

Δημοσιεύσεις μελών ΔΕΠ

Συμαραγδή Αντωνοπούλου, Καθηγήτρια

1. A Simple and Precise Method for the Routine Determination of Platelet-Activating Factor in Blood and Urine
Lipids 29, 305-309, 1994

Demopoulos, C.A., Andrikopoulos, N.K., and Antonopoulou, S.
<https://pubmed.ncbi.nlm.nih.gov/8177023/>

2. Platelet-Activating Factor Acetylhydrolase (PAF-AH) in Human Kidney

Int. J. Biochem. 26, 1157-1162, 1994

Antonopoulou, S., Demopoulos, C.A., Iatrou, C., Moustakas, G., and Zirogiannis, P.
<https://pubmed.ncbi.nlm.nih.gov/7988740/>

3. Study of Platelet activating factor (PAF) levels and PAF acetylhydrolase in patients with primary glomerulonephritis

J. Lipid Mediat. Cell Signalling 10, 117-118, 1994

Iatrou, C., Moustakas, G., Antonopoulou, S., Demopoulos, C.A., and Zirogiannis, P.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056073&eid=2-s2.0-0028360810

4. Separation of the main neutral lipids into classes and species by RP-HPLC and UV detection

J. Liquid Chromatogr. 17, 633-648, 1994

Antonopoulou, S., Andrikopoulos, N.K., and Demopoulos, C.A.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056089&eid=2-s2.0-0028205205

5. PAF antagonists in food: Isolation and identification of PAF antagonists in virgin olive oil

Rev. Franc. Des Corps Gras 40, 9/10, 323-327, 1994

Koussisis, S.G., Semidalas, Ch.E., Antonopoulou, S., Kapoulas, V.M., Demopoulos, C.A., and Kalyvas, V.
[https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAA AJ&cstart=100&pagesize=100&sortby=pubdate&citation_for_view=MXM4k-UAAA AJ:_Qo2XoVZTnwC](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAAAJ&cstart=100&pagesize=100&sortby=pubdate&citation_for_view=MXM4k-UAAA AJ:_Qo2XoVZTnwC)

6. PAF antagonists in food: Isolation and identification of PAF antagonists in honey and wax

Rev. Franc. Des Corps Gras 41, 5/6, 127-132, 1994

Koussisis, S.G., Semidalas, Ch.E., Hadzistavrou, E.G., Kalyvas, V., Antonopoulou, S., and Demopoulos, C.A.
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAA AJ&cstart=100&pagesize=100&sortby=pubdate&citation_for_view=MXM4k-UAAA AJ:_kc_bZDykSQC

7. Platelet-Activating factor formation during oxidative modification of low-density lipoprotein when PAF-acetylhydrolase has been inactivated

Biochim. Biophys. Acta-Lipids and lipid metabolism, 1212, 353-360, 1994

Liapikos, T.A., Antonopoulou, S., Karabina, S.-A., Tsoukatos, D.C., Demopoulos, C.A., and Tselepis, A.D.
<https://pubmed.ncbi.nlm.nih.gov/8199206/>

8. The Influence of Parathyroid Hormone (PTH) on Platelet Activating Factor (PAF) Blood Levels in Hemodialysed Patients

Clin. Nephrology 43, 60-63, 1995

Iatrou, C., Antonopoulou, S., Andrikopoulos, N., Moutafis, S., Tsoufakis, G., Moustakas, G., Demopoulos, C.A., and Zirogiannis, P.
<https://pubmed.ncbi.nlm.nih.gov/7697937/>

9. The production of Platelet-Activating Factor (PAF) during hemodialysis with cuprophane membrane. Does calcium concentration in the dialysate play any role on it?

Int. J. Artif. Organs, 18, 355-361, 1995

Iatrou, C., Afentakis, N., Antonopoulou, S., Andrikopoulos, N., Demopoulos, C.A., and Zirogiannis, P.
<https://pubmed.ncbi.nlm.nih.gov/8655220/>

10. Blood cardiolipin in hemodialysis patients. Its implication in the biological action of Platelet-Activating Factor
Int. J. Biochem. Cell Biol., 28, 43-51, 1996

Antonopoulou, S., Demopoulos, C.A., and Iatrou, C.
<https://pubmed.ncbi.nlm.nih.gov/8624843/>

11. Separation of several main glycolipids into classes and partially into species by HPLC and UV-detection
J. Liq. Chrom. & Rel. Technol., 19, 771-781, 1996
Demopoulos, C.A., Kyrili, M., Antonopoulou, S., and Andrikopoulos, N.K.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056096&eid=2-s2.0-0029964441
12. Isolation and complete separation of lipids from natural sources
J. Liq. Chrom. & Rel. Technol., 19, 521-535, 1996
Demopoulos, C.A., Antonopoulou, S., Andrikopoulos, N.K. and Kapoulas, V.M.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056110&eid=2-s2.0-0029879067
13. Platelet-Activating Factor (PAF) levels and PAF acetylhydrolase (AH) activities in patients with primary glomerulonephritis (PGN).
Nephron, 72, 611-616, 1996
Iatrou, C., Moustakas, G., Antonopoulou, S., Demopoulos, C.A., and Zirogiannis, P.
<https://pubmed.ncbi.nlm.nih.gov/8730430/>
14. Platelet-Activating Factor (PAF) antagonists in foods. A study of lipids, with PAF or anti-PAF like-activity, in cow's milk and yoghurt
J. Agric. Food Chem., 44, 3047-3051, 1996
Antonopoulou, S., Semidalas, Ch., Koussisis, S., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/9131127/>
15. Lipid separation from Urtica dioica. Existence of Platelet-Activating Factor (PAF)
J. Agric. Food Chem., 44, 3052-3056, 1996
Antonopoulou, S., Demopoulos, C.A., and Andrikopoulos, N.K.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056121&eid=2-s2.0-0000015003
16. A discovery trip to compounds with PAF-like activity
Adv. Exp. Med. Biol., 416, 59-63, 1996
Demopoulos, C.A., and Antonopoulou, S. <https://pubmed.ncbi.nlm.nih.gov/9131127/>
17. Biologically active lipids from S. scombrus
Adv. Exp. Med. Biol., 416, 65-72, 1996
Rementzis, J., Antonopoulou, S., Argyropoulos, D., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/9131128/>
18. Implication of PAF and acetylhydrolase (AH) activity in periodontal disease
Adv. Exp. Med. Biol., 416, 135-141, 1996
Baltas, G., Kotsifaki, H., Antonopoulou, S., Kipioti, A., and Demopoulos, C.A
<https://pubmed.ncbi.nlm.nih.gov/9131139/>
19. Identification and study of gangliosides from Scomber scombrus muscles
J. Agric. Food Chem. 45, 611-615, 1997
Rementzis, J., Antonopoulou, S., and Demopoulos, C.A.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056145&eid=2-s2.0-0001028948
20. Synthesis of a new phosphoglycolipid with biological activity towards platelets
Int. J. Biochem. Cell Biol., 29, 767-774, 1997
Avramopoulou, V., Antonopoulou, S., Frousios, K., Argyropoulos, D., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/9251244/>
21. On the Mediterranean Diet
INFORM, 8, 776-777, 1997
Antonopoulou, S., Demopoulos, C.A.

https://scholar.google.com/citations?view_op=view_citation&hl=el&user=MXM4k-UAAAAJ&cstart=100&pagesize=100&sortby=pubdate&citation_for_view=MXM4k-UAAAAJ:JQOojl6XY0C

22. Identification of a new endogenous platelet activating factor-like molecule in gingival crevicular fluid
Biochem. J., 330, 791-794, 1998

Antonopoulou, S., Demopoulos, C.A., Argyropoulos, D., Baltas, G., Kotsifaki, H., and Kipioti, A.
<https://pubmed.ncbi.nlm.nih.gov/9480892/>

23. Determination of Platelet-Activating Factor by High-Performance Liquid Chromatography with Fluorescent Detection
J. Liq. Chrom. & Rel. Technol., 22, 1331-1341, 1999

Nomikos, T. N., Antonopoulou, S., Argyropoulos, D., and Demopoulos, C. A.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056150&eid=2-s2.0-0032915212

24. Separation of Biologically active lipids from red wine.

J. Agric. Food Chem., 48, 1234-1238, 2000
Fragopoulou, E., Nomikos, T., Antonopoulou, S., Mitsopoulou, C., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/10775377/>

25. Is Platelet-Activating Factor produced during hemodialysis with AN-69 polyacrylonitrile membrane?

Nephron, 91, 86-93, 2002
Iatrou, C., Afentakis, N., Nomikos, T., Dinas, C., Stavropoulos-Giokas, C., and Antonopoulou, S.
<https://pubmed.ncbi.nlm.nih.gov/12021524/>

26. Antithrombotic lipid minor constituents from vegetable oils. Comparison between olive oils and others.

J. Agric. Food Chem., 50, 1150-1160, 2002
Karantonis, H.C., Antonopoulou, S., and Demopoulos, C.A. <https://pubmed.ncbi.nlm.nih.gov/11853496/>

27. Oleuropein inhibits LDL oxidation induced by cooking frying by-products and platelet aggregation induced by Platelet-Activating Factor.

Lebensmittel-Wissenschaft und Technologie, Food Science and Technology, 35, 479-484, 2002
Andrikopoulos N.K., A. Kalliora, and Antonopoulou, S.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056161&eid=2-s2.0-0036374393

28. Biologically active lipids with antiatherogenic properties from white wine and must.

J. Agric. Food Chem., 50, 2684-2694, 2002
Fragopoulou E., Antonopoulou, S., and Demopoulos, C.A. <https://pubmed.ncbi.nlm.nih.gov/11958642/>

29. Separation of polar lipids from soybean oil and cotton seed oil by one-step HPLC system. Biological activity of isolated lipids.

J. Liq. Chrom. & Rel. Technol., 25, 771-779, 2002
Antonopoulou, S., Karantonis, H.C.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056172&eid=2-s2.0-0036229660

30. Isolation and structure elucidation of biologically active phospholipids from *Scytonema julianum* (cyanobacteria).

Biochem. J., 367, 287-293, 2002.
Antonopoulou, S., Oikonomou, A., Karantonis, H.C., Fragopoulou, E., and Pantazidou, A.
<https://pubmed.ncbi.nlm.nih.gov/12038967/>

31. Hydroxyl-Platelet-Activating Factor exists in blood of healthy volunteers and periodontal patients.
Mediators of Inflammation, 12, 221-227, 2003.

Antonopoulou, S., Tsoupras, A., Baltas, G., Kotsifaki, H., Mantzavinos, Z., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/14514473/>

32. Structure elucidation of phenolic compounds from red/white wine with atherogenic properties.
Biochim. Biophys. Acta, Molecular and cellular biology of lipids, 1632, 90-99, 2003.

Fragopoulou E., Antonopoulou, S., Nomikos, T., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/12782155/>

33. Platelet Activating Factor. A molecular link between atherosclerosis theories.
Eur. J. Lipid Sci. and Technol, 105, 705-716, 2003.
Demopoulos, C.A., Karantonis, H.C., and Antonopoulou, S.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056176&eid=2-s2.0-0346849863

34. Characterization of bioactive glycolipids from *Scytonema julianum* (cyanobacteria).
Comp Biochem Physiol B Biochem Mol Biol, 140, 219-231, 2005.
Antonopoulou, S., Nomikos, T., Oikonomou, A., Kyriacou A., Andriotis M., Fragopoulou, E., and Pantazidou, A.
<https://pubmed.ncbi.nlm.nih.gov/15649769/>

35. Dietary intake and biochemical risk factors for cardiovascular disease in two rural regions of Crete.
J Physiol Pharmacol., 56, 171-181, 2005.
Manios, Y., Antonopoulou, S., Kaliora, A.C., Felliou, G., and Perrea, D.
<https://pubmed.ncbi.nlm.nih.gov/15800393/>

36. Effects of eccentric exercise-induced muscle injury on blood levels of platelet activating factor (PAF) and other inflammatory markers.
Eur J Appl Physiol., 95, 504-513, 2005.
Milius, G.A., Nomikos, T., Fragopoulou, E., Athanasopoulos, S., and Antonopoulou, S.
<https://pubmed.ncbi.nlm.nih.gov/16151835/>

37. Bioactive polar lipids from *Chroococcidiopsis* sp. (Cyanobacteria).
Comp Biochem Physiol B Biochem Mol Biol., 142, 269-282, 2005.
Antonopoulou, S., Karantonis, H.C., Nomikos, T., Oikonomou, A., Fragopoulou, E., and Pantazidou, A.
<https://pubmed.ncbi.nlm.nih.gov/16198133/>

38. Synthesis and biological evaluation of novel steroid-modified ether phospholipids.
Chem Phys Lipids, 138, 12-19, 2005.
Karantonis, H.C., Pitsinos, E.N., Antonopoulou, S., Couladouros, E.A., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/16202400/>

39. Understanding local Mediterranean diets: a multidisciplinary pharmacological and ethnobotanical approach.
Pharmacol. Res, 52, 353-366, 2005.
The Local Food-Nutraceuticals Consortium. <https://pubmed.ncbi.nlm.nih.gov/16051496/>

40. Effect of fast-food Mediterranean-type diet on type 2 diabetics and healthy human subjects' platelet aggregation.
Diabetes Res Clin Pract., 72, 33-41, 2006.
Karantonis, H.C., Fragopoulou, E., Antonopoulou, S., Rementzis, J., Phenekos, C., and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/16236380/>

41. In vivo antiatherogenic properties of olive oil and its constituent lipid classes in hyperlipidemic rabbits.
Nutr Metab Cardiovasc Dis., 16, 174-185, 2006.
Karantonis, H.C., Antonopoulou, S., Perrea, D.N., Sokolis, D.P., Theocharis, S.E., Kavantzas, N., Iliopoulos, D.G. and Demopoulos, C.A. <https://pubmed.ncbi.nlm.nih.gov/16580585/>

42. Effects of baseline serum levels of Se on markers of eccentric exercise-induced muscle injury.
Biofactors, 26, 161-170, 2006.
Milius, G.A., Nomikos, T., Fragopoulou, E., Athanasopoulos, S. and Antonopoulou, S.
<https://pubmed.ncbi.nlm.nih.gov/16051496/>

43. Platelet-activating factor (PAF) increase intracellular lipid accumulation by increasing both LDL and scavenger receptors in human mesangial cells
J Lab Clin Inv., 147, 281-289, 2006.
Fragopoulou, E., Iatrou, C., Antonopoulou, S., Ruan, XZ, Fernando, RL, Powis, SH, Moorhead, JF, and Varghese, Z.
<https://pubmed.ncbi.nlm.nih.gov/16750665/>

44. Effect of traditional Greek Mediterranean meals on platelet aggregation in normal subjects and in patients with type 2 Diabetes Mellitus.
J. Med. Food, 9, 356-362, 2006.
Antonopoulou, S., Fragopoulou, E., Karantonis, C.H., Mitsou, E., Sitara, M., Ginis, A., and Phenekos, C.
<https://pubmed.ncbi.nlm.nih.gov/17004898/>
45. Isolation and identification of hydroxyl-platelet-activating factor from natural sources.
Life Sci., 79, 1796-1803, 2006.
Tsoupras, A.B., Antonopoulou, S., Baltas, G., Samiotaki, M., Panayotou, G., Kotsifaki, H., Mantzavinos, Z. and Demopoulos, C.A. <https://pubmed.ncbi.nlm.nih.gov/16860827/>
46. Biological activity of acetylated phenolic compounds.
J. Agric. Food Chem., 55, 80-89, 2007.
Fragopoulou, E., Nomikos, T., Karantonis, H.C., Apostolakis, C., Pliakis, E., Samiotaki, M., Panayotou, G. and Antonopoulou, S. <https://pubmed.ncbi.nlm.nih.gov/17199317/>
47. Characterization of the de novo biosynthetic enzyme of Platelet Activating Factor (PAF), DDT-insensitive Cholinephosphotransferase (PAF-CPT), of Human Mesangial Cells.
Mediat. Inflamm., 1, art. No 27683, 2007.
Tsoupras, A.B.N., Fragopoulou, E., Nomikos, T., Iatrou, C., Antonopoulou, S. and Demopoulos, C.A.
<https://pubmed.ncbi.nlm.nih.gov/17710109/>
48. Antithrombotic and antiatherosclerotic properties of olive oil and olive pomace polar extracts in rabbits.
Mediat. Inflamm., art. No. 36204, 2007.
Tsantila, N., Karantonis, H.C., Perrea, D.N., Theocharis, S.E., Iliopoulos, D.G., Antonopoulou, S. and Demopoulos, C.A. <https://pubmed.ncbi.nlm.nih.gov/18253466/>
49. Food ingredients and lipid mediators
Current Nutrition and Food Science, 3 (4), 255-276, 2007.
Nomikos, T., Fragopoulou, E. and Antonopoulou, S.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056180&eid=2-s2.0-36248994070
50. Effect of Fast-Food Mediterranean-Type Diet on human plasma oxidation.
J. Med. Food, 10 (3), 511-520, 2007.
Aronis, P., Antonopoulou, S., Karantonis, H.C., Phenekos, C., and Tsoukatos, D.C.
<https://pubmed.ncbi.nlm.nih.gov/17887946/>
51. Boiled wild artichoke reduces postprandial glycemic and insulinemic responses in normal subjects but has no effect on Metabolic Syndrome patients.
Nutrition Res., 27, 741-749, 2007.
Nomikos, T., Detopoulou, P., Fragopoulou, E., Pliakis, E. and Antonopoulou, S.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056184&eid=2-s2.0-36349011335
52. Bioactive polar lipids in olive oil, pomace and waste byproducts.
J. Food Biochem., 32, 443-459, 2008.
Karantonis, H.C., Tsantila, N., Stamatakis, G., Samiotaki, M., Panayotou, G., Antonopoulou, S., and Demopoulos, C.A.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056188&eid=2-s2.0-48249093424
53. Development, reliability and validity of a new motorized isometric dynamometer for measuring strength characteristics of elbow flexor muscles.
J. Med. Engeer. & Technol., 32, 66-72, 2008.
Milius, G.A., Antonopoulou, S., and Athanasopoulos, S.
<https://pubmed.ncbi.nlm.nih.gov/18183521/>

54. Dietary choline and betaine intake in relation to concentrations of inflammatory markers, among healthy adults; the ATTICA study.

