

ΔΗΜΟΣΙΕΥΣΕΙΣ ΑΠΟ ΤΟ ΠΜΣ2

1. Pliaka V, Kyriakopoulou Z, **Tsakogiannis D**, Ruether IG, Gartzonika C, Levidiotou-Stefanou S, Krikelis A, Markoulatos P. **2010**. Correlation of mutations and recombination with growth kinetics of poliovirus vaccine strains. *Eur J Clin Microbiol Infect Dis*. 29(12):1513-1523.
2. Pliaka V, Dedepsidis E, Kyriakopoulou Z, Mpirli K, **Tsakogiannis D**, Pratti A, Levidiotou-Stefanou S, Markoulatos P. **2010**. A new RT-PCR assay for the identification of the predominant recombination types in 2C and 3D genomic regions of vaccine-derived poliovirus strains. *Mol Cell Probes*. 24(3):115-123.
3. Kyriakopoulou Z, Dedepsidis E, Pliaka V, **Tsakogiannis D**, Pratti A, Levidiotou-Stefanou S, Markoulatos P. **2010**. Full-genome sequence analysis of a multirecombinant echovirus 3 strain isolated from sewage in Greece. *J Clin Microbiol*. 48(5):1513-1519.
4. Pliaka V, Achilleos C, Kyriakopoulou Z, **Tsakogiannis D**, Ruether IG, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2010**. Determination of antigenic properties of vaccine derived poliovirus strains. *Vaccine*. 29(1):26-33.
5. Pliaka V, **Filliponi ME**, Kyriakopoulou Z, Ruether IG, **Tsakogiannis D**, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2011**. Retrospective molecular and phenotypic analysis of poliovirus vaccine strains isolated in Greece. *Clin Microbiol Infect*. 17(10):1554-1562.
6. Kyriakopoulou Z, Dedepsidis E, Pliaka V, **Tsakogiannis D**, Ruether IGA, Krikelis A, Markoulatos P. **2011**. Complete nucleotide sequence analysis of the VPI genomic region of Echoviruses 6 isolated from sewage in Greece revealed 98% similarity with Echoviruses 6 that were characterized from an aseptic meningitis outbreak 1 year later. *Clinical microbiology and infection*, 17 (8): 1170-1173.
7. Tsoukala E, Tzioumaki N, Manta S, **Riga A**, Balzarini J, Komiotis D. **2010**. Synthesis of 3-fluoro-6-S-(2-S-pyridyl) nucleosides as potential lead cytostatic agents. *Bioorganic Chemistry* 38(6):285-293.
8. Vasilopoulos Y, Sarafidou T, Bagiatis V, **Skriapa L**, Goutzelas Y, Pervanidou P, Lazopoulou N, Chrousos GP, Mamuris Z. **2011**. Association between polymorphisms in MTHFR and APOA5 and metabolic syndrome in the Greek population. *Genet Test Mol Biomarkers*. 15(9): 613-617.
9. Vasilopoulos Y, Bagiatis V, **Stamatopoulou D**, Zisopoulos D, Alexiou I, Sarafidou T, Settas L, Sakkas L, Mamouris Z. **2011**. Association of anti-CCP positivity and carriage of TNFR2 susceptibility variant with anti-TNF- α response in rheumatoid arthritis. *Clin Exp Rheumatol*. 29(4):701-704.

10. Maragozidis P, **Karangeli M**, Labrou M, Dimoulou G, Papaspyrou K, Salataj E, Pournaras S, Matsouka P, Gourgoulianis KI, Balatsos NA. **2012** Alterations of deadenylase expression in acute leukemias: evidence for poly(a)-specific ribonuclease as a potential biomarker. *ActaHaematol.* 128(1):39-46.
11. Ruether IG, **Tsakogiannis D**, Pliaka V, Kyriakopoulou Z, Krikelis A, Gartzonika C, Leveidiotou-Stefanou S, Markoulatos P. **2012** Molecular characterization of a new intergenotype Norovirus GII recombinant. *Virus Genes.* 44(2):237-243.
