavanna, A.E., Czernecki, V., Dehning, S., Eapter, A., Farkas, L., Gadaros, J., Hauser, E., Heyman, I., Hedderly, T., Hoekstra, P.J., Korsgaard, A., Jackson, G.M., Larsson, L., Ludolph, A.G., Martino, D., Menghetti, C., Debes, N.M., Muller, N.,

- Muller-Vahl, K., Munchau, A., Musil, R., Nagy, P., Nurnberger, J., Oostra, B., **Paschou, P.**, Pasquini, M., Plessen, K.J., Porta, M., Rickards, H., Rizzo, R., Robertson, M.M., Roessner, V., Rothenberger, A., Servello, D., Skov, L., Stern, J.S., Strand, G., Tarnok, Z., Termine, C., Visser-Vandewalle, V., Wannag, E., Wolanczyck, T. European clinical guidelines for Tourette syndrome and other tic disorders. Part III: Behavioural and psychosocial interventions (2011) *European Child and Adolescent Psychiatry*, 20 (4), pp. 197-207.
14. Roessner, V., Plessen, K.J., Rothenberger, A., Ludolph, A.G., Rizzo, R., Skov, L., Strand, G., Stern, J.S., Termine, C., Hoekstra, P.J., Androutsos, C., Aschauer, H., Baird, G., Bos-Veneman, N., Brambilla, A., Cardona, F., Cath, D.C., Cavanna, A.E., Czernecki, V., Dehning, S., Eapter, A., Farkas, L., Gadaros, J., Hartmann, A., Hauser, E., Heyman, I., Hedderly, T., Korsgaard, A., Jackson, G.M., Larsson, L., Martino, D., Menghetti, C., Debes, N.M., Muller, N., Muller-Vahl, K., Munchau, A., Murphy, T., Musil, R., Nagy, P., Nurnberger, J., Oostra, B., **Paschou, P.**, Pasquini, M., Porta, M., Rickards, H., Robertson, M.M., Servello, D., Tarnok, Z., Van Der Griendt, J., Verdellen, C., Visser-Vandewalle, V., Wannag, E., Wolanczyck, T. European clinical guidelines for Tourette syndrome and other tic disorders. Part II: Pharmacological treatment (2011) *European Child and Adolescent Psychiatry*, 20 (4), pp. 173-196
 15. Cath, D.C., Hedderly, T., Ludolph, A.G., Stern, J.S., Murphy, T., Hartmann, A., Czernecki, V., Robertson, M.M., Martino, D., Munchau, A., Rizzo, R., Androutsos, C., Aschauer, H., Baird, G., Bos-Veneman, N., Brambilla, A., Cardona, F., Cavanna, A., Dehning, S., Eapter, A., Farkas, L., Gadaros, J., Hauser, E., Heyman, I., Hoekstra, P.J., Korsgaard, A., Jackson, G.M., Larsson, L., Menghetti, C., Debes, N.M., Muller, N., Muller-Vahl, K., Munchau, A., Musil, R., Nagy, P., Nurnberger, J., Oostra, B., **Paschou, P.**, Pasquini, M., Plessen, K.J., Porta, M., Rickards, H., Rizzo, R., Roessner, V., Rothenberger, A., Servello, D., Skov, L., Strand, G., Tarnok, Z., Termine, C., Van Der Griendt, J., Verdellen, C., Visser-Vandewalle, V., Wannag, E., Wolanczyck, T. European clinical guidelines for Tourette Syndrome and other tic disorders. Part I: Assessment (2011) *European Child and Adolescent Psychiatry*, 20 (4), pp. 155-171.
 16. Müller-Vahl, K.R., Cath, D.C., Cavanna, A.E., Dehning, S., Porta, M., Robertson, M.M., Visser-Vandewalle, V., Androutsos, C., Aschauer, H., Baird, G., Bos-Veneman, N., Brambilla, A., Cardona, F., Czernecki, V., Eapter, A., Farkas, L., Gadaros, J., Hartmann, A., Hauser, E., Heyman, I., Hedderly, T., Hoekstra, P.J., Korsgaard, A., Jackson, G.M., Larsson, L., Ludolph, A.G., Martino, D., Menghetti, C., Debes, N.M., Muller, N., Munchau, A., Murphy, T., Musil, R., Nagy, P., Nurnberger, J., Oostra, B., **Paschou, P.**, Pasquini, M., Plessen, K.J., Rickards, H., Rizzo, R., Roessner, V., Rothenberger, A., Servello, D., Skov, L., Stern, J.S., Strand, G., Tarnok, Z., Termine, C., Van Der Griendt, J., Verdellen, C., Wannag, E., Wolanczyck, T. European clinical guidelines for Tourette syndrome and other tic disorders. Part IV: Deep brain stimulation (2011) *European Child and Adolescent Psychiatry*, 20 (4), pp. 209-217.
 17. Dalagiorgou, G., Vassilaki, N., Foka, P., Boumlic, A., Kakkanas, A., Kochlios, E., Khalili, S., Aslanoglou, E., Veletza, S., Orfanoudakis, G., Vassilopoulos, D., Hadziyannis, S.J., Koskinas, J., **Mavromara, P.** High levels of HCV core+1 antibodies in HCV patients with hepatocellular carcinoma (2011) *Journal of General Virology*, 92 (6), pp. 1343-1351.