Am. J. Clin. Nutrition, 87, 424-430, 2008.

Detopoulou, P., Panagiotakos, D., Antonopoulou, S., Pitsavos, C. and Stefanadis, C.

<https://pubmed.ncbi.nlm.nih.gov/18258634/>

55. Intravenous infusion of PAF affects ovulation, fertilization and preimplantation embryonic development in NZB x NZW F1 hybrid mice

Prostaglandins and Other Lipid Mediators, 85 (3-4), 125-133, 2008.

Sakellariou, M., Drakakis, P., Antonopoulou, S., Anagnostou, E., Loutradis, D., Patargas, T.

<https://pubmed.ncbi.nlm.nih.gov/18248752/>

56. Anti-platelet-activating factor effects of highly active antiretroviral therapy (HAART): A new insight in the drug therapy of HIV infection?

AIDS Research and Human Retroviruses, 24 (8), 1079-1086, 2008.

Tsoupras, A.B., Chini, M., Tsogas, N., Fragopoulou, E., Nomikos, T., Lioni, A., Mangafas, N., Antonopoulou, S., Lazanas, M.C. <https://pubmed.ncbi.nlm.nih.gov/18620493/>

57. Chemical composition of greek avgotaracho prepared from mullet (*Mugil cephalus*): Nutritional and health benefits

Journal of Agricultural and Food Chemistry, 56 (14), 5916-5925, 2008.

Kalogeropoulos, N., Nomikos, T., Chiou, A., Fragopoulou, E., Antonopoulou, S.

<https://pubmed.ncbi.nlm.nih.gov/18576655/>

58. Platelet activating factor (PAF) and activity of its biosynthetic and catabolic enzymes in blood and leukocytes of male patients with newly diagnosed heart failure

Clinical Biochemistry, 42 (1-2), 44-49, 2009.

Detopoulou, P., Nomikos, T., Fragopoulou, E., Antonopoulou, S., Kotrogiannis, I., Vassiliadou, C., Panagiotakos, D.B., Stefanadis, C. <https://pubmed.ncbi.nlm.nih.gov/18955040/>

59. Serum Total Selenium Status in Greek Adults and Its Relation to Age. The ATTICA Study Cohort

Biological Trace Element Research, 128 (1), 8-17, 2009.

Letsiou, S., Nomikos, T., Panagiotakos, D., Pergantis, S.A., Fragopoulou, E., Antonopoulou, S., Pitsavos, C., Stefanadis, C. <https://pubmed.ncbi.nlm.nih.gov/18953500/>

60. Antioxidant and lipoxygenase inhibitory activities of pumpkin seed extracts

Food Research International, 42 (5-6), 641-646, 2009.

Xanthopoulou, M.N., Nomikos, T., Fragopoulou, E., Antonopoulou, S.

https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056193&eid=2-s.2.0-67349204016

61. Lipid minor constituents in wines. A biochemical approach in the French paradox.

International Journal of Wine Research, 1, 131–143, 2009.

Fragopoulou, E., Demopoulos, C.A., Antonopoulou, S.

https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056196&eid=2-s.2.0-74149089215

62. Lipoprotein-associated phospholipase A2 (Lp-PLA2) activity, platelet-activating factor acetylhydrolase (PAF-AH) in leukocytes and body composition in healthy adults.

Lipids Health Dis. 8,19, 2009

Detopoulou P, Nomikos T, Fragopoulou E, Panagiotakos DB, Pitsavos C, Stefanadis C, Antonopoulou S.

<https://pubmed.ncbi.nlm.nih.gov/19500354/>

63. Association of the +45T>G and +276G>T polymorphisms in the adiponectin gene with insulin resistance in non-diabetic Greek women.

Eur J Endocrinol. 161(6), 845-852, 2009

Melistas L, Mantzoros C, Kontogianni M, Antonopoulou S, Ordovas J, Yiannakouris N.

<https://pubmed.ncbi.nlm.nih.gov/19755407/>

64. Antioxidant and anti-inflammatory activity of red and white wine extracts.

Food Chemistry 120(3), 665-672, 2010

M.N. Xanthopoulou, E. Fragopoulou, K. Kalathara, T. Nomikos, H. C. Karantonis and S. Antonopoulou

https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056213&eid=2-s.2.0-74149087063

65. Dietary antioxidant capacity and concentration of adiponectin in apparently healthy adults: the ATTICA study. European Journal of Clinical Nutrition 64 (2), 161-168, 2010

P Detopoulou, DB Panagiotakos, C Chrysohoou, E Fragopoulou, T Nomikos, S Antonopoulou, C Pitsavos and C Stefanadis <https://pubmed.ncbi.nlm.nih.gov/19904292/>

66. Atherosclerosis regression study in rabbits upon olive pomace polar lipid extract administration.

Nutrition, Metabolism & Cardiovascular Diseases 20(10), 740-747, 2010

Tsantila N., Karantonis C.H., Perrea D.N., Theocharis S.E., Iliopoulos D.G., Iatrou C., Antonopoulou S. and Demopoulos C.A. <https://pubmed.ncbi.nlm.nih.gov/19748252/>

67. Oral supplementation with L: -aspartate and L: -glutamate inhibits atherogenesis and fatty liver disease in cholesterol-fed rabbit.

Amino Acids 38(5), 1323-1331, 2010

Yanni A.E., Agrogiannis G., Nomikos T., Fragopoulou E., Pantopoulou A., Antonopoulou S., Perrea D. <https://pubmed.ncbi.nlm.nih.gov/19701712/>

68. The association between adherence to the Mediterranean diet and adiponectin levels among cardiovascular disease-free adults: the ATTICA study.

The Journal of Nutritional Biochemistry, 21 (4), 285-289, 2010.

Fragopoulou, E., Panagiotakos, D.P., Pitsavos, C., Tampourlou, M., Chrysohoou, C., Nomikos, T., Antonopoulou, S., Stefanadis, C. <https://pubmed.ncbi.nlm.nih.gov/19369051/>

69. N-Terminal ProBNP Distribution and Correlations with Biological Characteristics in Apparently Healthy Greek Population: ATTICA Study.

Angiology 61(4), 397-404, 2010

Fragopoulou E, Panagiotakos DB, Pitsavos C, Chrysohoou C, Nomikos T, Evangelopoulos A, Katsagoni C, Skoumas J, Antonopoulou S, Stefanadis C. <https://pubmed.ncbi.nlm.nih.gov/19815605/>

70. Dietary habits of Greek adults and serum total selenium concentration. The ATTICA study.

Eur. J. Nutrition 49(8), 465-472, 2010

S. Letsiou, T. Nomikos, D. Panagiotakos, S. A. Pergantis, E. Fragopoulou, S. Antonopoulou, C. Pitsavos and C. Stefanadis <https://pubmed.ncbi.nlm.nih.gov/20386916/>

71. Osteoprotegerin and nuclear factor-kappaB ligand are associated with leptin and adiponectin levels, in apparently healthy women.

The Journal of Musculoskeletal and Neuronal Interactions 10 (2), 174-179, 2010

Tenta R., Panagiotakos DB, Fragopoulou E, Nomikos, T., Pitsavos C, Chrysohoou C, Antonopoulou S, Stefanadis C. <https://pubmed.ncbi.nlm.nih.gov/20516635/>

72. Acute resistance exercise attenuates fasting and postprandial triglyceridemia in women by reducing triglyceride concentrations in triglyceride-rich lipoproteins.

European Journal of Applied Physiology 110(4), 869-874, 2010

E. Zotou, F. Magkos, C. Koutsari, E. Fragopoulou, T. Nomikos, L.S. Sidossis and S. Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/20607278/>

73. High Throughput Quantification of Selenium in Individual Serum Proteins from a Healthy Human Population Using High-Performance Liquid Chromatography On-line with Isotope Dilution Inductively Coupled Plasma – Mass Spectrometry.

Proteomics 10(19), 3447-57, 2010

S. Letsiou, Y. Lu, T. Nomikos, S. Antonopoulou, D. Panagiotakos, C. Pitsavos, C. Stefanadis and S. A. Pergantis <https://pubmed.ncbi.nlm.nih.gov/20827730/>

74. In vitro and in vivo effects of statins on Platelet Activating Factor and its metabolism.

Angiology 62(3), 209-218, 2011

N. Tsantila, A. B Tsoupras, E. Fragopoulou, S. Antonopoulou, C. Iatrou, C. A Demopoulos
<https://pubmed.ncbi.nlm.nih.gov/20805097/>

75. PAF effects on MCP- 1 and IL-6 secretion in U-937 monocytes in comparison with oxLDL and IL-1 β effects.

Atherosclerosis 219(2), 519-525, 2011

S. N. Verouti, E. Fragopoulou, H. C. Karantonis, A. A. Dimitriou, A. D. Tselepis, S. Antonopoulou, T. Nomikos, C. A. Demopoulos <https://pubmed.ncbi.nlm.nih.gov/21920519/>

76. Mediterranean wild plants reduce postprandial platelet aggregation in patients with metabolic syndrome.

Metabolism: Clinical and experimental 61 (3), 325-334, 2012

Fragopoulou, E., Detopoulou, P., Nomikos, T., Pliakis, E., Panagiotakos, D.B., and Antonopoulou, S.

<https://pubmed.ncbi.nlm.nih.gov/21944262/>

77. Platelet-Activating Factor and its basic metabolic enzymes in blood of naive HIV-infected patients.

Angiology, 63(5), 343-352, 2012.

Tsoupras, A.B., Chini, M., Mangafas, N., Tsogas, N., Stamatakis, G., Tsantila, N., Fragopoulou, E., Antonopoulou, S., Gargallanos, P., Demopoulos, C.A., Lazanas, M.C. <https://pubmed.ncbi.nlm.nih.gov/21948973/>

78. PAF and its metabolic enzymes in healthy volunteers: interrelations and correlations with basic characteristics Prostaglandins and other lipid mediators, 97 (1-2), 43-49, 2012

Paraskevi Detopoulou, Tzortzis Nomikos, Elizabeth Fragopoulou, George Stamatakis, Demosthenes. B Panagiotakos, Smaragdi Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/22079887/>

79. Effects of HAART on Platelet Activating Factor metabolism in naive HIV-infected patients I; Study of the tenofovir-DF/emtricitabine/efavirenz HAART regimen

AIDS Research and Human Retroviruses, 28(8), 766-775, 2012

M Chini, A B Tsoupras, N. Mangafas, N Tsogas, V D Papakonstantinou, E Fragopoulou, S Antonopoulou, P Gargalianos, C A Demopoulos, and M Lazanas <https://pubmed.ncbi.nlm.nih.gov/22050695/>

80. Effects of Highly Active Antiretroviral Therapy on Platelet Activating Factor metabolism in naive HIV-infected patients II; Study of the abacavir/lamivudine/efavirenz HAART regimen

International Journal of Immunopathology and Pharmacology, 25(1), 247-258, 2012

M. Chini, A.B. Tsoupras, N. Mangafas, N. Tsogas, V.D. Papakonstantinou, E. Fragopoulou, S. Antonopoulou, P. Gargalianos, C.A. Demopoulos and M.C. Lazanas

<https://pubmed.ncbi.nlm.nih.gov/22507337/>

81. Mineral intake

Progress in Molecular Biology and Translational Sciences, 108, 201-236, 2012

M.G. Stathopoulou, S. Kanoni, G. Papanikolaou, S. Antonopoulou, T. Nomikos and G. Dedousis

<https://pubmed.ncbi.nlm.nih.gov/22656379/>

82. Baseline and six-week follow-up levels of PAF and activity of its metabolic enzymes in heart failure patients and healthy volunteers --A Pilot Study

Angiology 64(7), 522-528, 2013

P. Detopoulou, E. Fragopoulou, T. Nomikos, S. Antonopoulou, I. Kotroyiannis, C. Vassiliadou, D. B. Panagiotakos, C. Chrysohoou, C. Pitsavos and C. Stefanidis <https://pubmed.ncbi.nlm.nih.gov/23000600/>

83. Platelet Activating Factor in Heart Failure: Potential Role in Disease Progression and Novel Target for Therapy

Curr Heart Fail Rep 10(2), 122-129, 2013

Paraskevi Detopoulou, Tzortzis Nomikos, Elizabeth Fragopoulou, Christina Chrysohoou and Smaragdi Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/23389700/>

84. Interleukin-1 β stimulates platelet-activating factor production in U-937 cells modulating both its biosynthetic and catabolic enzymes

Cytokine 63(2), 97-104, 2013

Ioanna C Vlachogianni, Tzortzis Nomikos, Elizabeth Fragopoulou, George M Stamatakis, Haralambos C Karantonis, Smaragdi Antonopoulou, Constantinos A Demopoulos. <https://pubmed.ncbi.nlm.nih.gov/23673285/>

85. Additional benefit in CVD risk indices derived from the consumption of fortified milk when combined with a lifestyle intervention

Public Health Nutrition 17(2), 440-449, 2014

M. Petrogianni, E. Grammatikaki, N. Kalogeropoulos, A. Peristeraki, G. Moschonis, C. Pitsavos, S. Antonopoulou and Y. Manios <https://pubmed.ncbi.nlm.nih.gov/23249766/>

86. Effect of Robola and Cabernet Sauvignon extracts on Platelet Activating Factor enzymes activity on U937 cells
Food Chemistry, 165, 50-59, 2014

M.N. Xanthopoulou, D. Asimakopoulos, S. Antonopoulou, C.A. Demopoulos, E. Fragopoulou
<https://pubmed.ncbi.nlm.nih.gov/25038648/>

87. In vivo effect of two first-line ART regimens on inflammatory mediators in male HIV patients.

Lipids in Health and Disease 13(1), 90-, 2014

V.D. Papakonstantinou, M. Chini, N. Mangafas, G.M. Stamatakis, N. Tsogas, A.B. Tsoupras, K. Psarra, E. Fragopoulou, S. Antonopoulou, P. Gargalianos, C.A. Demopoulos, M.C. Lazanas <https://pubmed.ncbi.nlm.nih.gov/24884881/>

88. Gender-specific distribution of selenium to serum selenoproteins: Associations with total selenium levels, age, smoking, body mass index, and physical activity

Biofactors, 40(5), 524-535, 2014

S. Letsiou, T. Nomikos, D.B. Panagiotakos, S.A. Pergantis, E. Fragopoulou, C. Pitsavos, C. Stefanidis, S. Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/25185791/>

89. Mediterranean diet and its protective mechanisms against cardiovascular disease: An insight into Platelet Activating Factor (PAF) and diet interplay

Annals of Nutritional Disorders & Therapy, 2(1): 1-10, 2015

Detopoulou P, Demopoulos C.A, Karantonis H.C, and Antonopoulou S

https://scholar.google.com/citations?view_op=view_citation&hl=el&user=MXM4k-UAAAAJ&cstart=20&pagesize=80&sortby=pubdate&citation_for_view=MXM4k-UAAAAJ:AXPGKjj_ei8C

90. Cave cyanobacteria showing antibacterial activity

International Journal of Speleology, 44(3), 231-238, 2015

Lamprinou, V., Tryfinopoulou, K., Velonakis, E.N., Vatopoulos, A., Antonopoulou, S., Fragopoulou, E., Pantazidou, A., Economou-Amilli, A.

https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056243&eid=2-s.2.0-84932631570

91. Kelesidis T, Papakonstantinou V, Detopoulou P, Fragopoulou E, Chini M, Lazanas MC, Antonopoulou S. The role of platelet-activating factor in chronic inflammation, immune activation, and comorbidities associated with HIV infection. AIDS Rev 2015;17(4):191-201. <https://pubmed.ncbi.nlm.nih.gov/26616844/>

92. In vitro assessment of antioxidant activity of tyrosol, resveratrol and their acetylated derivatives

Food Chemistry, 177, 165-173, 2015

Vlachogianni, I.C., Fragopoulou, E., Kostakis, I.K., Antonopoulou, S. <https://pubmed.ncbi.nlm.nih.gov/25660873/>

93. Vlachogianni IC, Fragopoulou E, Stamatakis GM, Kostakis IK, Antonopoulou S. Platelet Activating Factor (PAF) biosynthesis is inhibited by phenolic compounds in U-937 cells under inflammatory conditions. Prostaglandins Other Lipid Mediat 2015;121(Pt B):176-83. doi: 10.1016/j.prostaglandins.2015.09.001.

<https://pubmed.ncbi.nlm.nih.gov/26358846/>

94. Hierarchical modelling of blood lipids' profile and 10-year (2002-2012) all-cause mortality and incidence of cardiovascular disease: The ATTICA study

Lipids in Health and Disease, 14(1), Article number 108, 2015

Nomikos, T., Panagiotakos, D., Georgousopoulou, E., Metaxa, V., Chrysohoou, C., Skoumas, I., Antonopoulou, S., Tousoulis, D., Stefanidis, C., Pitsavos, C. <https://pubmed.ncbi.nlm.nih.gov/26370413/>

95. Detopoulou P, Fragopoulou E, Nomikos T, Yannakoulia M, Stamatakis G, Panagiotakos DB, Antonopoulou S. The relation of diet with PAF and its metabolic enzymes in healthy volunteers. Eur J Nutr 2015;54(1):25-34. doi: 10.1007/s00394-014-0682-3. <https://pubmed.ncbi.nlm.nih.gov/24639073/>

96. Reduced circulating adiponectin levels are associated with the metabolic syndrome independently of obesity, lipid indices and serum insulin levels: a cross-sectional study

Lipids in Health and Disease 15:140, 2016

Agathi Ntzouvani, Elisabeth Fragopoulou, Demosthenes Panagiotakos, Christos Pitsavos and Smaragdi Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/27567677/>

97. Wine consumption reduced postprandial platelet sensitivity against Platelet-Activating-Factor in healthy men. European Journal of Nutrition, 56, 1485–1492, 2017

Xanthopoulou N. M., Kalathara K., Melachroinou S., Arampatzis-Menenakou K., Antonopoulou S., Yannakoula M., Fragopoulou E. <https://pubmed.ncbi.nlm.nih.gov/26936842/>

98. In Vivo Effects of Tenofovir-DF/Emtricitabine and Abacavir/Lamivudine with Atazanavir-R on Platelet Activating Factor Metabolism in HIV Naive Patients

Journal of Infectious Diseases & Preventive Medicine 5(1), 2017

VD Papakonstantinou, M Chini, N Mangafas, G Stamatakis, A Lioni, N Tsogas, E Fragopoulou, P Gargalianos-Kakolyris, C A Demopoulos, S Antonopoulou and M C Lazanas

99. The influence of genes on the Lifespan of Long- and Short-Lived Families

Hellenic Society of Cardiology, 58, 228-232, 2017

V Kolovou, E Fragopoulou, S Antonopoulou, G Kolovou <https://pubmed.ncbi.nlm.nih.gov/28081978/>

100. Anti-platelet effects of anti-glaucomatous eye drops: an in-vitro study on human platelets.

Drug Design, Development and Therapy, 11, 1267–1272, 2017

M. Moschos, G. A. Moustafa, V. D. Papakonstantinou, M. Tsatsos, K. Laios, S. Antonopoulou

<https://pubmed.ncbi.nlm.nih.gov/28458520/>

101. Postprandial effects of wine consumption on Platelet Activating Factor metabolic enzymes

Prostaglandins and Other Lipid Mediators, 130, 23-29, 2017

C. Argyrou, I. Vlachogianni, G. Stamatakis, C. A. Demopoulos, S. Antonopoulou, E. Fragopoulou

<https://pubmed.ncbi.nlm.nih.gov/28323197/>

102. Ntzouvani A, Nomikos T, Panagiotakos D, Fragopoulou E, Pitsavos C, McCann A, Ueland PM, Antonopoulou S.

Amino acid profile and metabolic syndrome in a male Mediterranean population: A cross-sectional study. Nutr

Metab Cardiovasc Dis 2017; 27(11):1021-1030. doi: 10.1016/j.numecd.2017.07.006.