12. Kyriakopoulou Z, Pliaka V, **Tsakogiannis D**, Ruether IG, Komiotis D, Gartzonika C, Leveidiotou-Stefanou S, Markoulatos P. **2012**. Genome analysis of two type 6 echovirus (E6) strains recovered from sewage specimens in Greece in 2006. *Virus Genes.* 44(2):207-216.
13. **Tsakogiannis D**, Ruether I, Kyriakopoulou Z, Pliaka V, Theoharopoulou A, **Skordas V**, Panotopoulou E, Nepka C, Markoulatos P. **2012**. Sequence variation analysis of the E2 gene of human papilloma virus type 16 in cervical lesions from women in Greece. *Arch Virol.* 157(5):825-832.
14. Zifa E, Daniil Z, Skoumi E, Stavrou M, Papadimitriou K, **Terzenidou M**, Kostikas K, Bagiatis V, Gourgoulianis KI, Mamuris Z. **2012**. Mitochondrial genetic background plays a role in increasing risk to asthma. *MolBiol Rep.* 39(4):4697-4708.
15. Vasilopoulos Y, **Manolika M**, Zafiriou E, Sarafidou T, Bagiatis V, Krüger-Krasagaki S, Tosca A, Patsatsi A, Sotiriadis D, Mamuris Z, Roussaki-Schulze A. **2012**. Pharmacogenetic analysis of TNF, TNFRSF1A, and TNFRSF1B gene polymorphisms and prediction of response to anti-TNF therapy in psoriasis patients in the Greek population. *MolDiagnTher.* 16(1):29-34
16. Tselepi M, Papachristou E, Emmanouilidi A, Angelis A, Aligiannis N, Skaltsounis AL, Kouretas D, Liadaki K. **2011**. Catalytic inhibition of eukaryotic topoisomerases I and II by flavonol glycosides extracted from *Vicia faba* and *Lotus edulis*. *J Nat Prod.* 74(11):2362-2370.
17. Spanou C, Tzioumaki N, Manta S, Margaritis P, Kouretas D, Komiotis D, Liadaki K. **2011**. Unsaturated Keto and Exomethylene Pyranonucleoside Analogues of Thymine and Uracil Exhibit Potent Antioxidant Properties. *Pharmacology and Pharmacy*, 2 (3): 122-126
18. Kiritsis C, Manta S, **Parmenopoulou V**, Balzarini J, Komiotis D. **2011**. Branched-chain C-cyanopyranonucleosides: synthesis of 3'-C-cyano & 3'-C-cyano-3'-deoxy pyrimidinepyranonucleosides as novel cytotoxic agents. *Eur J Med Chem.* 46(11):5668-5674.
19. **Kantsadi AL**, Hayes JM, Manta S, Skamnaki VT, Kiritsis C, Psarra AM, Koutsogiannis Z, Dimopoulou A, Theofanous S, Nikoleousakos N, Zoumpoulakis P, Kontou M, Papadopoulos G, Zographos SE, Komiotis D, Leonidas DD. **2012**. The σ -hole phenomenon of halogen atoms forms the structural basis of the strong inhibitory potency of C5halogen substituted

- glucopyranosyl nucleosides towards glycogen phosphorylase b. *ChemMedChem*. 7(4):722-732.
20. Manta S, **Xipnitou A**, Kiritsis C, **Kantsadi AL**, Hayes JM, Skamnaki VT, Lamprakis C, Kontou M, Zoumpoulakis P, Zographos SE, Leonidas DD, Komiotis D. **2012**. 3'-axial CH₂ OH substitution on glucopyranose does not increase glycogen phosphorylase inhibitory potency. QM/MM-PBSA calculations suggest why. *ChemBiol Drug Des*. 79(5):663-673.
 21. Manta S, **Parmenopoulou V**, Kiritsis C, Dimopoulou A, Kollatos N, Papatotiriou I, Balzarini J, Komiotis D. **2012**. Stereocontrolled facile synthesis and biological evaluation of (3'S) and (3'R)-3'-amino (and Azido)-3'-deoxy pyranonucleosides. *Nucleosides Nucleotides Nucleic Acids*. 31(7):522-535.