18. Budkowska, A., Kakkanas, A., Nerrienet, E., Kalinina, O., Maillard, P., Horm, S.V., Dalagiorgou, G., Vassilaki, N., Georgopoulou, U., Martinot, M., Sall, A.A., **Mavromara, P.** Synonymous mutations in the core gene are linked to unusual serological profile in hepatitis C virus infection (2011) PLoS ONE, 6 (1), art. no. e15871.
19. Serti, E., Doumba, P.P., Thyphronitis, G., Tsitoura, P., Katsarou, K., Foka, P., Konstandoulakis, M.M., Koskinas, J., **Mavromara, P.**, Georgopoulou, U. Modulation of IL-2 expression after uptake of hepatitis C virus non-enveloped capsid-like particles: The role of p38 kinase (2011) Cellular and Molecular Life Sciences, 68 (3), pp. 505-522.
20. Boumlis, A., Vassilaki, N., Dalagiorgou, G., Kochlios, E., Kakkanas, A., Georgopoulou, U., Markoulatos, P., Orfanoudakis, G., **Mavromara, P.** Internal translation initiation stimulates expression of the ARF/core+1 open reading frame of HCV genotype 1b (2011) Virus Research, 155 (1), pp. 213-220.
21. Polytarchou, C., Iliopoulos, D., Hatziapostolou, M., Kottakis, F., **Maroulakou, I.**, Struhl, K., Tschlis, P.N. Akt2 regulates all Akt isoforms and promotes resistance to hypoxia through induction of miR-21 upon oxygen deprivation (2011) Cancer Research, 71 (13), pp. 4720-4731.
22. Tsakiris, A., Sotirakoglou, K., Kandyliis, P., Kaldis, P., Tzia, C., **Kourkoutas, Y.** Price estimation and economic evaluation of the production cost of red wines produced by immobilized cells on dried raisin berries (2011) International Journal of Wine Research, 3 (1), pp. 1-8.
23. Kandyliis, P., Vekiari, A.S., Kanellaki, M., Grati Kamoun, N., Msallem, M., **Kourkoutas, Y.** Comparative study of extra virgin olive oil flavor profile of Koroneiki variety (*Olea europaea* var. *Microcarpa alba*) cultivated in Greece and Tunisia during one period of harvesting (2011) LWT - Food Science and Technology, 44 (5), pp. 1333-1341.
24. Hondrodinou, O., **Kourkoutas, Y.**, Panagou, E.Z. Efficacy of natamycin to control fungal growth in natural black olive fermentation (2011) Food Microbiology, 28 (3), pp. 621-627.
25. Nikolaou, A., Saxami, G., **Kourkoutas, Y.**, Galanis, A. A new methodology for rapid detection of *Lactobacillus delbrueckii* subsp. *bulgaricus* based on multiplex PCR (2011) Journal of Microbiological Methods, 84 (2), pp. 362-364.
26. Sidira, M., **Galanis, A.**, Ypsilantis, P., Karapetsas, A., Progaki, Z., Simopoulos, C., **Kourkoutas, Y.** Effect of probiotic-Fermented milk administration on gastrointestinal survival of *Lactobacillus casei* ATCC 393 and modulation of intestinal microbial flora (2011) Journal of Molecular Microbiology and Biotechnology, 19 (4), pp. 224-230.
27. Ziech, D., Franco, R., **Pappa, A.**, Panayiotidis, M.I. Reactive Oxygen Species (ROS)--Induced genetic and epigenetic alterations in human carcinogenesis (2011) Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 711 (1-2), pp. 167-173.
28. Voulgaridou, G.-P., Anestopoulos, I., Franco, R., Panayiotidis, M.I., **Pappa, A.** DNA damage induced by endogenous aldehydes: Current state of knowledge (2011) Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 711 (1-2), pp. 13-27.

29. Kokkinos, P., Ziros, P., Meri, D., Filippidou, S., Kolla, S., **Galanis, A.**, Vantarakis, A. Environmental surveillance. An additional/alternative approach for virological surveillance in Greece? (2011) *International Journal of Environmental Research and Public Health*, 8 (6), pp. 1914-1922.
30. Kokkinos, P.A., Ziros, P.G., Mpalasopoulou, G., **Galanis, A.**, Vantarakis, A. Molecular detection of multiple viral targets in untreated urban sewage from Greece (2011) *Virology Journal*, 8, art. no. 195.
31. Schröder, M., **Chatzaki, M.**, Buchholz, S. The spider fauna of the Aladjagiola wetland complex (Nestos Delta, north-east Greece): A reflection of a unique zoogeographical transition zone in Europe (2011) *Biological Journal of the Linnean Society*, 102 (1), pp. 217-233.
32. Lempeis, N., D. G. Tsalikis, et al. (2011). "Lumping analysis for the prediction of long-time dynamics: From monomolecular reaction systems to inherent structure dynamics of glassy materials." *Journal of Chemical Physics* 135(20): 17.