<https://pubmed.ncbi.nlm.nih.gov/28958693/>

103. Adherence to Mediterranean diet is associated with gut microbiota pattern and gastrointestinal characteristics in an adult population

British Journal of Nutrition, 117(12), 1645-1655, 2017

E.K. Mitsou, A. Kakali, S. Antonopoulou, K.C. Moutzouris, M. Yiannakoula, D.B. Panagiotakos, A. Kyriakou

<https://pubmed.ncbi.nlm.nih.gov/28789729/>

104. A low dose, 6-week bovine colostrum supplementation maintains performance and attenuates inflammatory indices following a Loughborough Intermittent Shuttle Test in soccer players

European Journal of Nutrition, 57 (3), 1181-1195, 2018

Y. Kotsis, A. Mikellidi, C. Aresti, E. Persia, A. Sotiropoulos, D.B Panagiotakos, S. Antonopoulou, T. Nomikos

<https://pubmed.ncbi.nlm.nih.gov/28285432/>

105. Wine and its metabolic effects. A comprehensive review of Clinical Trials

Metabolism, Clinical and Experimental, 83, 102-119, 2018

E. Fragopoulou, M. Choleva, S. Antonopoulou, C. A. Demopoulos <https://pubmed.ncbi.nlm.nih.gov/29408458/>

106. Mediterranean diet and platelet-activating factor; a systematic review.

Clinical Biochemistry, 60, Pages 1-10, 2018

Nomikos, T., Fragopoulou, E., Antonopoulou, S., Panagiotakos, D.B <https://pubmed.ncbi.nlm.nih.gov/30142319/>

107. Suppression of DNA/RNA and protein oxidation by a Aloe gel based dietary supplement: A randomized, double-blind, placebo-controlled trial.

Lipids in Health and Disease, 17(1), art.n.187, 2018

E. Fragopoulou, L. Gavril, C. Argyrou, I. Malagaris, M. Choleva, S. Antonopoulou, G. Afxentiou, E.Nikolaou

<https://pubmed.ncbi.nlm.nih.gov/30115068/>

108. Biomarkers and Gene Polymorphisms in Members of Long- and Short-lived Families: A Longevity Study.

The Open Cardiovascular Medicine Journal, 12(1), 59-70, 2018

V. Kolovou, O. Diakoumakou, A.K Papazafiropoulou, N. Katsiki, E. Fragopoulou, I. Vasiliadis, D. Degiannis, L. Duntas, S. Antonopoulou, G. Kolovou. <https://pubmed.ncbi.nlm.nih.gov/30159092/>

109. Fish consumption and cardiovascular disease related biomarkers: A review of clinical trials

Critical Reviews in Food Science and Nutrition, 59 (13), 2061–2071, 2019

F. Petsini, E. Fragopoulou <https://pubmed.ncbi.nlm.nih.gov/29420061/>

110. Consumption of plant extract supplement reduces platelet activating factor-induced platelet aggregation and increases platelet activating factor catabolism: A randomised, double-blind and placebo-controlled trial.

British Journal of Nutrition, 121(9), 982-991, 2019

L. Gavriil, M. Detopoulou, F. Petsini, S. Antonopoulou E. Fragopoulou <https://pubmed.ncbi.nlm.nih.gov/30940217/>

111. Effects of nut and seed consumption on markers of glucose metabolism in adults with prediabetes: a systematic review of randomized controlled trials.

British Journal of Nutrition, 22(4), 361-375, 2019.

A. Ntzouvani, Nomikos, T., Antonopoulou, S. <https://pubmed.ncbi.nlm.nih.gov/31196252/>

112. Mining possible associations of faecal *A. muciniphila* colonization patterns with host adiposity and cardiometabolic markers in an adult population

Beneficial Microbes, 10(7), 741-749, 2019.

E.K. Mitsou, M. Detopoulou, A. kakali, E. Fragopoulou, T. Nomikos, S. Antonopoulou, D.B. Panagiotakos, A. Kyriakou <https://pubmed.ncbi.nlm.nih.gov/31965843/>

113. Energy intake and plasma adiponectin as potential determinants of lipoprotein-associated phospholipase A2: a cross sectional study

Lipids, 54(10), 629-640, 2019.

A. Ntzouvani, E. Giannopoulou, E. Fragopoulou, T. Nomikos, S. Antonopoulou

<https://pubmed.ncbi.nlm.nih.gov/31489677/>

114. Evaluation of anti-platelet activity of grape pomace extracts

Food & Function, 10(12), 8069-8080, 2019.

M. Choleva, V. Boulougouri, A. Panara, E. Panagopoulou, A. Chiou, N. Thomaidis, S. Antonopoulou, E. Fragopoulou. <https://pubmed.ncbi.nlm.nih.gov/31761914/>

115. Changes of rate of torque development in soccer players after a Loughborough intermittent shuttle test: Effect of bovine colostrum supplementation

Isokinetic Exerc Sci, 28(1), 59-72, 2020.

Kotsis Y, Methenitis S, Mikellidi A, Aresti C, Persia E, Antonopoulou S, Nomikos T

https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340056071&stateKey=CTOF_1340056249&eid=2-s2.0-85081678210

116. The French Paradox three decades later: Role of inflammation and thrombosis

Clinica Chimica Acta, 510, 160–169, 2020

E. Fragopoulou, S. Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/32653485/>

117. Coronavirus 2019, Microthromboses, and Platelet Activating Factor

Clinical Therapeutics, 42(10), 1850-1852, 2020

T.C. Theoharides, S. Antonopoulou, and C.A. Demopoulos <https://pubmed.ncbi.nlm.nih.gov/32883529/>

118. Demopoulos CA, Antonopoulou S, Theoharides TC. CoVid-19, microthromboses, inflammation and Platelet Activating Factor (PAF). Biofactors 2020; 46(6):927-933.

doi: 10.1002/biof.1696. <https://pubmed.ncbi.nlm.nih.gov/33296106/>

119. Adherence to Mediterranean diet is inversely associated with steatosis and fibrosis and decreases ten-year diabetes and cardiovascular risk in NAFLD subjects: results from the ATTICA prospective cohort study

Clinical Nutrition, 40, 3314-3324, 2021

M Kouvari, C Boutari, C Chrysohoou, E Fragkopoulou, S Antonopoulou, D Tousoulis, C Pitsavos, DB Panagiotakos, CS Mantzoros <https://pubmed.ncbi.nlm.nih.gov/33234342/>

120. Associations between red blood cells fatty acids, desaturases indices and metabolism of Platelet Activating Factor in healthy volunteers

Prostaglandins, Leukotrienes and Essential Fatty Acids, 164, Article number 102234, 2021

E. Fragopoulou, P. Detopoulou E. Alepoudea, T. Nomikos, N. Kalogeropoulos, S. Antonopoulou.

<https://pubmed.ncbi.nlm.nih.gov/33373961/>

121. Can Exercise-Induced Muscle Damage Be a Good Model for the Investigation of the Anti-Inflammatory Properties of Diet in Humans?

Biomedicines 9, 36, 2021

S. Methenitis, I. Stergiou, S. Antonopoulou and T. Nomikos <https://pubmed.ncbi.nlm.nih.gov/33466327/>

122. Ntzouvani A, Antonopoulou S, Fragopoulou E, Kontogianni MD, Nomikos T, Mikellidi A, Xanthopoulou M, Kalogeropoulos N, Panagiotakos D. Effect of differently fed farmed gilthead sea bream consumption on platelet aggregation and circulating haemostatic markers among apparently healthy adults: a double-blind randomized crossover trial. Nutrients 2021;13(2):286. doi: 10.3390/nu13020286. <https://pubmed.ncbi.nlm.nih.gov/33498445/>

123. Micronutrients, phytochemicals and Mediterranean diet: a potential protective role against COVID-19 through modulation of PAF actions and metabolism

Nutrients 13(2):462, 2021. doi: 10.3390/nu13020462.

P. Detopoulou, C. Demopoulos, S. Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/33573169/>

124. Association of PAF and its metabolic enzymes with GGT and the Fatty Liver Index in healthy volunteers
Current Vascular Pharmacology, accepted 2021

P. Detopoulou, T. Nomikos, E. Fragopoulou, S. Antonopoulou <https://pubmed.ncbi.nlm.nih.gov/34182909/>

125. Consumption of enriched yogurt with PAF inhibitors from olive pomace affects the major enzymes of PAF metabolism: a randomized, double blind, three arm trial

Biomolecules 11, 801, 2021. doi.org/10.3390/biom11060801

M. Detopoulou, A. Ntzouvani, F. Petsini, L. Gavriil, E. Fragopoulou, S. Antonopoulou
<https://pubmed.ncbi.nlm.nih.gov/34071485/>

126. The effect of moderate wine consumption on cytokine secretion by peripheral blood mononuclear cells: A randomized clinical study in coronary heart disease patients

Cytokine, 2021 Jul 8;146:155629. doi: 10.1016/j.cyto.2021.155629

E. Fragopoulou, C. Argyrou, M. Detopoulou, S. Tsitsou, S. Seremeti, M. Yannakoulia, S. Antonopoulou, G. Kolovou, P. Kalogeropoulos

<https://pubmed.ncbi.nlm.nih.gov/34247040/>

Book chapters

1. PAF, a potent lipid mediator. In: Bioactive Phospholipids: Role in Inflammation and Atherosclerosis. Editor A. Tselepis, 2008. Transworld Research Network. Kerala, India. Antonopoulou, S., Nomikos, T., Karantonis, H.C., Fragopoulou, E. and Demopoulos, C.A.

2. Antithrombotic and antiatherogenic lipid minor constituents from olive oil. In: Olive oil: Minor constituents and health. Editor D. Boskou, Taylor and Francis, 2009. Antonopoulou, S., Karantonis, H.C. and Nomikos, T.

3. Isolation and characterization of cyanobacterial lipids with bioactivity towards platelet-aggregation. In: Protocols on algal and Cyanobacterial Research. Editors Suvendra Nath Bagchi, Diethelm Kleiner and Prasanna Mohanty, Narosa Publishing House, 2010. Antonopoulou, S., Nomikos, T., Fragopoulou, E. and Karantonis, H.C

4. Mediterranean Diet and the Postprandial State: A Focus on Lipemia, Glycemia, and Thrombosis. In: The Mediterranean Diet, Elsevier, Pages 379 – 390, 2015.

Paraskevi Detopoulou, Elizabeth Fragopoulou, Tzortzis Nomikos and Smaragdi

Antonopoulou.https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340133082&stateKey=CTOF_1340133100&eid=2-s2.0-84941922918

5. Dietary intervention studies of fish and FO/MO (Fish oils/marine oils): Focus on secondary prevention of cardiovascular disease and diabetes. In: Marine oils (from sea to pharmaceuticals), NOVA publishers, Pages 113 – 129, January 01, 2015.

Paraskevi Detopoulou, Elizabeth Fragopoulou, Tzortzis Nomikos, and Smaragdi Antonopoulou.
https://www.scopus.com/record/display.uri?src=s&origin=cto&ctold=CTODS_1340133082&stateKey=CTOF_1340133083&eid=2-s2.0-84956819972

6. Postprandial Effects of Wine Consumption Along with a Meal on the Main Pathophysiological Systems. In: Polyphenols: Prevention and treatment of human disease, Second Edition, Volume 2, Edited by Ronald Ross Watson, Victor R. Preedy, Sherma Zibadi, Elsevier, 2018.

E. Fragopoulou, S. Antonopoulou.

https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAAAJ&cstart=20&pagesize=80&sortby=pubdate&citation_for_view=MXM4k-UAAAAJ:XIVPGOgt02cC

7. Mediterranean diet and the postprandial state: a focus on Inflammation, Endothelial dysfunction and Haemostasis. In: The Mediterranean Diet, Second Edition, Elsevier, 2020. Paraskevi Detopoulou, Elizabeth Fragopoulou, Tzortzis Nomikos and Smaragdi Antonopoulou.

https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAAAJ&sortby=pubdate&citation_for_view=MXM4k-UAAAAJ:35r97b3x0nAC

US Patent

1. Production method of fish feed enriched with polar lipids and method to enrich farmed fishes. Constantinos Demopoulos, Smaragdi Antonopoulou, Ioannis Zabetakis, Leonidas Papaharisis. 2015/12/24, No 14765769

https://scholar.google.com/citations?view_op=view_citation&hl=en&user=MXM4k-UAAAAJ&cstart=20&pagesize=80&sortby=pubdate&citation_for_view=MXM4k-UAAAAJ:SP6oXDckpogC

Νικόλαος Γιαννακούρης, Αναπληρωτής Καθηγητής

1. Kechribari, I., Kontogianni, M.D., Fragkopoulou, E., Tenta, R., Georgoulis, M., Lamprou, K., Vagiakis, E., Yiannakouris, N. Adherence to a "Western-type" dietary pattern is positively associated with Apnoea-Hypopnoea Index in patients with Obstructive Sleep Apnoea: a path analysis. (2021) (under review)

2. Georgoulis, M., Yiannakouris, N., Kechribari, I., Lamprou, K., Perraki, E., Vagiakis, E., Kontogianni, M.D. Dose-response relationship between weight loss and improvements in obstructive sleep apnea severity after a diet/lifestyle intervention: secondary analyses of the "MIMOSA" randomized clinical trial. (2021) (under review)

3. Georgoulis, M., Yiannakouris, N., Tenta, R., Kechribari, I., Lamprou, K., Vagiakis, E., Kontogianni, M.D. Improvements in plasma tumor necrosis factor-alpha levels after a weight-loss lifestyle intervention in patients with obstructive sleep apnea (2021) (under review)

- 4.Kechribari, I., Kontogianni, M.D., Georgoulis, M., Lamprou, K., Vagiakis, E., Yiannakouris, N. Higher refined cereal grain intake is positively associated with apnoea-hypopnoea index in patients with obstructive sleep apnoea (2021) Journal of Human Nutrition and Dietetics (in press)
- 5.Georgoulis, M., Yiannakouris, N., Kechribari, I., Lamprou, K., Perraki, E., Vagiakis, E., Kontogianni, M.D. The effectiveness of a weight-loss Mediterranean diet/lifestyle intervention in the management of obstructive sleep apnea: Results of the “MIMOSA” randomized clinical trial (2021) Clinical Nutrition, 40 (3), pp. 850-859. DOI: 10.1016/j.clnu.2020.08.037
- 6.Georgoulis, M., Yiannakouris, N., Tenta, R., Fragopoulou, E., Kechribari, I., Lamprou, K., Perraki, E., Vagiakis, E., Kontogianni, M.D. A weight-loss Mediterranean diet/lifestyle intervention ameliorates inflammation and oxidative stress in patients with obstructive sleep apnea: results of the “MIMOSA” randomized clinical trial (2021) European Journal of Nutrition, DOI: 10.1007/s00394-021-02552-w
- 7.Kechribari, I., Kontogianni, M.D., Georgoulis, M., Lamprou, K., Critselis, E., Vagiakis, E., Yiannakouris, N. Association of adherence to the Mediterranean diet and physical activity habits with the presence of insomnia in patients with obstructive sleep apnea (2021) Sleep and Breathing, DOI: 10.1007/s11325-021-02351-x
- 8.Georgoulis, M., Yiannakouris, N., Kechribari, I., Lamprou, K., Perraki, E., Vagiakis, E., Kontogianni, M.D. Cardiometabolic benefits of a weight-loss Mediterranean diet/lifestyle intervention in patients with obstructive sleep apnea: The “mimosa” randomized clinical trial (2020) Nutrients, 12 (6), art. no. 1570, DOI: 10.3390/nu12061570
- 9.Kechribari, I., Kontogianni, M.D., Georgoulis, M., Lamprou, K., Mourati, I., Vagiakis, E., Yiannakouris, N. Associations between Red Meat Intake and Sleep Parameters in Patients with Obstructive Sleep Apnea (2020) Journal of the Academy of Nutrition and Dietetics, 120 (6), pp. 1042-1053. DOI: 10.1016/j.jand.2019.10.016
- 10.Seal, A.D., Anastasiou, C.A., Skenderi, K.P., Echegaray, M., Yiannakouris, N., Tsekouras, Y.E., Matalas, A.L., Yannakoulia, M., Pechlivani, F., Kavouras, S.A. Incidence of Hyponatremia During a Continuous 246-km Ultramarathon Running Race (2019) Frontiers in Nutrition, 6, art. no. 161, DOI: 10.3389/fnut.2019.00161
- 11.Karayiannis, D., Kontogianni, M.D., Mendorou, C., Mastrominas, M., Yiannakouris, N. Adherence to the Mediterranean diet and IVF success rate among non-obese women attempting fertility (2018) Human Reproduction, 33 (3), pp. 494-502. DOI: 10.1093/humrep/dey003
- 12.Vassiloudis, I., Yiannakouris, N., Panagiotakos, D.B., Apostolopoulos, K., Costarelli, V. Adherence to the Mediterranean diet and specific lifestyle habits are associated with academic performance in Greek adolescents (2017) Mediterranean Journal of Nutrition and Metabolism, 10 (2), pp. 93-103. DOI: 10.3233/MNM-16133
- 13.Zervaki, K., Yiannakouris, N., Sdrali, D., Costarelli, V. Diet quality, disordered eating and health-related quality of life in Greek adolescents (2017) Nutrition and Food Science, 47 (4), pp. 511-521. DOI: 10.1108/NFS-12-2016-0189
- 14.Karayiannis, D., Kontogianni, M.D., Mendorou, C., Douka, L., Mastrominas, M., Yiannakouris, N. Association between adherence to the Mediterranean diet and semen quality parameters in male partners of couples attempting fertility (2017) Human Reproduction, 32 (1), pp. 215-222. DOI: 10.1093/humrep/dew288
- 15.Duell, E.J., Bonet, C., Muñoz, X., Lujan-Barroso, L., Weiderpass, E., Boutron-Ruault, M.-C., Racine, A., Severi, G., Canzian, F., Rizzato, C., Boeing, H., Overvad, K., Tjønneland, A., Argüelles, M., Sánchez-Cantalejo, E., Chamosa, S., Huerta, J.M., Barricarte, A., Khaw, K.-T., Wareham, N., Travis, R.C., Trichopoulou, A., Trichopoulos, D., Yiannakouris, N., Palli, D., Agnoli, C., Tumino, R., Naccarati, A., Panico, S., Bueno-De-Mesquita, H.B., Siersema, P.D., Peeters, P.H.M., Ohlsson, B., Lindkvist, B., Johansson, I., Ye, W., Johansson, M., Fenger, C., Riboli, E., Sala, N., González, C.A. Variation at ABO histo-blood group and FUT loci and diffuse and intestinal gastric cancer risk in a European population (2015) International Journal of Cancer, 136 (4), pp. 880-893. DOI: 10.1002/ijc.29034
- 16.Campa, D., Mergarten, B., De Vivo, I., Boutron-Ruault, M.-C., Racine, A., Severi, G., Nieters, A., Katzke, V.A., Trichopoulou, A., Yiannakouris, N., Trichopoulos, D., Boeing, H., Quirós, J.R., Duell, E.J., Molina-Montes, E., Huerta, J.M., Ardanaz, E., Dorronsoro, M., Khaw, K.-T., Wareham, N., Travis, R.C., Palli, D., Pala, V., Tumino, R., Naccarati, A., Panico, S., Vineis, P., Riboli, E., Siddiq, A., Bueno-de-Mesquita, H.B., Peeters, P.H., Nilsson, P.M., Sund, M., Ye, W., Lund, E., Jareid, M., Weiderpass, E., Duarte-Salles, T., Kong, S.Y., Stepien, M., Canzian, F., Kaaks, R. Leukocyte telomere length in relation to pancreatic cancer risk: A prospective study (2014) Cancer Epidemiology Biomarkers and Prevention, 23 (11), pp. 2447-2454. DOI: 10.1158/1055-9965.EPI-14-0247