 22. Kiritsis C, Manta S, **Parmenopoulou V**, Dimopoulou A, Kollatos N, Papatotiriou I, Balzarini J, Komiotis D. **2012**. Stereocontrolled synthesis of 4'-C-cyano and 4'-C-cyano-4' deoxy pyrimidine pyranonucleosides as potential chemotherapeutic agents. *Carbohydr Res*. 364:8-14.
 23. Manta S, Kiritsis C, Dimopoulou A, **Parmenopoulou V**, Kollatos N, Tsoinisa A, Komiotis D. **2013**. Unsaturation: An Important Structural Feature to Nucleosides' Antiviral Activity. *Anti-Infective Agents*, 12(1): 2-57.
 24. **Kantsadi AL**, Manta S, Psarra AM, Dimopoulou A, Kiritsis C, Parmenopoulou V, Skamnaki VT, Zoumpoulakis P, Zographos SE, Leonidas DD, Komiotis D. **2012**. The binding of C5-alkynyl and alkylfurano[2,3-d]pyrimidine glucopyranonucleosides to glycogen phosphorylase b: synthesis, biochemical and biological assessment. *Eur J Med Chem*. 54:740-749.
 25. **Parmenopoulou V**, **Chatzileontiadou DS**, Manta S, Bougiatioti S, Maragozidis P, Gkaragkouni DN, Kaffesaki E, **Kantsadi AL**, Skamnaki VT, Zographos SE, Zoumpoulakis P, Balatsos NA, Komiotis D, Leonidas DD. **2012**. Triazole pyrimidine nucleosides as inhibitors of Ribonuclease A. Synthesis, biochemical, and structural evaluation. *Bioorg Med Chem*. 20(24):7184-7193.
 26. Tsaousoglou M, Lianou L, Maragozidis P, Hatzinikolaou S, Mavromati M, Orologas N, Panaghiotopoulou-Gartagani P, Rassidakis G, Balatsos NA, Chrousos G, Kaditis AG. **2012**. Cysteinyl leukotriene receptors in tonsillar B- and T-lymphocytes from children with obstructive sleep apnea. *Sleep Med*. 13(7):879-885.
 27. Hadar Y, Papadopoulou KK. **2012**. Suppressive composts: microbial ecology links between abiotic environments and healthy plants. *Annu Rev Phytopathol*. 50:133-153.
 28. Pliaka V, Kyriakopoulou Z, Markoulatos P. **2012**. Risks associated with the use of live-attenuated vaccine poliovirus strains and the strategies for control and eradication of paralytic poliomyelitis. *Expert Rev Vaccines*. 11(5):609-628.

29. **Tsakogiannis D**, Ruether IG, Kyriakopoulou Z, Pliaka V, **Skordas V**, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2012**. Molecular and phylogenetic analysis of the HPV 16 E4 gene in cervical lesions from women in Greece. *Arch Virol.* 157(9):1729-1739.
30. **Nikolouli K**, Mossialos D. **2012**. Bioactive compounds synthesized by non-ribosomal peptide synthetases and type-I polyketide synthases discovered through genome-mining and metagenomics. *Biotechnol Lett.* 34(8):1393-1403.
31. Moutou KA, Koutsogiannouli EA, Stamatis C, Billinis C, Kalbe C, Scandura M, Mamuris Z. **2012**. Domestication does not narrow MHC diversity in *Sus scrofa*. *Immunogenetics* 65(3):195-209.
32. Spanou C, Veskoukis AS, **Kerasiotti T**, Kontou M, Angelis A, Aligiannis N, Skaltsounis AL, Kouretas D. **2012**. Flavonoid glycosides isolated from unique legume plant extracts as novel inhibitors of xanthine oxidase. *PLoS One.* 7(3):e32214.
33. Karoulia Z, Papadopoulos G, Nomikos M, Thanassoulas A, Papadopoulou TC, Nounesis G, Kontou M, Stathopoulos C, Leonidas DD. **2013**. Studies on the essential intramolecular interaction between the A1 and A2 domains of von Willebrand factor. *Protein Pept Lett.* 20(2):231-240.
34. Skamnaki VT, Peumans WJ, **Kantsadi AL**, Cubeta MA, Plas K, Pakala S, Zographos SE, Smagghe G, Nierman WC, Van Damme EJ, Leonidas DD. **2013**. Structural analysis of the *Rhizoctonia solani* agglutinin reveals a domain-swapping dimeric assembly. *FEBS J.* 280(8):1750-1763.
35. Tsitsanou KE, Hayes JM, Keramioti M, Mamais M, Oikonomakos NG, Kato A, Leonidas DD, Zographos SE. **2013**. Sourcing the affinity of flavonoids for the glycogen phosphorylase inhibitor site via crystallography, kinetics and QM/MM PBSA binding studies: comparison of chrysin and flavopiridol. *Food Chem Toxicol.* 61:14-27.
36. **Tsakogiannis D**, Kyriakopoulou Z, Amoutzias G, Ruether IG, **Dimitriou TG**, Panotopoulou E, Markoulatos P. **2013**. Identification of novel E6-E7 sequence variants of human papillomavirus 16. *Arch Virol.* 158(4):821-828.
37. Kyriakopoulou Z, Tsolis K, Pliaka V, **Tsakogiannis D**, Ruether IG, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2013**. Combined 5' UTR RFLP analysis and VP1 sequencing for epidemic investigation of enteroviruses. *Arch Virol.* 158(1):103-111.
38. Vasilopoulos Y, Sarafidou T, Kotsa K, **Papadimitriou M**, Goutzelas Y, Stamatis C, Bagiatis V, Tsekmekidou X, Yovos JG, Mamuris Z. **2013**. VDR TaqI is associated with obesity in the Greek population. *Gene.* 512(2):237-239.
39. Sarafidou T, Stamatis C, Kalozoumi G, Spyrou V, Fthenakis GC, Billinis C, Mamuris Z. **2013**. Toll like receptor 9 (TLR9) polymorphism G520R in sheep is

associated with seropositivity for Small Ruminant Lentivirus. *PLoS One*. 8(5):e63901.

40. Kakani EG, Trakala M, Drosopoulou E, Mavragani-Tsipidou P, Mathiopoulos KD. **2013**. Genomic structure, organization and localization of the acetylcholinesterase locus of the olive fruit fly, *Bactrocera oleae*. *Bull Entomol Res*. 103(1):36-47.
41. Krokida A, Delis C, Geisler K, Garagounis C, Tsikou D, Peña-Rodríguez LM, Katsarou D, Field B, Osbourn AE, Papadopoulou KK. **2013**. A metabolic gene cluster in *Lotus japonicus* discloses novel enzyme functions and products in triterpene biosynthesis. *New Phytol*. 200(3):675-690.
42. **Tsakogiannis D**, Papadopoulou A, Kontostathi G, Ruether IG, Kyriakopoulou Z, **Dimitriou TG**, Orfanoudakis G, Markoulatos P. **2013**. Molecular and evolutionary analysis of HPV16 E6 and E7 genes in Greek women. *J Med Microbiol*. 62(Pt 11):1688-1696.
43. Tsoumani KT, Drosopoulou E, Mavragani-Tsipidou P, Mathiopoulos KD. **2013**. Molecular characterization and chromosomal distribution of a species-specific transcribed centromeric satellite repeat from the olive fruit fly, *Bactrocera oleae*. *PLoS One*. 8(11):e79393.
44. Zygouridis NE, Argov Y, Nemny-Lavy E, Augustinos AA, Nestel D, Mathiopoulos KD. **2013**. Genetic changes during laboratory domestication of an olive fly SIT strain *Journal of Applied Entomology*. 138 (6): 423-432.
45. **Tsakogiannis D**, Kyriakopoulou Z, Ruether IG, Amoutzias GD, **Dimitriou TG**, **Diamantidou V**, Kotsovassilis C, Markoulatos P. **2014**. Determination of human papillomavirus 16 physical status through E1/E6 and E2/E6 ratio analysis. *J Med Microbiol*. 63(Pt 12):1716-1723.