- 17.Espinosa-Parrilla, Y., Muñoz, X., Bonet, C., Garcia, N., Venceslá, A., Yiannakouris, N., Naccarati, A., Sieri, S., Panico, S., Huerta, J.M., Barricarte, A., Menéndez, V., Sánchez-Cantalejo, E., Dorronsoro, M., Brennan, P., Duarte-Salles, T., Bueno-De-Mesquita, H.B., Weiderpass, E., Lund, E., Clavel-Chapelon, F., Boutron-Ruault, M.-C., Racine, A., Numans, M.E., Tumino, R., Canzian, F., Campa, D., Sund, M., Johansson, M., Ohlsson, B., Lindkvist, B., Overvad, K., Tjønneland, A., Palli, D., Travis, R.C., Khaw, K.-T., Wareham, N., Boeing, H., Nesi, G., Riboli, E., Gonzalez, C.A., Sala, N. Genetic association of gastric cancer with miRNA clusters including the cancer-related genes MIR29, MIR25, MIR93 and MIR106: Results from the EPIC-EURGAST study (2014) *International Journal of Cancer*, 135 (9), pp. 2065-2076. DOI: 10.1002/ijc.28850
- 18.Georgoulis, M., Kontogianni, M.D., Yiannakouris, N. Mediterranean diet and diabetes: Prevention and treatment (2014) *Nutrients*, 6 (4), pp. 1406-1423. DOI: 10.3390/nu6041406
- 19.Yiannakouris, N., Katsoulis, M., Trichopoulou, A., Ordovalas, J.M., Trichopoulos, D. Additive influence of genetic predisposition and conventional risk factors in the incidence of coronary heart disease: A population-based study in Greece (2014) *BMJ Open*, 4 (2), art. no. e004387. DOI: 10.1136/bmjopen-2013-004387
- 20.Yannakoulia, M., Aggelopoulou, D., Skenderi, K., Koinaki, S., Yiannakouris, N. A Mediterranean-like breakfast affects energy intake and appetite-related feelings (2014) *International Journal of Food Sciences and Nutrition*, 65 (7), pp. 899-902. DOI: 10.3109/09637486.2014.931359
- 21.Vassiloudis, I., Yiannakouris, N., Panagiotakos, D.B., Apostolopoulos, K., Costarelli, V. Academic Performance in Relation to Adherence to the Mediterranean Diet and Energy Balance Behaviors in Greek Primary Schoolchildren (2014) *Journal of Nutrition Education and Behavior*, 46 (3), pp. 164-170. DOI: 10.1016/j.jneb.2013.11.001
- 22.Yiannakouris, N., Cooper, J.A., Shah, S., Drenos, F., Ireland, H.A., Stephens, J.W., Li, K.-W., Elkeles, R., Godsland, I.F., Kivimaki, M., Hingorani, A.D., Kumari, M., Talmud, P.J., Humphries, S.E. IRS1 gene variants, dysglycaemic metabolic changes and type-2 diabetes risk (2012) *Nutrition, Metabolism and Cardiovascular Diseases*, 22 (12), pp. 1024-1030. DOI: 10.1016/j.numecd.2011.05.009
- 23.Yannakoulia, M., Brussee, S.E., Drichoutis, A.C., Kalea, A.Z., Yiannakouris, N., Matalas, A.-L., Klimis-Zacas, D. Food Consumption Patterns in Mediterranean Adolescents: Are There Differences between Overweight and Normal-Weight Adolescents? (2012) *Journal of Nutrition Education and Behavior*, 44 (3), pp. 233-239. DOI: 10.1016/j.jneb.2010.02.005
- 24.Yiannakouris, N., Katsoulis, M., Dilis, V., Parnell, L.D., Trichopoulos, D., Ordovalas, J.M., Trichopoulos, A. Genetic predisposition to coronary heart disease and stroke using an additive genetic risk score: A population-based study in Greece (2012) *Atherosclerosis*, 222 (1), pp. 175-179. DOI: 10.1016/j.atherosclerosis.2012.02.033
- 25.Tenta, R., Kontogianni, M.D., Yiannakouris, N. Association between circulating levels of adiponectin and indices of bone mass and bone metabolism in middle-aged post-menopausal women (2012) *Journal of Endocrinological Investigation*, 35 (3), pp. 306-311. DOI: 10.3275/7744
- 26.Cusano, N.E., Kiel, D.P., Demissie, S., Karasik, D., Adrienne Cupples, L., Corella, D., Gao, Q., Richardson, K., Yiannakouris, N., Ordovalas, J.M. A polymorphism in a gene encoding Perilipin 4 is associated with height but not with bone measures in individuals from the framingham osteoporosis study (2012) *Calcified Tissue International*, 90 (2), pp. 96-107. DOI: 10.1007/s00223-011-9552-7
- 27.Smart, M.C., Dedoussis, G., Yiannakouris, N., Grisoni, M.L., Dror, G.K., Yannakoulia, M., Papoutsakis, C., Louizou, E., Mantzoros, C.S., Melistas, L., Kontogianni, M.D., Cooper, J.A., Humphries, S.E., Talmud, P.J. Genetic variation within IL18 is associated with insulin levels, insulin resistance and postprandial measures (2011) *Nutrition, Metabolism and Cardiovascular Diseases*, 21 (7), pp. 476-484. DOI: 10.1016/j.numecd.2009.12.004
- 28.Talmud, P.J., Yiannakouris, N., Humphries, S.E. Lipoprotein association studies: Taking stock and moving forward (2011) *Current Opinion in Lipidology*, 22 (2), pp. 106-112. DOI: 10.1097/MOL.0b013e3283423f81
- 29.Papoutsakis, C., Manios, Y., Magkos, F., Papaconstantinou, E., Schulpis, K.H., Zampelas, A., Matalas, A.L., Yiannakouris, N. Effect of the methylenetetrahydrofolate reductase (MTHFR 677C>T) polymorphism on plasma homocysteine concentrations in healthy children is influenced by consumption of folate-fortified foods (2010) *Nutrition*, 26 (10), pp. 969-974. DOI: 10.1016/j.nut.2009.09.022

- 30.López-Miranda, J., Pérez-Jiménez, F., Ros, E., De Caterina, R., Badimón, L., Covas, M.I., Escrich, E., Ordovás, J.M., Sorribes, F., Abiá, R., Alarcón de la Lastra, C., Battino, M., Corella, D., Chamorro-Quirós, J., Delgado-Lista, J., Giugliano, D., Esposito, K., Estruch, R., Fernandez-Real, J.M., Gaforio, J.J., La Vecchia, C., Lairon, D., López-Segura, F., Mata, P., Menéndez, J.A., Muriana, F.J., Osada, J., Panagiotakos, D.B., Paniagua, J.A., Pérez-Martínez, P., Perona, J., Peinado, M.A., Pineda-Priego, M., Poulsen, H.E., Quiles, J.L., Ramírez-Tortosa, M.C., Ruano, J., Serra-Majem, L., Solá, R., Solanas, M., Solfrizzi, V., de la Torre-Fornell, R., Trichopoulou, A., Uceda, M., Villalba-Montoro, J.M., Villar-Ortíz, J.R., Visioli, F., Yiannakouris, N. Olive oil and health: Summary of the II international conference on olive oil and health consensus report, Jaén and Córdoba (Spain) 2008 (2010) Nutrition, Metabolism and Cardiovascular Diseases, 20 (4), pp. 284-294. DOI: 10.1016/j.numecd.2009.12.007
- 31.Costarelli, V., Yiannakouris, N. Breast cancer risk in women: the protective role of pregnancy. (2010) Nursing standard (Royal College of Nursing (Great Britain), 24 (18), pp. 35-40. DOI: 10.7748/ns.24.18.35.s50
- 32.Melistas, L., Mantzoros, C.S., Kontogianni, M., Antonopoulou, S., Ordovas, J.M., Yiannakouris, N. Association of the +45T>G and +276G>T polymorphisms in the adiponectin gene with insulin resistance in nondiabetic Greek women (2009) European Journal of Endocrinology, 161 (6), pp. 845-852. DOI: 10.1530/EJE-09-0492
- 33.Kontogianni, M.D., Melistas, L., Yannakoulia, M., Malagaris, I., Panagiotakos, D.B., Yiannakouris, N. Association between dietary patterns and indices of bone mass in a sample of Mediterranean women (2009) Nutrition, 25 (2), pp. 165-171. DOI: 10.1016/j.nut.2008.07.019
- 34.Kontogianni, M.D., Yiannakouris, N. Diet and Bone Health: the perspective of dietary pattern analysis (2009) Eur. Musculoskeletal Rev. 4(1): 73-74.
- 35.Stefanidis, I., Kytoudis, K., Papathanasiou, A.A., Zaragotas, D., Melistas, L., Kitsios, G.D., Yiannakouris, N., Zintzaras, E. XbaI GLUT1 gene polymorphism and the risk of type 2 diabetes with nephropathy (2009) Disease Markers, 27 (1), pp. 29-35. DOI: 10.3233/DMA-2009-0648
- 36.Perez-Martinez, P., Corella, D., Shen, J., Arnett, D.K., Yiannakouris, N., Tai, E.S., Orho-Melander, M., Tucker, K.L., Tsai, M., Straka, R.J., Province, M., Chew, S.K., Perez-Jimenez, F., Lai, C.-Q., Lopez-Miranda, J., Guillen, M., Parnell, L.D., Borecki, I., Kathiresan, S., Ordovas, J.M. Association between glucokinase regulatory protein (GCKR) and apolipoprotein A5 (APOA5) gene polymorphisms and triacylglycerol concentrations in fasting, postprandial, and fenofibrate-treated states (2009) American Journal of Clinical Nutrition, 89 (1), pp. 391-399. DOI: 10.3945/ajcn.2008.26363
- 37.Yannakoulia, M., Yiannakouris, N., Melistas, L., Fappa, E., Vidra, N., Kontogianni, M.D., Mantzoros, C.S. Dietary factors associated with plasma high molecular weight and total adiponectin levels in apparently healthy women (2008) European Journal of Endocrinology, 159 (4), pp. R5-R10. DOI: 10.1530/EJE-08-0331
- 38.Yannakoulia, M., Yiannakouris, N., Melistas, L., Kontogianni, M.D., Malagaris, I., Mantzoros, C.S. A dietary pattern characterized by high consumption of whole-grain cereals and low-fat dairy products and low consumption of refined cereals is positively associated with plasma adiponectin levels in healthy women (2008) Metabolism: Clinical and Experimental, 57 (6), pp. 824-830. DOI: 10.1016/j.metabol.2008.01.027
- 39.Trichopoulou, A., Yiannakouris, N., Bamia, C., Benetou, V., Trichopoulos, D., Ordovas, J.M. Genetic predisposition, nongenetic risk factors, and coronary infarct (2008) Archives of Internal Medicine, 168 (8), pp. 891-896. DOI: 10.1001/archinte.168.8.891
- 40.Perez-Martinez, P., Yiannakouris, N., Lopez-Miranda, J., Arnett, D., Tsai, M., Galan, E., Straka, R., Delgado-Lista, J., Province, M., Ruano, J., Borecki, I., Hixson, J., Garcia-Bailo, B., Perez-Jimenez, F., Ordovas, J.M. Postprandial triacylglycerol metabolism is modified by the presence of genetic variation at the perilipin (PLIN) locus in 2 white populations (2008) American Journal of Clinical Nutrition, 87 (3), pp. 744-752. DOI: 10.1093/ajcn/87.3.744
- 41.Smith, C.E., Tucker, K.L., Yiannakouris, N., Garcia-Bailo, B., Mattei, J., Lai, C.-Q., Parnell, L.D., Ordovás, J.M. Perilipin polymorphism interacts with dietary carbohydrates to modulate anthropometric traits in hispanics of Caribbean origin (2008) Journal of Nutrition, 138 (10), pp. 1852-1858. DOI: 10.1093/jn/138.10.1852

- 42.Humphries, S.E., Yiannakouris, N., Talmud, P.J. Cardiovascular disease risk prediction using genetic information (gene scores): Is it really informative? (2008) Current Opinion in Lipidology, 19 (2), pp. 128-132. DOI: 10.1097/MOL.0b013e3282f5283e
- 43.Mavragani, C.P., Yiannakouris, N., Zintzaras, E., Melistas, L., Ritis, K., Skopouli, F.N. Analysis of SAA1 gene polymorphisms in the Greek population: Rheumatoid arthritis and FMF patients relative to normal controls. Homogeneous distribution and low incidence of AA amyloidosis (2007) Amyloid, 14 (4), pp. 271-275. DOI: 10.1080/13506120701614008
- 44.Yannakoulia, M., Melistas, L., Solomou, E., Yiannakouris, N. Association of eating frequency with body fatness in pre- and postmenopausal women (2007) Obesity, 15 (1), pp. 100-106. DOI: 10.1038/oby.2007.503
- 45.Klimis-Zacas, D.J., Kalea, A.Z., Yannakoulia, M., Matalas, A.-L., Vassilakou, T., Papoutsakis-Tsarouhas, C., Yiannakouris, N., Polychronopoulos, E., Passos, M. Dietary intakes of Greek urban adolescents do not meet the recommendations (2007) Nutrition Research, 27 (1), pp. 18-26. DOI: 10.1016/j.nutres.2006.12.004
- 46.Dedoussis, G.V.Z., Theodoraki, E.V., Manios, Y., Yiannakouris, N., Panagiotakos, D., Papoutsakis, C., Skenderi, K., Zampelas, A. The Pro12Ala polymorphism in PPAR γ 2 gene affects lipid parameters in greek primary school children: A case of gene-to-gender interaction (2007) American Journal of the Medical Sciences, 333 (1), pp. 10-15. DOI: 10.1097/00000441-200701000-00002
- 47.Yiannakouris, N., Trichopoulou, A., Benetou, V., Psaltopoulou, T., Ordovalas, J.M., Trichopoulos, D. A direct assessment of genetic contribution to the incidence of coronary infarct in the general population Greek EPIC cohort (2006) European Journal of Epidemiology, 21 (12), pp. 859-867. DOI: 10.1007/s10654-006-9070-5
- 48.Skenderi, K.P., Kavouras, S.A., Anastasiou, C.A., Yiannakouris, N., Matalas, A.-L. Exertional rhabdomyolysis during a 246-km continuous running race (2006) Medicine and Science in Sports and Exercise, 38 (6), pp. 1054-1057. DOI: 10.1249/01.mss.0000222831.35897.5f
- 49.Magkos, F., Piperkou, I., Manios, Y., Papoutsakis, C., Yiannakouris, N., Cimponerio, A., Aloumanis, K., Skenderi, K., Papathoma, A., Arvaniti, F., Sialvera, T.E., Christou, D., Zampelas, A. Diet, blood lipid profile and physical activity patterns in primary school children from a semi-rural area of Greece (2006) Journal of Human Nutrition and Dietetics, 19 (2), pp. 101-112. DOI: 10.1111/j.1365-277X.2006.00675.x
- 50.Papoutsakis, C., Yiannakouris, N., Manios, Y., Papaconstantinou, E., Magkos, F., Schulpis, K.H., Zampelas, A., Matalas, A.L. The effect of MTHFR(C677T) genotype on plasma homocysteine concentrations in healthy children is influenced by gender (2006) European Journal of Clinical Nutrition, 60 (2), pp. 155-162. DOI: 10.1038/sj.ejcn.1602280
- 51.Kolovou, G.D., Anagnostopoulou, K.K., Karyofillis, P., Salpea, K.D., Yiannakouris, N., Zarkalis, D., Cokkinos, D.V. Cholesteryl ester transfer protein gene polymorphisms and severity of coronary stenosis (2006) Clinical and Investigative Medicine, 29 (1), pp. 14-19.
- 52.Thalmann, M., Sodeck, G.H., Kavouras, S., Matalas, A., Skenderi, K., Yannikouris, N., Domanovits, H. Proton pump inhibition prevents gastrointestinal bleeding in ultramarathon runners: A randomised, double blinded, placebo controlled study (2006) British Journal of Sports Medicine, 40 (4), pp. 359-362. DOI: 10.1136/bjsm.2005.024463
- 53.Gavrila, A., Chan, J.L., Miller, L.C., Heist, K., Yiannakouris, N., Mantzoros, C.S. Circulating melanin-concentrating hormone, agouti-related protein, and α -melanocyte-stimulating hormone levels in relation to body composition: Alterations in response to food deprivation and recombinant human leptin administration (2005) Journal of Clinical Endocrinology and Metabolism, 90 (2), pp. 1047-1054. DOI: 10.1210/jc.2004-1124
- 54.Kolovou, G.D., Anagnostopoulou, K.K., Mikhailidis, D.P., Panagiotakos, D.B., Pilatis, N.D., Cariolou, M.A., Yiannakouris, N., Degiannis, D., Stavridis, G., Cokkinos, D.V. Association of apolipoprotein E genotype with early onset of coronary heart disease in Greek men (2005) Angiology, 56 (6), pp. 663-670. DOI: 10.1177/000331970505600603
- 55.Papoutsakis, C., Yiannakouris, N., Manios, Y., Papaconstantinou, E., Magkos, F., Schulpis, K.H., Zampelas, A., Matalas, A.L. Plasma homocysteine concentrations in greek children are influenced by an interaction between the methylenetetrahydrofolate reductase C677T genotype and folate status (2005) Journal of Nutrition, 135 (3), pp. 383-388. DOI: 10.1093/jn/135.3.383