46. Ruether IG, **Dimitriou TG**, **Tsakogiannis D**, Kyriakopoulou Z, Amoutzias GD, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2014**. Characterization of novel intergenogroup and intergenotype recombinant noroviruses from central Greece. *Mol Cell Probes*. 28(4):204-210.
47. **Tsakogiannis D**, Kyriakopoulou Z, Darmis F, Ruether IG, **Dimitriou TG**, Orfanoudakis G, Panotopoulou E, Markoulatos P. **2014**. Prevalence of HPV16 E1-1374^Δ63nt variants in Greek women. *J Med Virol*. 86(5):778-784.
48. **Dimitriou TG**, Pliaka V, Kyriakopoulou Z, Ruether IG, **Tsakogiannis D**, Fountoucidou P, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2014**. PCR assays for the identification of rare recombination types from VP1 to 3D genomic region of vaccine derived poliovirus strains. *Mol Cell Probes*. 28(4):107-112.
49. Ruether IG, **Tsakogiannis D**, Kyriakopoulou Z, **Dimitriou TG**, Papamichail C, Gartzonika C, Levidiotou-Stefanou S, Markoulatos P. **2014**. Circulation of intergenotype recombinant noroviruses GII.9/GII.6 from 2006 to 2011 in central Greece. *Virus Genes*. 48(1):23-31.

50. **Tsakogiannis D**, Darmis F, **Gortsilas P**, Ruether IG, Kyriakopoulou Z, **Dimitriou TG**, Amoutzias G, Markoulatos P. **2014**. Nucleotide polymorphisms of the human papillomavirus 16 E1 gene. *Arch Virol.* 159(1):51-63.
51. Kiritsis C, Manta S, Dimopoulou A, **Parmenopoulou V**, Gkizis P, Balzarini J, Komiotis D. **2014**. Stereoselective facile synthesis of 2'-spiro pyrimidine pyranonucleosides via their key intermediate 2'-C-cyanoanalogues. Evaluation of their bioactivity. *Carbohydr Res.* 383:50-57.
52. Manta S, Gkaragkouni D-N, Kaffesakia E, Gkizis P, Hadjipavlou-Litina D, Pontiki E, Balzarini J, Dehaen W, Komiotis D. **2014**. A novel and easy two-step, microwave-assisted method for the synthesis of halophenylpyrrolo[2,3-b]quinoxalines via their pyrrolo precursors. Evaluation of their bioactivity. *Tetrahedron Letters.* 55(11): 1873–1876.
53. Boltsis I, Lagoumintzis G, **Chatzileontiadou DS**, Giastas P, Tzartos SJ, Leonidas DD, Poulaski. **2014**. Non-contact Current Transfer Induces the Formation and Improves the X-ray Diffraction Quality of Protein Crystals. *Cryst. Growth Des.* 14 (9): 4347–4354.
54. Hayes JM, **Kantsadi AL**, Leonidas DD. **2014**. Natural products and their derivatives as inhibitors of glycogen phosphorylase: potential treatment for type 2 diabetes. *Phytochemistry Reviews.* 13(2): 471–498.
55. **Parmenopoulou V**, **Kantsadi AL**, Tsirkone VG, **Chatzileontiadou DS**, Manta S, Zographos SE, **Molfeta C**, Archontis G, Agius L, Hayes JM, Leonidas DD, Komiotis D. **2014**. Structure based inhibitor design targeting glycogen phosphorylase B. Virtual screening, synthesis, biochemical and biological assessment of novel N-acyl- β -D-glucopyranosylamines. *Bioorg Med Chem.* 22(17):4810-4825.
56. **Sarri C**, Stamatis C, Sarafidou T, Galara I, Godosopoulos V, Kolovos M, Liakou C, **Tastsoglou S**, Mamuris Z. **2014**. A new set of 16S rRNA universal primers for identification of animal species. *Food Control*, 43:35–41
57. Vasilopoulos Y, **Sarri C**, Zafiriou E, Patsatsi A, Stamatis C, **Ntoumou E**, Fassos I, **Tsalta A**, Karra A, Roussaki-Schulze A, Sotiriadis D, Mamuris Z, Sarafidou T. **2014**. A pharmacogenetic study of ABCB1 polymorphisms and cyclosporine treatment response in patients with psoriasis in the Greek population. *Pharmacogenomics J.* 14(6):523-525. Stagos D, Apostolou A, Poulis E, Kermeliotou E, Mpatzilioti A, **Kreatsouli K**, Koulocheri SD, Haroutounian SA, Kouretas D. **2014**. Antiangiogenic potential of grape stem extract through inhibition of vascular endothelial growth factor expression. *J Physiol Pharmacol.* 65(6):843-852.
58. **Kantsadi AL**, Apostolou A, Theofanous S, Stravodimos GA, Kyriakis E, **Gorgogietas VA**, **Chatzileontiadou DS**, Pegiou K, Skamnaki VT, Stagos D, Kouretas D, Psarra AM, Haroutounian SA, Leonidas DD. **2014**. Biochemical and biological assessment of the inhibitory potency of extracts from

- vinification byproducts of *Vitis vinifera* extracts against glycogen phosphorylase. *Food Chem Toxicol.* 67:35-43
59. Kakani EG, Sagri E, Omirou M, Ioannides IM, Mathiopoulos KD. **2014.** Detection and geographical distribution of the organophosphate resistance-associated $\Delta 3Q$ ace mutation in the olive fruit fly, *Bactrocera oleae* (Rossi). *Pest Manag Sci.* 70(5):743-750.
60. Sagri E, Reczko M, Tsoumani KT, **Gregoriou ME**, Harokopos V, Mavridou AM, **Tastsoglou S**, Athanasiadis K, Ragoussis J, Mathiopoulos KD. **2014.** The molecular biology of the olive fly comes of age. *BMC Genet.* 15 Suppl2:S8.
61. Sagri E, Reczko M, **Gregoriou ME**, Tsoumani KT, Zygouridis NE, Salpea KD, Zalom FG, Ragoussis J, Mathiopoulos KD. **2014.** Olive fly transcriptomics analysis implicates energy metabolism genes in spinosad resistance. *BMC Genomics.* 15:714.
62. Kyriakopoulou Z, Pliaka V, Amoutzias GD, Markoulatos P. **2015.** Recombination among human non-polio enteroviruses: implications for epidemiology and evolution. *Virus Genes.* 50(2):177-188.
63. **Tsakogiannis D**, **Diamantidou V**, **Toska E**, Kyriakopoulou Z, **Dimitriou TG**, Ruether IG, **Gortsilas P**, Markoulatos P. **2015.** Multiplex PCR assay for the rapid identification of human papillomavirus genotypes 16, 18, 45, 35, 66, 33, 51, 58, and 31 in clinical samples. *Arch Virol.* 160(1):207-214.
64. **Tsakogiannis D**, **Papacharalampous M**, **Toska E**, Kyriakopoulou Z, **Dimitriou TG**, Ruether IG, Komiotis D, Markoulatos P. **2015.** Duplex Real-time PCR assay and SYBR green I melting curve analysis for molecular identification of HPV genotypes 16, 18, 31, 35, 51 and 66. *Mol Cell Probes.* 29(1):13-18.
65. Dimopoulou A, Manta S, **Parmenopoulou V**, Kollatos N, Christidou O, Triantakoustanti VV, Schols D, Komiotis D. **2015.** An easy microwave-assisted synthesis of C8-alkynyl adenine pyranonucleosides as novel cytotoxic antitumor agents. *Front Chem.* 3:21.
66. Dimopoulou A, Manta S, **Parmenopoulou V**, Gkizis P, Coutouli-Argyropoulou E, Schols D, Komiotis D. **2015.** Synthesis of novel thiopurinepyranonucleosides: evaluation of their bioactivity. *Nucleosides Nucleotides Nucleic Acids.* 34(4):289-308.
67. Kollatos N, Manta S, Dimopoulou A, **Parmenopoulou V**, Triantakoustanti VV, Kellici T, Mavromoustakos T, Schols D, Komiotis D. **2015.** Branched-chain sugar nucleosides: stereocontrolled synthesis and bioevaluation of novel 3'-C-trifluoromethyl and 3'-C-methyl pyranonucleosides. *Carbohydr Res.* 407:170-178.