- 56.Paschos, G.K., Yiannakouris, N., Rallias, L.S., Davies, I., Griffin, B.A., Panagiotakos, D.B., Skopouli, F.N., Votreas, V., Zampelas, A. Apolipoprotein E genotype in dyslipidemic patients and response of blood lipids and inflammatory markers to alpha-linolenic acid (2005) *Angiology*, 56 (1), pp. 49-60. DOI: 10.1177/000331970505600107
- 57.Manios, Y., Yiannakouris, N., Papoutsakis, C., Moschonis, G., Magkos, F., Skenderi, K., Zampelas, A. Behavioral and physiological indices related to BMI in a cohort of primary schoolchildren in Greece (2004) *American Journal of Human Biology*, 16 (6), pp. 639-647. DOI: 10.1002/ajhb.20075
- 58.Yannakoulia, M., Matalas, A.-L., Yiannakouris, N., Papoutsakis, C., Passos, M., Klimis-Zacas, D. Disordered eating attitudes: An emerging health problem among Mediterranean adolescents (2004) *Eating and Weight Disorders*, 9 (2), pp. 126-133. DOI: 10.1007/BF03325056
- 59.Dedoussis, G.V.Z., Manios, Y., Choumerianou, D.M., Yiannakouris, N., Panagiotakos, D.B., Skenderi, K., Zampelas, A. The IL-6 gene G-174C polymorphism related to health indices in Greek primary school children (2004) *Obesity Research*, 12 (7), pp. 1037-1041. DOI: 10.1038/oby.2004.130
- 60.Yiannakouris, N., Melistas, L., Kontogianni, M., Heist, K., Mantzoros, C.S. The Val81 missense mutation of the melanocortin 3 receptor gene, but not the 1908C/T nucleotide polymorphism in lamin A/C gene, is associated with hyperleptinemia and hyperinsulinemia in obese Greek Caucasians (2004) *Journal of Endocrinological Investigation*, 27 (8), pp. 714-720. DOI: 10.1007/BF03347511
- 61.Chan, J.L., Bullen, J., Lee, J.H., Yiannakouris, N., Mantzoros, C.S. Ghrelin Levels Are Not Regulated by Recombinant Leptin Administration and/or Three Days of Fasting in Healthy Subjects (2004) *Journal of Clinical Endocrinology and Metabolism*, 89 (1), pp. 335-343. DOI: 10.1210/jc.2003-031412
- 62.Lee, J.H., Chan, J.L., Yiannakouris, N., Kontogianni, M., Estrada, E., Seip, R., Orlova, C., Mantzoros, C.S. Circulating Resistin Levels Are Not Associated with Obesity or Insulin Resistance in Humans and Are Not Regulated by Fasting or Leptin Administration: Cross-Sectional and Interventional Studies in Normal, Insulin-Resistant, and Diabetic Subjects (2003) *Journal of Clinical Endocrinology and Metabolism*, 88 (10), pp. 4848-4856. DOI: 10.1210/jc.2003-030519
- 63.Gavrila, A., Chan, J.L., Yiannakouris, N., Kontogianni, M., Miller, L.C., Orlova, C., Mantzoros, C.S. Serum Adiponectin Levels Are Inversely Associated with Overall and Central Fat Distribution but Are Not Directly Regulated by Acute Fasting or Leptin Administration in Humans: Cross-Sectional and Interventional Studies (2003) *Journal of Clinical Endocrinology and Metabolism*, 88 (10), pp. 4823-4831. DOI: 10.1210/jc.2003-030214
- 64.Yannakoulia, M., Yiannakouris, N., Blüher, S., Matalas, A.-L., Klimis-Zacas, D., Mantzoros, C.S. Body fat mass and macronutrient intake in relation to circulating soluble leptin receptor, free leptin index, adiponectin, and resistin concentrations in healthy humans (2003) *Journal of Clinical Endocrinology and Metabolism*, 88 (4), pp. 1730-1736. DOI: 10.1210/jc.2002-021604
- 65.Zampelas, A., Paschos, G., Rallidis, L., Yiannakouris, N. Linoleic acid to alpha-linolenic acid ratio. From clinical trials to inflammatory markers of coronary artery disease. (2003) *World review of nutrition and dietetics*, 92, pp. 92-108.
- 66.Kolovou, G.D., Daskalova, D.Ch., Hatzivassiliou, M., Yiannakouris, N., Pilatis, N.D., Elisaf, M., Mikhailidis, D.P., Cariolou, M.A., Cokkinos, D.V. The epsilon 2 and 4 alleles of apolipoprotein E and ischemic vascular events in the Greek population - Implications for the interpretation of similar studies (2003) *Angiology*, 54 (1), pp. 51-58. DOI: 10.1177/000331970305400107
- 67.Kolovou, G., Yiannakouris, N., Hatzivassiliou, M., Malakos, J., Daskalova, D., Hatzigeorgiou, G., Cariolou, M.A., Cokkinos, D.V. Association of apolipoprotein E polymorphism with myocardial infarction in Greek patients with coronary artery disease (2002) *Current Medical Research and Opinion*, 18 (3), pp. 118-124. DOI: 10.1185/030079902125000444
- 68.Chan, J.L., Blüher, S., Yiannakouris, N., Suchard, M.A., Kratzsch, J., Mantzoros, C.S. Regulation of circulating soluble leptin receptor levels by gender, adiposity, sex steroids, and leptin observational and interventional studies in humans (2002) *Diabetes*, 51 (7), pp. 2105-2112. DOI: 10.2337/diabetes.51.7.2105

- 69.Zampelas, A., Hourdakis, M., Yiannakouris, N. The Mediterranean diet and coronary heart disease (2001) The Mediterranean Diet: Constituents and Health Promotion, pp. 243-291.
- 70.Yiannakouris, N., Yannakoulia, M., Melistas, L., Chan, J.L., Klimis-Zacas, D., Mantzoros, C.S. The Q223R polymorphism of the leptin receptor gene is significantly associated with obesity and predicts a small percentage of body weight and body composition variability (2001) Journal of Clinical Endocrinology and Metabolism, 86 (9), pp. 4434-4439. DOI: 10.1210/jcem.86.9.7842
- 71.Yiannakouris, N., Valcana, J. Differences in pattern of release of triiodothyronine (T3) and tetraiodothyronine (T4) associated receptors from chromatin by micrococcal nuclease (1998) Hormone and Metabolic Research, 30 (1), pp. 7-11. DOI: 10.1055/s-2007-978823
- 72.Yiannakouris, N., Valcana, T. Effects of hypothyroidism on RNA synthesis in the adult rat brain (1994) Neurochemical Research, 19 (10), pp. 1325-1332. DOI: 10.1007/BF01006825

Γεώργιος Δεδούσης, Καθηγητής

- 1.Amerikanou C, Papada E, Gioxari A, Smyrnioudis I, Kleftaki SA, Valsamidou E, Bruns V, Banerjee R, Trivella MG, Milic N, Medić-Stojanoska M, Gastaldelli A, Kannt A; MASTHEALTH, Dedoussis GV, Kaliora AC. Mastiha has efficacy in immune-mediated inflammatory diseases through a microRNA-155 Th17 dependent action. Pharmacol Res. 2021 Jul 2:105753. doi: 10.1016/j.phrs.2021.105753. Epub ahead of print. PMID: 34224858.
- 2.Kanoni S, Kumar S, Amerikanou C, Kurth MJ, Stathopoulou MG, Bourgeois S, Masson C, Kannt A, Cesarini L, Kontoe MS, Milanović M, Roig FJ, Beribaka M, Campolo J, Jiménez-Hernández N, Milošević N, Llorens C, Smyrnioudis I, Francino MP, Milić N, Kaliora AC, Trivella MG, Ruddock MW, Medić-Stojanoska M, Gastaldelli A, Lamont J, Deloukas P, Dedoussis GV, Visvikis-Siest S. Nutrigenetic Interactions Might Modulate the Antioxidant and Anti-Inflammatory Status in Mastiha-Supplemented Patients With NAFLD. Front Immunol. 2021 May 7;12:683028. doi: 10.3389/fimmu.2021.683028. PMID: 34025683; PMCID: PMC8138178.
- 3.Amerikanou C, Kanoni S, Kaliora AC, Barone A, Bjelan M, D'Auria G, Gioxari A, Gosalbes MJ, Mouchti S, Stathopoulou MG, Soriano B, Stojanoski S, Banerjee R, Halabalaki M, Mikropoulou EV, Kannt A, Lamont J, Llorens C, Marascio F, Marascio M, Roig FJ, Smyrnioudis I, Varlamis I, Visvikis-Siest S, Vukic M, Milic N, Medic-Stojanoska M, Cesarini L, Campolo J, Gastaldelli A, Deloukas P, Trivella MG, Francino MP, Dedoussis GV; MAST4HEALTH consortium. Effect of Mastiha supplementation on NAFLD: The MAST4HEALTH Randomised, Controlled Trial. Mol Nutr Food Res. 2021 May;65(10):e2001178. doi: 10.1002/mnfr.202001178.

4.Gilly A, Southam L, Suveges D, Kuchenbaecker K, Moore R, Melloni GEM, Hatzikotoulas K, Farmaki AE, Ritchie G, Schwartzentruber J, Danecek P, Kilian B, Pollard MO, Ge X, Tsafantakis E, Dedoussis G, Zeggini E. Very low-depth whole-genome sequencing in complex trait association studies. *Bioinformatics*. 2019 Aug 1;35(15):2555-2561. doi: 10.1093/bioinformatics/bty1032.

5.Lagou V, Mägi R, Hottenga JJ, Grallert H, Perry JRB, Bouatia-Naji N, Marullo L, Rybin D, Jansen R, Min JL, Dimas AS, Ulrich A, Zudina L, Gådin JR, Jiang L, Faggian A, Bonnefond A, Fadista J, Stathopoulou MG, Isaacs A, Willems SM, Navarro P, Tanaka T, Jackson AU, Montasser ME, O'Connell JR, Bielak LF, Webster RJ, Saxena R, Stafford JM, Pourcain BS, Timpson NJ, Salo P, Shin SY, Amin N, Smith AV, Li G, Verweij N, Goel A, Ford I, Johnson PCD, Johnson T, Kapur K, Thorleifsson G, Strawbridge RJ, Rasmussen-Torvik LJ, Esko T, Mihailov E, Fall T, Fraser RM, Mahajan A, Kanoni S, Giedraitis V, Kleber ME, Silbernagel G, Meyer J, Müller-Nurasyid M, Ganna A, Sarin AP, Yengo L, Shungin D, Luan J, Horikoshi M, An P, Sanna S, Boettcher Y, Rayner NW, Nolte IM, Zemunik T, Iperen EV, Kovacs P, Hastie ND, Wild SH, McLachlan S, Campbell S, Polasek O, Carlson O, Egan J, Kiess W, Willemsen G, Kuusisto J, Laakso M, Dimitriou M, Hicks AA, Rauramaa R, Bandinelli S, Thorand B, Liu Y, Miljkovic I, Lind L, Doney A, Perola M, Hingorani A, Kivimaki M, Kumari M, Bennett AJ, Groves CJ, Herder C, Koistinen HA, Kinnunen L, Faire U, Bakker SJL, Uusitupa M, Palmer CNA, Jukema JW, Sattar N, Pouta A, Snieder H, Boerwinkle E, Pankow JS, Magnusson PK, Krus U, Scapoli C, de Geus EJCN, Blüher M, Wolffenbuttel BHR, Province MA, Abecasis GR, Meigs JB, Hovingh GK, Lindström J, Wilson JF, Wright AF, Dedoussis GV, Bornstein SR, Schwarz PEH, Tönjes A, Winkelmann BR, Boehm BO, März W, Metspalu A, Price JF, Deloukas P, Körner A, Lakka TA, Keinanen-Kiukaanniemi SM, Saaristo TE, Bergman RN, Tuomilehto J, Wareham NJ, Langenberg C, Männistö S, Franks PW, Hayward C, Vitart V, Kaprio J, Visvikis-Siest S, Balkau B, Altshuler D, Rudan I, Stumvoll M, Campbell H, van Duijn CM, Gieger C, Illig T, Ferrucci L, Pedersen NL, Pramstaller PP, Boehnke M, Frayling TM, Shuldiner AR, Peyser PA, Kardia SLR, Palmer LJ, Penninx BW, Meneton P, Harris TB, Navis G, Harst PV, Smith GD, Forouhi NG, Loos RJF, Salomaa V, Soranzo N, Boomsma DI, Groop L, Tuomi T, Hofman A, Munroe PB, Gudnason V, Siscovick DS, Watkins H, Lecoeur C, Vollenweider P, Franco-Cereceda A, Eriksson P, Jarvelin MR, Stefansson K, Hamsten A, Nicholson G, Karpe F, Dermitzakis ET, Lindgren CM, McCarthy MI, Froguel P, Kaakinen MA, Lyssenko V, Watanabe RM, Ingelsson E, Florez JC, Dupuis J, Barroso I, Morris AP, Prokopenko I; Meta-Analyses of Glucose and Insulin-related traits Consortium (MAGIC). Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nat Commun*. 2021 Jan 5;12(1):24. doi: 10.1038/s41467-020-19366-9.

6.Kafyra M, Kalafati IP, Kumar S, Kontoe MS, Masson C, Siest S, Dedoussis GV. Dietary Patterns, Blood Pressure and the Glycemic and Lipidemic Profile of Two Teenage, European Populations. *Nutrients*. 2021 Jan 10;13(1):198. doi: 10.3390/nu13010198..

7.Mitsopoulou AV, Magriplis E, Michas G, Micha R, Chourdakis M, Chrousos GP, Roma E, Panagiotakos DB, Zampelas A, Karageorgou D, Bakogianni I, Dimakopoulos I, Ntouropoulou T, Tsaniklidou SM, Argyri K, Fappa E, Theodoraki EM, Trichia E, Sialvera TE, Varytimiadi A, Spyreli E, Koutelidakis A, Karlis G, Zacharia S, Papageorgiou A, Dedoussis G, Dimitriadis G, Manios I. Micronutrient dietary intakes and their food sources in adults: the Hellenic National Nutrition and Health Survey (HNNHS) J Hum Nutr Diet. 2021 Jan 26. doi: 10.1111/jhn.12840.

8.Ahluwalia TS, Prins BP, Abdollahi M, Armstrong NJ, Aslibekyan S, Bain L, Jefferis B, Baumert J, Beekman M, Ben-Shlomo Y, Bis JC, Mitchell BD, de Geus E, Delgado GE, Marek D, Eriksson J, Kajantie E, Kanoni S, Kemp JP, Lu C, Marioni RE, McLachlan S, Milaneschi Y, Nolte IM, Petrelis AM, Porcu E, Sabater-Lleal M, Naderi E, Seppälä I, Shah T, Singhal G, Standl M, Teumer A, Thalamuthu A, Thiering E, Trompet S, Ballantyne CM, Benjamin EJ, Casas JP, Toben C, Dedoussis G, Deelen J, Durda P, Engmann J, Feitosa MF, Grallert H, Hammarstedt A, Harris SE, Homuth G, Hottenga JJ, Jalkanen S, Jamshidi Y, Jawahar MC, Jess T, Kivimaki M, Kleber ME, Lahti J, Liu Y, Marques-Vidal P, Mellström D, Mooijaart SP, Müller-Nurasyid M, Penninx B, Revez JA, Rossing P, Räikkönen K, Sattar N, Scharnagl H, Sennblad B, Silveira A, Pourcain BS, Timpson NJ, Trollor J; CHARGE Inflammation Working Group, van Dongen J, Van Heemst D, Visvikis-Siest S, Vollenweider P, Völker U, Waldenberger M, Willemsen G, Zabaneh D, Morris RW, Arnett DK, Baune BT, Boomsma DI, Chang YC, Deary IJ, Deloukas P, Eriksson JG, Evans DM, Ferreira MA, Gaunt T, Gudnason V, Hamsten A, Heinrich J, Hingorani A, Humphries SE, Jukema JW, Koeing W, Kumari M, Kutzlik Z, Lawlor DA, Lehtimäki T, März W, Mather K, Naitza S, Nauck M, Ohlsson C, Price JF, Raitakari O, Rice K, Sachdev PS, Slagboom E, Sørensen TIA, Spector T, Stacey D, Stathopoulou MG, Tanaka T, Wannamethee SG, Whincup P, Rotter JL, Dehghan A, Boerwinkle E, Psaty BM, Snieder H, Alizadeh BZ. Genome-Wide Association Study of Circulating Interleukin 6 Levels Identifies Novel Loci. *Hum Mol Genet*. 2021 Jan 30:ddab023. doi: 10.1093/hmg/ddab023.

9.Amanatidou AI, Dedoussis GV. Construction and analysis of protein-protein interaction network of non-alcoholic fatty liver disease. *Comput Biol Med*. 2021 Apr;131:104243. doi: 10.1016/j.combiomed.2021.104243.

- 10.Giardoglu P, Bournele D, Park M, Kanoni S, Dedoussis GV, Steinberg SF, Deloukas P, Beis D.A zebrafish forward genetic screen identifies an indispensable threonine residue in the kinase domain of PRKD2. *Biol Open*. 2021 Mar 9;10(3):bio058542. doi: 10.1242/bio.058542.
- 11.Amerikanou C, Kanoni S, Kaliora AC, Barone A, Bjelan M, D'Auria G, Gioxari A, Gosalbes MJ, Mouchti S, Stathopoulou MG, Soriano B, Stojanowski S, Banerjee R, Halabalaki M, Mikropoulou EV, Kannt A, Lamont J, Llorens C, Marascio F, Marascio M, Roig FJ, Smyrniosidis I, Varlamis I, Visvikis-Siest S, Vukic M, Milic N, Medic-Stojanowska M, Cesarini L, Campolo J, Gastaldelli A, Deloukas P, Trivella MG, Francino MP, Dedoussis GV. Effect of Mastihä supplementation on NAFLD: The MAST4HEALTH Randomised, Controlled Trial. *Mol Nutr Food Res*. 2021 Feb 24:e2001178. doi: 10.1002/mnfr.202001178.
- 12.Surendran P, Feofanova EV, Lahrouchi N, Ntalla I, Karthikeyan S, Cook J, Chen L, Mifsud B, Yao C, Kraja AT, Cartwright JH, Hellwege JN, Giri A, Tragante V, Thorleifsson G, Liu DJ, Prins BP, Stewart ID, Cabrera CP, Eales JM, Akbarov A, Auer PL, Bielak LF, Bis JC, Braithwaite VS, Brody JA, Daw EW, Warren HR, Drenos F, Nielsen SF, Faul JD, Fauman EB, Fava C, Ferreira T, Foley CN, Franceschini N, Gao H, Giannakopoulou O, Julianini F, Gudbjartsson DF, Guo X, Harris SE, Havulinna AS, Helgadottir A, Huffman JE, Hwang SJ, Kanoni S, Kontto J, Larson MG, Li-Gao R, Lindström J, Lotta LA, Lu Y, Luan J, Mahajan A, Mallerba G, Masca NGD, Mei H, Menni C, Mook-Kanamori DO, Mosen-Ansorena D, Müller-Nurasyid M, Paré G, Paul DS, Perola M, Poveda A, Rauramaa R, Richard M, Richardson TG, Sepúlveda N, Sim X, Smith AV, Smith JA, Staley JR, Stanáková A, Sulem P, Thériault S, Thorsteinsdóttir U, Trompet S, Varga TV, Velez Edwards DR, Veronesi G, Weiss S, Willems SM, Yao J, Young R, Yu B, Zhang W, Zhao JH, Zhao W, Zhao W, Evangelou E, Aeschbacher S, Asllanaj E, Blankenberg S, Bonnycastle LL, Bork-Jensen J, Brandslund I, Braund PS, Burgess S, Cho K, Christensen C, Connell J, Mutsert R, Dominicak AF, Dörr M, Eiriksdottir G, Farmaki AE, Gaziano JM, Grarup N, Grove ML, Hallmans G, Hansen T, Have CT, Heiss G, Jørgensen ME, Jousilahti P, Kajantie E, Kamat M, Käräjämäki A, Karpe F, Koistinen HA, Kovatsy CP, Kuulasmaa K, Laatikainen T, Lannfelt L, Lee IT, Lee WJ; LifeLines Cohort Study, Linneberg A, Martin LW, Moitry M, Nadkarni G, Neville MJ, Palmer CNA, Papanicolaou GJ, Pedersen O, Peters J, Poulter N, Rasheed A, Rasmussen KL, Rayner NW, Mägi R, Renström F, Rettig R, Rossouw J, Schreiner PJ, Sever PS, Sigurdsson EL, Skaaby T, Sun YV, Sundstrom J, Thorgeirsson G, Esko T, Trabetti E, Tsao PS, Tuomi T, Turner ST, Tzoulaki I, Vaartjes I, Vergnaud AC, Willer CJ, Wilson PWF, Witte DR, Yonova-Doing E, Zhang H, Aliya N, Almgren P, Amouyal P, Asselbergs FW, Barnes MR, Blakemore AI, Bohnke M, Bots ML, Bottinger EP, Buring JE, Chambers JC, Chen YI, Chowdhury R, Conen D, Correa A, Davey Smith G, Boer RA, Deary IJ, Dedoussis G, Deloukas P, Di Angelantonio E, Elliott P; EPIC-CVD; EPIC-InterAct, Felix SB, Ferrières J, Ford I, Fornage M, Franks PW, Franks S, Frossard P, Gambaro G, Gaunt TR, Groop L, Gudnason V, Harris TB, Hayward C, Hennig BJ, Herzig KH, Ingelsson E, Tuomilehto J, Järvelin MR, Jukema JW, Kardia SLR, Kee F, Kooner JS, Kooperberg C, Launer LJ, Lind L, Loos RJF, Majumder AAS, Laakso M, McCarthy MI, Melander O, Mohlke KL, Murray AD, Nordestgaard BG, Orho-Melander M, Packard CJ, Padmanabhan S, Palmas W, Polasek O, Porteous DJ, Prentice AM, Province MA, Relton CL, Rice K, Ridker PM, Rolandsson O, Rosendaal FR, Rotter JL, Rudan I, Salomaa V, Samani NJ, Sattar N, Sheu WH, Smith BH, Soranzo N, Spector TD, Starr JM, Sebert S, Taylor KD, Lakka TA, Timpson NJ, Tobin MD; Understanding Society Scientific Group, van der Harst P, van der Meer P, Ramachandran VS, Verweij N, Virtamo J, Völker U, Weir DR, Zeggini E, Charchar FJ; Million Veteran Program, Wareham NJ, Langenberg C, Tomaszewski M, Butterworth AS, Caulfield MJ, Danesh J, Edwards TL, Holm H, Hung AM, Lindgren CM, Liu C, Manning AK, Morris AP, Morrison AC, O'Donnell CJ, Psaty BM, Saleheen D, Stefansson K, Boerwinkle E, Chasman DI, Levy D, Newton-Cheh C, Munroe PB, Howson JMM. Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nat Genet*. 2020 Dec;52(12):1314-1332. doi: 10.1038/s41588-020-00713-x.
- 13.Vogelezang S, Bradfield JP, Ahluwalia TS, Curtin JA, Lakka TA, Grarup N, Scholz M, van der Most PJ, Monnereau C, Stergiakouli E, Heiskala A, Horikoshi M, Fedko IO, Vilor-Tejedor N, Cousminer DL, Standl M, Wang CA, Viikari J, Geller F, Íñiguez C, Pitkänen N, Chesi A, Bacelis J, Yengo L, Torrent M, Ntalla I, Helgeland Ø, Selzam S, Vonk JM, Zafarmand MH, Heude B, Farooqi IS, Alyass A, Beaumont RN, Have CT, Rzezak P, Bilbao JR, Schnurr TM, Barroso I, Bønnelykke K, Beilin LJ, Carstensen L, Charles MA, Chawes B, Clément K, Closa-Monasterolo R, Custovic A, Eriksson JG, Escribano J, Groen-Blokhus M, Grote V, Grusfeld D, Hakonarson H, Hansen T, Hattersley AT, Hollensted M, Hottenga JJ, Hyppönen E, Johansson S, Joro R, Kähönen M, Karhunen V, Kiess W, Knight BA, Koletzko B, Kühnapfel A, Landgraf K, Langhendries JP, Lehtimäki T, Leinonen JT, Li A, Lindi V, Lowry E, Bustamante M, Medina-Gomez C, Melbye M, Michaelsen KF, Morgen CS, Mori TA, Nielsen TRH, Niinikoski H, Oldehinkel AJ, Pahkala K, Panoutsopoulou K, Pedersen O, Pennell CE, Power C, Reijneveld SA, Rivadeneira F, Simpson A, Sly PD, Stokholm J, Teo KK, Thiering E, Timpson NJ, Uitterlinden AG, van Beijsterveldt CEM, van Schaik BDC, Vaudel M, Verduci E, Vinding RK, Vogel M, Zeggini E, Sebert S, Lind MV, Brown CD, Santa-Marina L, Reischl E, Frithioff-Bøjsøe C, Meyre D, Wheeler E, Ong K, Nohr EA, Vrijkotte TGM, Koppelman GH, Plomin R, Njølstad PR, Dedoussis GD, Froguel P, Sørensen TIA, Jacobsson B, Freathy RM, Zemel BS, Raitakari O, Vrijheid M, Feenstra B, Lyytikäinen LP, Snieder H, Kirsten H, Holt PG, Heinrich J, Widén E, Sunyer J, Boomsma DI, Järvelin MR, Körner A, Davey Smith G, Holm JC, Atalay M, Murray C, Bisgaard H, McCarthy MI; Early Growth Genetics Consortium, Jaddoe VWV, Grant SFA, Felix JF.

Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genet. 2020 Oct 12;16(10):e1008718. doi: 10.1371/journal.pgen.1008718.

- 14.Gilly A, Park YC, Png G, Barysenka A, Fischer I, Bjørnland T, Southam L, Suveges D, Neumeyer S, Rayner NW, Tsafantakis E, Karaleftheri M, Dedoussis G, Zeggini E. Whole-genome sequencing analysis of the cardiometabolic proteome. *Nat Commun.* 2020 Dec 10;11(1):6336. doi: 10.1038/s41467-020-20079-2.
15. Zheng Y, Huang T, Wang T, Mei Z, Sun Z, Zhang T, Ellervik C, Chai JF, Sim X, van Dam RM, Tai ES, Koh WP, Dorajoo R, Saw SM, Sabanayagam C, Wong TY, Gupta P, Rossing P, Ahluwalia TS, Vinding RK, Bisgaard H, Bønnelykke K, Wang Y, Graff M, Voortman T, van Rooij FJA, Hofman A, van Heemst D, Noordam R, Estampador AC, Varga TV, Enzenbach C, Scholz M, Thiery J, Burkhardt R, Orho-Melander M, Schulz CA, Ericson U, Sonestedt E, Kubo M, Akiyama M, Zhou A, Kilpeläinen TO, Hansen T, Kleber ME, Delgado G, McCarthy M, Lemaitre RN, Felix JF, Jaddoe VWV, Wu Y, Mohlke KL, Lehtimäki T, Wang CA, Pennell CE, Schunkert H, Kessler T, Zeng L, Willenborg C, Peters A, Lieb W, Grote V, Rzehak P, Koletzko B, Erdmann J, Munz M, Wu T, He M, Yu C, Lecoeur C, Froguel P, Corella D, Moreno LA, Lai CQ, Pitkänen N, Boreham CA, Ridker PM, Rosendaal FR, de Mutsert R, Power C, Paternoster L, Sørensen TIA, Tjønneland A, Overvad K, Djousse L, Rivadeneira F, Lee NR, Raitakari OT, Kähönen M, Viikari J, Langhendries JP, Escribano J, Verduci E, Dedoussis G, König I, Balkau B, Coltell O, Dallongeville J, Meirhaeghe A, Amouyel P, Gottrand F, Pahkala K, Niinikoski H, Hyppönen E, März W, Mackey DA, Grusfeld D, Tucker KL, Fumeron F, Estruch R, Ordovas JM, Arnett DK, Mook-Kanamori DO, Mozaffarian D, Psaty BM, North KE, Chasman DI, Qi L. Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *Eur J Epidemiol.* 2020 Jul;35(7):685-697. doi: 10.1007/s10654-020-00638-z.
- 16.Michas G, Magriplis E, Panagiotakos D, Chourdakis M, Micha R, Filippatos G, Zampelas A, Dimakopoulos I, Karageorgou D, Mitsopoulou AV, Bakogianni I, Ntouroupi T, Tsaniklidou SM, Argyri K, Fappa E, Theodoraki EM, Trichia E, Sialvera TE, Varytimiadi A, Spyreli E, Koutelidakis A, Karlis G, Zacharia S, Papageorgiou A, Chrousos GP, Dedoussis G, Dimitriadis G, Manios Y, Roma E Heart failure in Greece: The Hellenic National Nutrition and Health Survey (HNNHS). *Hellenic J Cardiol.* 2020 Sep 15:S1109-9666(20)30191-3. doi: 10.1016/j.hjc.2020.08.007.
- 17.El Shamieh S, Stathopoulou MG, Bonnefond A, Ndiaye NC, Lecoeur C, Meyre D, Dadé S, Chedid P, Salami A, Shahabi P, Dedoussis GV, Froguel P, Visvikis-Siest S. Obesity status modifies the association between rs7556897T>C in the intergenic region SLC19A3-CCL20 and blood pressure in French children. *Clin Chem Lab Med.* 2020 Oct 25;58(11):1819-1827. doi: 10.1515/cclm-2019-0292.
- 18.Katsareli E Amerikanou C, Rouskas K, Demopoulos A, Diamantis T, Alexandrou A, Griniatsos J, Bourgeois S, Dermitzakis E, Ragoussis J, Dimas AS, Dedoussis G. A Genetic Risk Score for the Estimation of Weight Loss After Bariatric Surgery. *Obesity Surgery* 2020, doi.org/10.1007/s11695-019-04320-6.
- 19.Grigoriou E, Trovas G, Papaioanou N, Dontas I, Makris K, Apostolou-Karampelis K, Dedoussis G. Dietary Patterns of Greek Adults and Their Associations with Serum Vitamin D Levels and Heel Quantitative Ultrasound Parameters for Bone Health. *Nutrients* 2020, 12, 123; doi:10.3390/nu12010123.
- 20.Farmaki AE, Rayner NW, Kafyra M, Matchan A, Ntaoutidou K, Feritoglou P, Athanasiadis A, Gilly A, Mamakou V, Zengini E, Karaleftheri M, Zeggini E, Dedoussis G. A Dietary Pattern with High Sugar Content Is Associated with Cardiometabolic Risk Factors in the Pomak Population. *Nutrients*. 2019,13;11(12).
- 21.Zheng J, Maerz W, Gergei I, Kleber M, Drechsler C, Wanner C, Brandenburg V, Reppe S, Gautvik KM, Medina-Gomez C: Mendelian Randomization analysis reveals a causal influence of circulating sclerostin levels on bone mineral density and fractures. *Journal of Bone and Mineral Research* 2019 34(10):1824-1836.
- 22.Yao S, Kuja-Halkola R, Martin J, Lu Y, Lichtenstein P, Norring C, Birgegård A, Yilmaz Z, Hübel C, Watson H: Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. *Biological Psychiatry* 2019, 86(8):577-586.
- 23.Watson HJ, Yilmaz Z, Thornton LM, Hübel C, Coleman JR, Gaspar HA, Bryois J, Hinney A, Leppä VM, Mattheisen M: Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. *Nature Genetics* 2019, 51(8):1207-1214.
- 24.Warrington NM, Beaumont RN, Horikoshi M, Day FR, Helgeland Ø, Laurin C, Bacelis J, Peng S, Hao K, Feenstra B: Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics* 2019, 51(5):804-814.

25.Telkar N, Reiker T, Walters RG, Lin K, Eriksson A, Gurdasani D, Gilly A, Southam L, Tsafantakis E, Karaleftheri M: The transferability of lipid loci across African, Asian and European cohorts. *bioRxiv* 2019:525170.

26.Murphy AM, Smith CE, Murphy LM, Follis JL, Tanaka T, Richardson K, Noordam R, Lemaitre RN, Kähönen M, Dupuis J: Potential Interplay Between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome, to Modulate Insulin Resistance and Diabetes Risk: insights from a Meta-Analysis of 19,005 Individuals. *Molecular nutrition & food research* 2019, 63(22):e1900226.

27.Munn-Chernoff MA, Johnson EC, Chou Y-L, Coleman JR, Thornton LM, Walters RK, Yilmaz Z, Baker JH, Hübel C, Gordon S: Shared Genetic Risk between Eating Disorder-and Substance-Use-Related Phenotypes: Evidence from Genome-Wide Association Studies. *bioRxiv* 2019:741512.

28.Merino J, Dashti HS, Li SX, Sarnowski C, Justice AE, Graff M, Papoutsakis C, Smith CE, Dedoussis GV, Lemaitre RN: Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. *Molecular psychiatry* 2019, 24(12):1920-1932.

29.Kuchenbaecker K, Telkar N, Reiker T, Walters RG, Lin K, Eriksson A, Gurdasani D, Gilly A, Southam L, Tsafantakis E: The transferability of lipid loci across African, Asian and European cohorts. *Nature communications* 2019, 24;10(1):4330..

30.Karas Kuželički N, Prodan Žitnik I, Gurwitz D, Llerena A, Cascorbi I, Siest S, Simmaco M, Ansari M, Pazzaglia M, Di Resta C: Pharmacogenomics education in medical and pharmacy schools: conclusions of a global survey. *Pharmacogenomics* 2019, 20(9):643-657.

31.Karageorgou D, Magriplis E, Mitsopoulou A, Dimakopoulos I, Bakogianni I, Micha R, Michas G, Chourdakis M, Ntouropi T, Tsaniklidou S: Dietary patterns and lifestyle characteristics in adults: Results from the Hellenic National Nutrition and Health Survey (HNNHS). *Public health* 2019, 171:76-88.

32.Karageorgou D, Magriplis E, Bakogianni I, Mitsopoulou AV, Dimakopoulos I, Micha R, Michas G, Ntouropi T, Tsaniklidou SM, Argyri K: Dietary patterns and cardiovascular disease in Greek adults: The Hellenic National Nutrition and Health Survey (HNNHS). *Nutrition, Metabolism and Cardiovascular Diseases* 2019, 30. pii: S0939-4753(19)30363-1.