68. **Kantsadi AL**, **Parmenopoulou V**, Bakalov DN, Snelgrove L, Stravodimos GA, **Chatzileontiadou DS**, Manta S, Panagiotopoulou A, Hayes JM, Komiotis D, Leonidas DD. **2015.** Glycogen phosphorylase as a target for type 2 diabetes: synthetic, biochemical, structural and computational evaluation of novel N-

acyl-N'-(β -D-glucopyranosyl) urea inhibitors. *Curr Top Med Chem.*15(23):2373-2389.

69. **Chatzileontiadou DS**, Tsirkone VG, Dossi K, Kassouni AG, Liggri PG, **Kantsadi AL**, Stravodimos GA, Balatsos NA, Skamnaki VT, Leonidas DD. The ammonium sulfate inhibition of human angiogenin. *FEBS Lett.* **2016** Sep;590(17):3005-18. doi: 10.1002/1873-3468.12335.PMID: 27483019
70. Sagri E, Koskinioti P, **Gregoriou M-E**, Tsoumani KT, Bassiakos YC and Mathiopoulos KD* . **2017**. Housekeeping in Tephritid insects: the best choice for expression analyses in the medfly and the olive fly. *Scientific Reports* 7:45634. <https://doi.org/10.1038/srep45634>
71. Maria L. Pappas, Maria Liapoura, Dimitra Papantoniou, **Marianna Avramidou**, Nektarios Kavroulakis, Alexander Weinhold, George D. Broufas and Kalliope K. Papadopoulou.. **2018**. The Beneficial Endophytic Fungus *Fusarium solani* Strain K Alters Tomato Responses Against Spider Mites to the Benefit of the Plant. *Frontiers*. doi: 10.3389/fpls.2018.01603.
72. Kun S, Begum J, **Kyriakis E**, Stamati ECV, Barkas TA, Szennyes E, Bokor É, Szabó KE, Stravodimos GA, Sipos Á, Docsa T, Gergely P, Moffatt C, Patraskaki MS, Kokolaki MC, Gkerdi A, Skamnaki VT, Leonidas DD, Somsák L, Hayes JM. *Eur J Med Chem.* **2018**. A multidisciplinary study of 3-(β -d-glucopyranosyl)-5-substituted-1,2,4-triazole derivatives as glycogen phosphorylase inhibitors: Computation, synthesis, crystallography and kinetics reveal new potent inhibitors. *Mar* 10;147:266-278. doi: 10.1016/j.ejmech.2018.01.095. Epub 2018 Feb 2. PMID: 29453094.
73. Karra AG, Konstantinou M, **Tzortziou M**, **Tsialtas I**, **Kalousi FD**, Garagounis C, Hayes JM, Psarra AG. **2018**. Potential Dissociative Glucocorticoid Receptor Activity for Protopanaxadiol and Protopanaxatriol. *Int J Mol Sci.* Dec 27; 20(1): 94. doi: 10.3390/ijms20010094. PMID: 30591629; PMCID: PMC6337468.
74. **Gorgogietas VA**, **Tsialtas I**, Sotiriou N, **Laschou VC**, Karra AG, Leonidas DD, Chrousos GP, Protopapa E, Psarra AG. **2018**. Potential interference of aluminum chlorohydrate with estrogen receptor signaling in breast cancer cells. *J Mol Biochem.*; 7(1):1-13. PMID: 30148119; PMCID: PMC6108589.
75. **Rodiola Begolli**, Nikos Sideris, and Antonis Giakountis. **2019**. LncRNAs as Chromatin Regulators in Cancer: From Molecular Function to Clinical Potential. *PMC*. doi: 10.3390/cancers11101524
76. Bayega A, Djambazian H, Tsoumani KT, **Gregoriou M-E**, Sagri E, Drosopoulou E, Mavragani-Tsipidou P, Giorda K, Tsiamis G, Bourtzis K, Oikonomopoulos S, Dewar K, Church DM, Papanicolaou A, Mathiopoulos KD* & Ragoussis J*. De novo assembly of the olive fruit fly (*Bactrocera oleae*) genome with linked-reads and long-read technologies minimizes gaps and provides exceptional Y chromosome assembly. *BMC Genomics* 21, 259. **2020**. <https://doi.org/10.1186/s12864-020-6672-3>.