33.Kannt A, Papada E, Kammermeier C, D'Auria G, Jiménez-Hernández N, Stephan M, Schwahn U, Madsen AN, Ostergaard MV, Dedoussis G: Mastiha (*Pistacia Lentiscus*) Improves Gut Microbiota Diversity, Hepatic Steatosis and Disease Activity in a Biopsy-Confirmed Mouse Model of Advanced Non-Alcoholic Steatohepatitis and Fibrosis. *Molecular nutrition & food research* 2019, 63(24):e1900927.

34.Kaliora AC, Gioxari A, Kalafati IP, Diolintzi A, Kokkinos A, Dedoussis GV: The Effectiveness of Mediterranean Diet in Nonalcoholic Fatty Liver Disease Clinical Course: An Intervention Study. *Journal of medicinal food* 2019, 22(7):729-740.

35.Kalafati IP, Borsig D, Dimitriou M, Revenas K, Kokkinos A, Dedoussis GV: Dietary patterns and non-alcoholic fatty liver disease in a Greek case-control study. *Nutrition* 2019, 61:105-110.

36.Kalafati I, Dimitriou M, Borsig D, Vlachogiannakos J, Revenas K, Kokkinos A, Ladas S, Dedoussis G: Fish intake interacts with TM6SF2 gene variant to affect NAFLD risk: results of a case-control study. *European journal of nutrition* 2019, 58(4):1463-1473.

37.Justice AE, Karaderi T, Highland HM, Young KL, Graff M, Lu Y, Turcot V, Auer PL, Fine RS, Guo X: Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature genetics* 2019, 51(3):452.

38.Huang T, Wang T, Zheng Y, Ellervik C, Li X, Gao M, Fang Z, Chai J-F, Wang Y, Voortman T: Association of birth weight with type 2 diabetes and glycemic traits: A Mendelian randomization study. *JAMA network open* 2019, 2(9):e1910915-e1910915.

39.Haworth S, Shapland CY, Hayward C, Prins BP, Felix JF, Medina-Gomez C, Rivadeneira F, Wang C, Ahluwalia TS, Vrijheid M: Low-frequency variation in TP53 has large effects on head circumference and intracranial volume. *Nature communications* 2019, 10(1):357.

- 40.Giri A, Hellwege JN, Keaton JM, Park J, Qiu C, Warren HR, Torstenson ES, Kovesdy CP, Sun YV, Wilson OD: Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature genetics* 2019, 51(1):51.
- 41.Giri A, Hellwege J, Keaton J, Park J, Qiu C, Warren H, Torstenson E, Kovesdy C, Sun Y, Wilson O: Blood Pressure-International Consortium of Exome Chip Studies; Million Veteran Program. Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. *Nature genetics* 2019, 51:51-62.
- 42.Gilly A, Park Y-C, Png G, Bjornland T, Southam L, Suveges D, Neumeyer S, Fischer I, Barysenka A, Rayner NW: Whole genome sequencing analysis of the cardiometabolic proteome. *bioRxiv* 2019:854752.
- 43.Asprouli E, Kalafati IP, Sakellari A, Karavoltos S, Vlachogiannakos J, Revenas K, Kokkinos A, Dassenakis M, Dedoussis GV, Kalogeropoulos N: Evaluation of Plasma Trace Elements in Different Stages of Nonalcoholic Fatty Liver Disease. *Biological trace element research* 2019, 188(2):326-333.
- 44.Adlam D, Olson TM, Combaret N, Kovacic JC, Iismaa SE, Al-Hussaini A, O'Byrne MM, Bouajila S, Georges A, Mishra K: Association of the PHACTR1/EDN1 genetic locus with spontaneous coronary artery dissection. *Journal of the American College of Cardiology* 2019, 73(1):58-66.
- 45.Zheng J, Maerz W, Gergei I, Kleber M, Drechsler C, Wanner C, Brandenburg V, Reppe S, Gautvik K, Medina-Gomez C: Genome-wide mapping identifies beta-1, 4-N-acetyl-galactosaminyl-transferase as a novel determinant of sclerostin levels and bone mineral density. *bioRxiv* 2018:455386.
- 46.Warrington NM, Richmond R, Fenstra B, Myhre R, Gaillard R, Paternoster L, Wang CA, Beaumont RN, Das S, Murcia M: Maternal and fetal genetic contribution to gestational weight gain. *International journal of obesity* 2018, 42(4):775-784.
- 47.Turcot V, Lu Y, Highland HM, Schurmann C, Justice AE, Fine RS, Bradfield JP, Esko T, Giri A, Graff M: Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature genetics* 2018, 50(1):26.
- 48.Stathopoulou MG, Xie T, Ruggiero D, Chatelin J, Rancier M, Weryha G, Kurth MJ, Arguinano A-AA, Gorenjak V, Petrelis AM: A transnational collaborative network dedicated to the study and applications of the vascular endothelial growth factor-A in medical practice: the VEGF Consortium. *Clinical Chemistry and Laboratory Medicine (CCLM)* 2018, 56(4):83-86.
- 49.Schwartzentruber PD, Kilian B, Pollard MO, Ge X, Tsafantakis E, Dedoussis G, Zeggini E: Very low depth whole genome sequencing in complex trait association studies. 2018, 1;35(15):2555-2561.
- 50.Png G, Suveges D, Park Y-C, Walter K, Kundu K, Ntalla I, Tsafantakis E, Karaleftheri M, Dedoussis G, Zeggini E: Population-wide copy number variation calling using variant call format files from 6,898 individuals. *bioRxiv* 2018:504209.
- 51.Mamakou V, Hackinger S, Zengini E, Tsompanaki E, Marouli E, Serafetinidis I, Prins B, Karabela A, Glezou E, Southam L: Combination therapy as a potential risk factor for the development of type 2 diabetes in patients with schizophrenia: the GOMAP study. *BMC psychiatry* 2018, 18(1):249.
- 52.Mahajan A, Wessel J, Willems SM, Zhao W, Robertson NR, Chu AY, Gan W, Kitajima H, Taliun D, Rayner NW: Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature genetics* 2018, 50(4):559.
- 53.Mahajan A, Taliun D, Thurner M, Robertson NR, Torres JM, Rayner NW, Payne AJ, Steinhorsdottir V, Scott RA, Grarup N: Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature genetics* 2018, 50(11):1505.
- 54.Kaliora AC, Kalafati IP, Gioxari A, Diolintzi A, Kokkinos A, Dedoussis GV: A modified response of NAFLD patients with non-significant fibrosis in nutritional counseling according to GCKR rs1260326. *European journal of nutrition* 2018, 57(6):2227-2235.

- 55.Huckins LM, Hatzikotoulas K, Southam L, Thornton LM, Steinberg J, Aguilera-McKay F, Treasure J, Schmidt U, Gunasinghe C, Romero A: Investigation of common, low-frequency and rare genome-wide variation in anorexia nervosa. *Molecular psychiatry* 2018, 23(5):1169.
- 56.Hackinger S, Prins B, Mamakou V, Zengini E, Marouli E, Brić L, Serafetinidis I, Lamnisou K, Kontaxakis V, Dedoussis G: Evidence for genetic contribution to the increased risk of type 2 diabetes in schizophrenia. *Translational psychiatry* 2018, 8(1):252.
- 57.Grigoriou EV, Trovas G, Papaioannou N, Makras P, Kokkoris P, Dontas I, Makris K, Tournis S, Dedoussis GV: Serum 25-hydroxyvitamin D status, quantitative ultrasound parameters, and their determinants in Greek population. *Archives of osteoporosis* 2018, 13(1):111.
- 58.Grarup N, Moltke I, Andersen MK, Dalby M, Vitting-Seerup K, Kern T, Mahendran Y, Jørsboe E, Larsen CV, Dahl-Petersen IK: Loss-of-function variants in ADCY3 increase risk of obesity and type 2 diabetes. *Nature genetics* 2018, 50(2):172.
- 59.Gilly A, Suveges D, Kuchenbaecker K, Pollard M, Southam L, Hatzikotoulas K, Farmaki A-E, Bjornland T, Waples R, Appel EV: Cohort-wide deep whole genome sequencing and the allelic architecture of complex traits. *Nature communications* 2018, 9(1):4674.
- 60.Gilly A, Southam L, Suveges D, Kuchenbaecker K, Moore R, Melloni G, Hatzikotoulas K, Farmaki A-E, Ritchie G, Schwartzenruber J: Very low depth whole genome sequencing in complex trait association studies. *bioRxiv* 2018:169789.
- 61.Xue Y, Mezzavilla M, Haber M, McCarthy S, Chen Y, Narasimhan V, Gilly A, Ayub Q, Colonna V, Southam L: Enrichment of low-frequency functional variants revealed by whole-genome sequencing of multiple isolated European populations. *Nature communications* 2017, 8:15927.
- 62.Visvikis-Siest S, Arguinano A-AA, Stathopoulou M, Xie T, Petrelis A, Weryha G, Froguel P, Meier-Abt P, Meyer UA, Mlakar V: 8th Santorini Conference: Systems medicine and personalized health and therapy, Santorini, Greece, 3–5 October 2016. *Drug metabolism and personalized therapy* 2017, 32(2):119-127.
- 63.Vezou C, Kalafati I, Dedoussis G: Nutrigenetics of Non-Alcoholic Fatty Liver Disease: What do we know so far. *J Clin Nutr Metab* 2017, 2:2.
- 64.van den Berg ME, Warren HR, Cabrera CP, Verweij N, Mifsud B, Haessler J, Bihlmeyer NA, Fu Y-P, Weiss S, Lin HJ: Discovery of novel heart rate-associated loci using the Exome Chip. *Human molecular genetics* 2017, 26(12):2346-2363.
- 65.Tachmazidou I, Süveges D, Min JL, Ritchie GR, Steinberg J, Walter K, Iotchkova V, Schwartzenruber J, Huang J, Memari Y: Whole-genome sequencing coupled to imputation discovers genetic signals for anthropometric traits. *The American Journal of Human Genetics* 2017, 100(6):865-884.
- 66.Southam L, Gilly A, Süveges D, Farmaki A-E, Schwartzenruber J, Tachmazidou I, Matchan A, Rayner NW, Tsafantakis E, Karaleftheri M: Whole genome sequencing and imputation in isolated populations identify genetic associations with medically-relevant complex traits. *Nature communications* 2017, 8:15606.
- 67.Saleheen D, Zhao W, Young R, Nelson CP, Ho W, Ferguson JF, Rasheed A, Ou K, Nurnberg ST, Bauer RC: Loss of cardioprotective effects at the ADAMTS7 locus as a result of gene-smoking interactions. *Circulation* 2017, 135(24):2336-2353.
- 68.Robinson MR, Kleinman A, Graff M, Vinkhuyzen AA, Couper D, Miller MB, Peyrot WJ, Abdellaoui A, Zietsch BP, Nolte IM: Genetic evidence of assortative mating in humans. *Nature Human Behaviour* 2017, 1(1):0016.
- 69.Nelson CP, Goel A, Butterworth AS, Kanoni S, Webb TR, Marouli E, Zeng L, Ntalla I, Lai FY, Hopewell JC: Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature genetics* 2017, 49(9):1385-1391.
- 70.Mozaffarian D, Dashti HS, Wojczynski MK, Chu AY, Nettleton JA, Männistö S, Kristiansson K, Reedik M, Lahti J, Houston DK: Genome-wide association meta-analysis of fish and EPA+ DHA consumption in 17 US and European cohorts. *PloS one* 2017, 12(12):e0186456.

- 71.Marouli E, Kanoni S, Mamakou V, Hackinger S, Southam L, Prins B, Rentari A, Dimitriou M, Zengini E, Gonidakis F: Evaluating the glucose raising effect of established loci via a genetic risk score. *PloS one* 2017, 12(11):e0186669.
- 72.Marouli E, Graff M, Medina-Gomez C, Lo KS, Wood AR, Kjaer TR, Fine RS, Lu Y, Schurmann C, Highland HM: Rare and low-frequency coding variants alter human adult height. *Nature* 2017, 542(7640):186.
- 73.Liu DJ, Peloso GM, Yu H, Butterworth AS, Wang X, Mahajan A, Saleheen D, Emdin C, Alam D, Alves AC: Exome-wide association study of plasma lipids in > 300,000 individuals. *Nature genetics* 2017, 49(12):1758.
- 74.Kraja AT, Cook JP, Warren HR, Surendran P, Liu C, Evangelou E, Manning AK, Grarup N, Drenos F, Sim X: New Blood Pressure–Associated Loci Identified in Meta-Analyses of 475 000 Individuals. *Circulation: Cardiovascular Genetics* 2017, 10(5):e001778.
- 75.Justice AE, Winkler TW, Feitosa MF, Graff M, Fisher VA, Young K, Barata L, Deng X, Czajkowski J, Hadley D: Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature communications* 2017, 8:14977.
- 76.Hinney A, Kesselmeier M, Jall S, Volckmar A-L, Föcker M, Antel J, Perica VB, Franklin CS, Floyd JA, Thornton LM: Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. *Molecular psychiatry* 2017, 22(2):192.
- 77.Heilmann-Heimbach S, Herold C, Hochfeld LM, Hillmer AM, Nyholt DR, Hecker J, Javed A, Chew EG, Pechlivanis S, Drichel D: Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. *Nature communications* 2017, 8:14694.
- 78.Giacconi R, Costarelli L, Piacenza F, Basso A, Rink L, Mariani E, Fulop T, Dedoussis G, Herbein G, Provinciali M: Main biomarkers associated with age-related plasma zinc decrease and copper/zinc ratio in healthy elderly from ZincAge study. *European journal of nutrition* 2017, 56(8):2457-2466.
- 79.Farmaki A-E, Rayner NW, Matchan A, Spiliopoulou P, Gilly A, Kariakli V, Kiagiadaki C, Tsafantakis E, Zeggini E, Dedoussis G: The mountainous Cretan dietary patterns and their relationship with cardiovascular risk factors: the Hellenic Isolated Cohorts MANOLIS study. *Public health nutrition* 2017, 20(6):1063-1074.
- 80.Surendran P, Drenos F, Young R, Warren H, Cook JP, Manning AK, Grarup N, Sim X, Barnes DR, Witkowska K: Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature genetics* 2016, 48(10):1151.
- 81.Sakellari A, Karavoltsos S, Kalogeropoulos N, Theodorou D, Dedoussis G, Chrysanthou C, Dassenakis M, Scoullos M: Predictors of cadmium and lead concentrations in the blood of residents from the metropolitan area of Athens (Greece). *Science of The Total Environment* 2016, 568:263-270.
- 82.Ried JS, Chu AY, Bragg-Gresham JL, Van Dongen J, Huffman JE, Ahluwalia TS, Cadby G, Eklund N, Eriksson J, Esko T: A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature communications* 2016, 7:13357.
- 83.Ntalla I, Yannakoulia M, Dedoussis GV: An Overweight Preventive Score associates with obesity and glycemic traits. *Metabolism: clinical and experimental* 2016, 65(1):81-88.
- 84.Marouli E, Kanoni S, Dimitriou M, Kolovou G, Deloukas P, Dedoussis G: Lifestyle may modify the glucose-raising effect of genetic loci. A study in the Greek population. *Nutrition, Metabolism and Cardiovascular Diseases* 2016, 26(3):201-206.
- 85.Loley C, Alver M, Assimes TL, Björnnes A, Goel A, Gustafsson S, Hernesniemi J, Hopewell JC, Kanoni S, Kleber ME: No association of coronary artery disease with X-chromosomal variants in comprehensive international meta-analysis. *Scientific reports* 2016, 6:35278.
- 86.Kanoni S, Masca NG, Stirrups KE, Varga TV, Warren HR, Scott RA, Southam L, Zhang W, Yaghoobkar H, Müller-Nurasyid M: Analysis with the exome array identifies multiple new independent variants in lipid loci. *Human molecular genetics* 2016, 25(18):4094-4106.

- 87.Kaliora AC, Kokkinos A, Diolintzi A, Stoupaki M, Gioxari A, Kanellos PT, Dedoussis GV, Vlachogiannakos J, Revenas C, Ladas SD: The effect of minimal dietary changes with raisins in NAFLD patients with non-significant fibrosis: a randomized controlled intervention. *Food & function* 2016, 7(11):4533-4544.
- 88.Iotchkova V, Huang J, Morris JA, Jain D, Barbieri C, Walter K, Min JL, Chen L, Astle W, Cocca M: Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. *Nature genetics* 2016, 48(11):1303.
- 89.Horikoshi M, Beaumont RN, Day FR, Warrington NM, Kooijman MN, Fernandez-Tajes J, Feenstra B, Van Zuydam NR, Gaulton KJ, Grarup N: Genome-wide associations for birth weight and correlations with adult disease. *Nature* 2016, 538(7624):248.
- 90.Haber M, Mezzavilla M, Bergström A, Prado-Martinez J, Hallast P, Saif-Ali R, Al-Habori M, Dedoussis G, Zeggini E, Blue-Smith J: Chad genetic diversity reveals an African history marked by multiple Holocene Eurasian migrations. *The American Journal of Human Genetics* 2016, 99(6):1316-1324.
- 91.Gomes A, Dedoussis GV: Geographic distribution of ATP7B mutations in Wilson disease. *Annals of human biology* 2016, 43(1):1-8.
- 92.Gilly A, Ritchie GR, Southam L, Farmaki A-E, Tsafantakis E, Dedoussis G, Zeggini E: Very low-depth sequencing in a founder population identifies a cardioprotective APOC3 signal missed by genome-wide imputation. *Human molecular genetics* 2016, 25(11):2360-2365.
- 93.Felix J, Bradfield J, Monnereau C, van der Valk R, Stergiakouli E, Chesi A, Gaillard R, Feenstra B, Thiering E, Kreiner-Møller E: Bone Mineral Density in Childhood Study (BMDCS); Early Genetics and Lifecourse Epidemiology (EAGLE) consortium; Early Growth Genetics (EGG) Consortium. *Hum Mol Genet* 2016, 25(2):389-403.
- 94.Dimitriou M, Rallidis LS, Theodoraki EV, Kalafati IP, Kolovou G, Dedoussis GV: Exclusive olive oil consumption has a protective effect on coronary artery disease; overview of the THISEAS study. *Public health nutrition* 2016, 19(6):1081-1087.
- 95.Bennett DA, Berger K, Bertram L, Bisgaard H, Boomsma DI, Borecki IB, Bültmann U, Chabris CF, Cucca F, Cusi D: Genome-wide association study identifies 74 loci associated with educational attainment. *Nature*. 2016, 26;533(7604):539-42.
- 96.Barban N, Jansen R, De Vlaming R, Vaez A, Mandemakers JJ, Tropf FC, Shen X, Wilson JF, Chasman DI, Nolte IM: Genome-wide analysis identifies 12 loci influencing human reproductive behavior. *Nature genetics* 2016, 48(12):1462.
- 97.Zoledziewska M, Sidore C, Chiang CW, Sanna S, Mulas A, Steri M, Busonero F, Marcus JH, Marongiu M, Maschio A: Height-reducing variants and selection for short stature in Sardinia. *Nature genetics* 2015, 47(11):1352.
- 98.Sidore C, Mulas A, Maschio A, Floris M, Soranzo N, Uzzau S, Angius A, Cucca F, Zoledziewska M, Sanna S: Height-reducing variants and selection for short stature in Sardinia. *Nature genetics* 2015, 47(11):1352-1356
- 99.Sidore C, Busonero F, Maschio A, Porcu E, Naitza S, Zoledziewska M, Mulas A, Pistis G, Steri M, Danjou F: Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. *Nature genetics* 2015, 47(11):1272.
- 100.Rask-Andersen M, ALMÉN MS, Jacobsson JA, Ameur A, Moschonis G, Dedoussis G, Marcus C, Gyllensten U, Fredriksson R, Schiöth HB: Determination of obesity associated gene variants related to TMEM18 through ultra-deep targeted re-sequencing in a case-control cohort for pediatric obesity. *Genetics research* 2015, 14;97:e16.
- 101.Qi Q, Downer MK, Kilpeläinen TO, Taal HR, Barton SJ, Ntalla I, Standl M, Boraska V, Huikari V, Kiefte-de Jong JC: Dietary intake, FTO genetic variants, and adiposity: a combined analysis of over 16,000 children and adolescents. *Diabetes* 2015, 64(7):2467-2476.
- 102.Qi Q, Downer MK, Kilpeläinen TO, Taal HR, Barton SJ, Ntalla I, Standl M, Boraska V, Huikari V, Kiefte-de Jong JC: Dietary intake, FTO genetic variants and adiposity. *Diabetes* 2015, 64(7):2467-76.