77. **Gregoriou M**, Mathiopoulos KD* **2020**. Knocking down the sex peptide receptor by dsRNA feeding results in reduced oviposition rate in olive fruit flies. *Arch Insect Biochem Physiol*. <https://doi.org/10.1002/arch.21665>.
78. Drakou, C, Gardel, C., **Tsialtas, I.**, **Alexopoulos, S.**, Mallouchos, A., **Koulas, A.**, **Tsagkarakou, A.**, **Asimakopoulos, D.**, Leonidas, D.D., Psarra,A.M., Skamnaki, VT. **2020**. Affinity crystallography reveals binding of pomegranate juice anthocyanins at the inhibitor site of glycogen phosphorylase: the contribution of a sugar moiety to potency and its implications to the binding mode. Accepted for publication in *Journal of Agricultural and Food Chemistry*. <http://dx.doi.org/10.1021/acs.jafc.0c04205>.
79. **Tsialtas I**, Gorgogietas VA, Michalopoulou M, Komninou A, Liakou E, **Georgantopoulos A**, **Kalousi FD**, Karra AG, Protopapa E, Psarra AG. **2020**. Neurotoxic effects of aluminum are associated with its interference with estrogen receptors signaling. *Neurotoxicology*. Mar; 77:114-126. doi: 10.1016/j.neuro.2020.01.004. Epub 2020 Jan 13. PMID: 31945389.
80. **Argyropoulou M**, Veskoukis AS, Karanatsiou PM, Manolakelli A, Kostoglou-Athanassiou I, Vilaras G, Karameris A, Liadaki K. **2020**. Low prevalence of TERT promoter, BRAF and RAS mutations in papillary thyroid cancer in the Greek population. *Pathol Oncol Res*.26(1):347-354.
81. **Karra AG**, **Tziortziou M**, **Kylindri P**, Georgatza D, **Gorgogietas VA**, Makiou A, Krokida A, **Tsialtas I**, **Kalousi FD**, Papadopoulos GE, Papadopolou KK, Psarra AG. Boswellic acids and their derivatives as potent regulators of glucocorticoid receptor actions. *Arch Biochem Biophys*. **2020** Nov 30;695:108656. doi: 10.1016/j.abb.2020.108656. Epub 2020 Oct 28. PMID: 33127380.
82. **Tsialtas I**, **Georgantopoulos A**, **Karipidou ME**, **Kalousi FD**, **Karra AG**, Leonidas DD, Psarra AG. Anti-Apoptotic and Antioxidant Activities of the Mitochondrial Estrogen Receptor Beta in N2A Neuroblastoma Cells. *Int J Mol Sci*. **2021** Jul 16;22(14):7620. doi: 10.3390/ijms22147620. PMID: 34299239; PMCID: PMC8306648.
83. **Karra AG**, Sioutopoulou A, **Gorgogietas V**, Samiotaki M, Panayotou G, Psarra AG. Proteomic analysis of the mitochondrial glucocorticoid receptor interacting proteins reveals pyruvate dehydrogenase and mitochondrial 60 kDa heat shock protein as potent binding partners. *J Proteomics*. **2022** Apr 15;257:104509. doi: 10.1016/j.jprot.2022.104509. Epub 2022 Feb 4. PMID: 35124280.
84. **Kalousi FD**, Pollastro F, Christodoulou EC, **Karra AG**, **Tsialtas I**, **Georgantopoulos A**, Salamone S, Psarra AG. Apoptotic, Anti-Inflammatory Activities and Interference with the Glucocorticoid Receptor Signaling of Fractions from Pistacia lentiscus L. var. chia Leaves. *Plants (Basel)*. **2022** Mar 30;11(7):934. doi: 10.3390/plants11070934. PMID: 35406916; PMCID: PMC9002849.