- 103.Nettleton JA, Follis JL, Ngwa JS, Smith CE, Ahmad S, Tanaka T, Wojczynski MK, Voortman T, Lemaitre RN, Kristiansson K: Genex dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. *Human molecular genetics* 2015, 24(16):4728-4738.
- 104.Nelson CP, Hamby SE, Saleheen D, Hopewell JC, Zeng L, Assimes TL, Kanoni S, Willenborg C, Burgess S, Amouyel P: Genetically determined height and coronary artery disease. *New England Journal of Medicine* 2015, 372(17):1608-1618.
- 105.Lemire J, Moraes TF, Andisi VF, Schryvers AB, Bachman MA, Weiser JN, Loutet SA, Chan AC, Navarro M, Kobylarz MJ: Trace Metals and Infectious Diseases, vol. 16: MIT Press; 2015.
- 106.Lazopoulou N, Gioka E, Ntalla I, Pervanidou P, Magiakou A-M, Roma-Giannikou E, Chrousos GP, Papassotiriou I, Dedoussis G, Kanaka-Gantenbein C: The combined effect of MC4R and FTO risk alleles on childhood obesity in Greece. *Hormones* 2015, 14(1):126-133.
- 107.Huang J, Howie B, McCarthy S, Memari Y, Walter K, Min JL, Danecek P, Malerba G, Trabetti E, Zheng H-F: Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. *Nature communications* 2015, 6:8111.
- 108.Giacconi R, Costarelli L, Malavolta M, Cardelli M, Galeazzi R, Piacenza F, Gasparini N, Basso A, Mariani E, Fulop T: Effect of ZIP 2 Gln/Arg/Leu (rs2234632) polymorphism on zinc homeostasis and inflammatory response following zinc supplementation. *BioFactors* 2015, 41(6):414-423.
- 109.Fretts AM, Follis JL, Nettleton JA, Lemaitre RN, Ngwa JS, Wojczynski MK, Kalafati IP, Varga TV, Frazier-Wood AC, Houston DK: Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. *The American journal of clinical nutrition* 2015, 102(5):1266-1278.
- 110.Felix JF, Bradfield JP, Monnereau C, Van Der Valk RJ, Stergiakouli E, Chesi A, Gaillard R, Feenstra B, Thiering E, Kreiner-Møller E: Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human molecular genetics* 2015, 25(2):389-403.
- 111.Dimitriou M, Rallidis L, Theodoraki E, Kalafati I, Kolovou G, Dedoussis G: Exclusive olive oil consumption has a protective effect on coronary artery disease; overview of the thiseas study. *Atherosclerosis* 2015, 241(1):e192-e193.
- 112.Dashti HS, Follis JL, Smith CE, Tanaka T, Garaulet M, Gottlieb DJ, Hruby A, Jacques PF, Kieft-de Jong JC, Lamont-Fava S: Gene-environment interactions of circadian-related genes for cardiometabolic traits. *Diabetes care* 2015, 38(8):1456-1466.
- 113.Cornelis MC, Byrne EM, Esko T, Nalls MA, Ganna A, Paynter N, Monda KL, Amin N, Fischer K, Renstrom F: Genome-wide meta-analysis identifies six novel loci associated with habitual coffee consumption. *Molecular psychiatry* 2015, 20(5):647.
- 114.Ackland ML, Bornhorst J, Dedoussis GV, Dietert RR, Nriagu JO, Pacyna JM, Pettifor JM: Gaps and Opportunities. *Trace Metals and Infectious Diseases* 2015, 16:271.
- 115.Ackland M, Bornhorst J, Dedoussis G, Dietert R, Nriagu J, Pacyna J, Pettifer J: Metals in the environment as risk factors for infectious diseases. *Trace Metals and Infectious Diseases* 2015, 16.
- 116.van der Valk RJ, Kreiner-Møller E, Kooijman MN, Guxens M, Stergiakouli E, Sääf A, Bradfield JP, Geller F, Hayes MG, Cousminer DL: A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human molecular genetics* 2014, 24(4):1155-1168.
- 117.Timpson NJ, Walter K, Min JL, Tachmazidou I, Malerba G, Shin S-Y, Chen L, Futema M, Southam L, Iotchkova V: A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. *Nature communications* 2014, 5:4871.

- 118.Timpson N, Walter K, Min J, Tachmazidou I, Malerba G, Shin S, Chen L, Futema M, Southam L, Iotchkova V: UK10K Consortium Members; UK10K Consortium Members. A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans *Nat Commun* 2014, 5:4871.
- 119.Rask-Andersen M, Philippot G, Moschonis G, Dedoussis G, Manios Y, Marcus C, Fredriksson R, Schiöth HB: CDKAL1-related single nucleotide polymorphisms are associated with insulin resistance in a cross-sectional cohort of Greek children. *PLoS one* 2014, 9(4):e93193.
- 120.Qi Q, Kilpeläinen TO, Downer MK, Tanaka T, Smith CE, Sluijs I, Sonestedt E, Chu AY, Renström F, Lin X: FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. *Human molecular genetics* 2014, 23(25):6961-6972.
- 121.Panoutsopoulou K, Hatzikotoulas K, Xifara DK, Colonna V, Farmaki A-E, Ritchie GR, Southam L, Gilly A, Tachmazidou I, Fatumo S: Genetic characterization of Greek population isolates reveals strong genetic drift at missense and trait-associated variants. *Nature communications* 2014, 5:5345.
- 122.Ntalla I, Giannakopoulou M, Vlachou P, Giannitsopoulou K, Gkesou V, Makridi C, Marougka M, Mikou G, Ntaoutidou K, Prountzou E: Body composition and eating behaviours in relation to dieting involvement in a sample of urban Greek adolescents from the TEENAGE (TEENs of Attica: Genes & Environment) study. *Public health nutrition* 2014, 17(3):561-568.
- 123.Moayyeri A, Hsu Y-H, Karasik D, Estrada K, Xiao S-M, Nielson C, Srikanth P, Giroux S, Wilson SG, Zheng H-F: Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. *Human molecular genetics* 2014, 23(11):3054-3068.
- 124.Katsareli EA, Dedoussis GV: Biomarkers in the field of obesity and its related comorbidities. Expert opinion on therapeutic targets 2014, 18(4):385-401.
- 125.Kalafati I-P, Borsig D, Dedoussis GV: The genetics of nonalcoholic fatty liver disease: role of diet as a modifying factor. *Current Nutrition Reports* 2014, 3(3):223-232.
- 126.Huckins LM, Boraska V, Franklin CS, Floyd JA, Southam L, Boraska V, Franklin C, Floyd J, Thornton L, Huckins L: Using ancestry-informative markers to identify fine structure across 15 populations of European origin. *European journal of human genetics* 2014, 22(10):1190.
- 127.Giacconi R, Simm A, Santos AN, Costarelli L, Malavolta M, Mecocci P, Piacenza F, Basso A, Fulop T, Rink L: Influence of + 1245 A/G MT1A polymorphism on advanced glycation end-products (AGEs) in elderly: effect of zinc supplementation. *Genes & nutrition* 2014, 9(5):426.
- 128.Dashti HS, Follis JL, Smith CE, Tanaka T, Cade BE, Gottlieb DJ, Hruby A, Jacques PF, Lamont-Fava S, Richardson K: Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. *The American journal of clinical nutrition* 2014, 101(1):135-143.
- 129.Cousminer DL, Stergiakouli E, Berry DJ, Ang W, Groen-Blokhuis MM, Körner A, Siitonen N, Ntalla I, Marinelli M, Perry JR: Genome-wide association study of sexual maturation in males and females highlights a role for body mass and menarche loci in male puberty. *Human molecular genetics* 2014, 23(16):4452-4464.
- 130.Consortium DSD, Consortium DMD, Mahajan A, Go MJ, Zhang W, Below JE, Gaulton KJ, Ferreira T, Horikoshi M, Johnson AD: Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature genetics* 2014, 46(3):234.
- 131.Boraska V, Franklin CS, Floyd JA, Thornton LM, Huckins LM, Southam L, Rayner NW, Tachmazidou I, Klump KL, Treasure J: A genome-wide association study of anorexia nervosa. *Molecular psychiatry* 2014, 19(10):1085.
- 132.Vlachos F, Avramidis E, Dedousis G, Katsigianni E, Ntalla I, Giannakopoulou M, Chalmpe M: Incidence and gender differences for handedness among Greek adolescents and its association with familial history and brain injury. *Research in Psychology and Behavioral Sciences* 2013, 1(1):6-10.

- 133.Vlachos F, Avramidis E, Dedousis G, Chalmpe M, Ntalla I, Giannakopoulou M: Prevalence and gender ratio of dyslexia in Greek adolescents and its association with parental history and brain injury. American journal of educational research 2013, 1(1):22-25.
- 134.Van der Loos MJ, Rietveld CA, Eklund N, Koellinger PD, Rivadeneira F, Abecasis GR, Ankra-Badu GA, Baumeister SE, Benjamin DJ, Biffar R: The molecular genetic architecture of self-employment. PloS one 2013, 8(4):e60542.
- 135.Tanaka T, Ngwa JS, Van Rooij FJ, Zillikens MC, Wojczynski MK, Frazier-Wood AC, Houston DK, Kanoni S, Lemaitre RN, Luan Ja: Genome-wide meta-analysis of observational studies shows common genetic variants associated with macronutrient intake. The American journal of clinical nutrition 2013, 97(6):1395-1402.
- 136.Tachmazidou I, Dedoussis G, Southam L, Farmaki A-E, Ritchie GR, Xifara DK, Matchan A, Hatzikotoulas K, Rayner NW, Chen Y: A rare functional cardioprotective APOC3 variant has risen in frequency in distinct population isolates. Nature communications 2013, 4:2872.
- 137.Rietveld CA, Medland SE, Derringer J, Yang J, Esko T, Martin NW, Westra H-J, Shakhbazov K, Abdellaoui A, Agrawal A: GWAS of 126,559 individuals identifies genetic variants associated with educational attainment. Science 2013, 340(6139): 1467-1471.
- 138.Rask-Andersen M, Moschonis G, Chrousos GP, Marcus C, Dedoussis GV, Fredriksson R, Schiöth HB: The STK33-linked SNP rs4929949 is associated with obesity and BMI in two independent cohorts of Swedish and Greek children. PloS one 2013, 8(8): e71353.
- 139.Ntalla I, Panoutsopoulou K, Vlachou P, Southam L, Rayner NW, Zeggini E, Dedoussis GV: Replication of established common genetic variants for adult BMI and childhood obesity in Greek adolescents: the TEENAGE study. Annals of human genetics 2013, 77(3): 268-274.
- 140.Hruby A, Ngwa JS, Renström F, Wojczynski MK, Ganna A, Hallmans G, Houston DK, Jacques PF, Kanoni S, Lehtimäki T: Higher magnesium intake is associated with lower fasting glucose and insulin, with no evidence of interaction with select genetic loci, in a meta-analysis of 15 CHARGE Consortium Studies. The Journal of nutrition 2013, 143(3): 345-353.
- 141.Horikoshi M, Yaghoobkar H, Mook-Kanamori DO, Sovio U, Taal HR, Hennig BJ, Bradfield JP, St Pourcain B, Evans DM, Charoen P: New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. Nature genetics 2013, 45(1):76.
- 142.Heilmann S, Nyholt D, Brockschmidt F, Hillmer A, Herold C, Consortium M, Becker T, Martin N, Nöthen M, Bataille V: No genetic support for a contribution of prostaglandins to the aetiology of androgenetic alopecia. British Journal of Dermatology 2013, 169(1): 222-224.
- 143.Heilmann S, Kiefer AK, Fricker N, Drichel D, Hillmer AM, Herold C, Tung JY, Eriksson N, Redler S, Betz RC: Androgenetic alopecia: identification of four genetic risk loci and evidence for the contribution of WNT signaling to its etiology. Journal of Investigative Dermatology 2013, 133(6): 1489-1496.
- 144.Stolk L, Perry JR, Chasman DI, He C, Mangino M, Sulem P, Barbalic M, Broer L, Byrne EM, Ernst F: Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. Nature genetics 2012, 44(3): 260.
- 145.Stathopoulou MG, Kanoni S, Papanikolaou G, Antonopoulou S, Nomikos T, Dedoussis G: Mineral intake. In: Progress in molecular biology and translational science. vol. 108: Elsevier; 2012: 201-236.
- 146.Stathopoulou MG, Grigoriou E, Dedoussis GV: Calcium and vitamin D intake interactions with genetic variants on bone phenotype. Current Nutrition Reports 2012, 1(3): 169-174.
- 147.Papoutsakis C, Yannakoulia M, Ntalla I, Dedoussis GV: Metabolic syndrome in a Mediterranean pediatric cohort: prevalence using International Diabetes Federation-derived criteria and associations with adiponectin and leptin. Metabolism: clinical and experimental 2012, 61(2):140-145.
- 148.Nettleton JA, Hivert M-F, Lemaitre RN, McKeown NM, Mozaffarian D, Tanaka T, Wojczynski MK, Hruby A, Djoussé L, Ngwa JS: Meta-analysis investigating associations between healthy diet and fasting glucose and insulin

levels and modification by loci associated with glucose homeostasis in data from 15 cohorts. American journal of epidemiology 2012, 177(2):103-115.

149.Manning AK, Hivert M-F, Scott RA, Grimsby JL, Bouatia-Naji N, Chen H, Rybin D, Liu C-T, Bielak LF, Prokopenko I: A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature genetics 2012, 44(6):659.

150.Manning A, Hivert M, Scott R, Grimsby J, Bouatia-Naji N, Chen H, Rybin D, Liu C, Bielak L, Prokopenko I: DIAbetes Genetics Replication And Meta-analysis (DIAGRAM) Consortium; Multiple Tissue Human Expression Resource (MUTHER) Consortium. A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature genetics 2012, 44(6):659-669.

151.Li R, Brockschmidt FF, Kiefer AK, Stefansson H, Nyholt DR, Song K, Vermeulen SH, Kanoni S, Glass D, Medland SE: Six novel susceptibility Loci for early-onset androgenetic alopecia and their unexpected association with common diseases. PLoS genetics 2012, 8(5):e1002746.

152.Ikram MA, Fornage M, Smith AV, Seshadri S, Schmidt R, Debette S, Vrooman HA, Sigurdsson S, Ropele S, Taal HR: Common variants at 6q22 and 17q21 are associated with intracranial volume. Nature genetics 2012, 44(5):539.

153.Froguel P, Ndiaye NC, Bonnefond A, Bouatia-Naji N, Dechaume A, Siest G, Herbeth B, Falchi M, Bottolo L, Gueant-Rodriguez R-M: A genome-wide association study identifies rs2000999 as a strong genetic determinant of circulating haptoglobin levels. PloS one 2012, 7(3):e32327.

154.Dimitriou ME, Dedoussis GV: Gene–diet interactions in cardiovascular disease. Current Nutrition Reports 2012, 1(3):153-160.

155.Dastani Z, Hivert M-F, Timpson N, Perry JR, Yuan X, Scott RA, Henneman P, Heid IM, Kizer JR, Lyytikäinen L-P: Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. PLoS genetics 2012, 8(3):e1002607.

156.Dastani Z, Hivert M, Timpson N, Perry J, Yuan X, Scott R, Henneman P, Heid I, Kizer J, Lyytikäinen L: DIAGRAM+ ConsortiumMAGIC ConsortiumGLGC InvestigatorsMuTHER ConsortiumDIAGRAM ConsortiumGIANT ConsortiumGlobal B Pgen ConsortiumProcardis ConsortiumMAGIC investigatorsGLGC Consortium: Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: A multi-ethnic meta-analysis of 45,891 individuals. PLoS genetics 2012, 8:e1002607.

157.Boraska V, Day-Williams A, Franklin CS, Elliott KS, Panoutsopoulou K, Tachmazidou I, Albrecht E, Bandinelli S, Beilin LJ, Bochud M: Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. PloS one 2012, 7(3):e31369.

158.Boraska V, Davis OS, Cherkas LF, Helder SG, Harris J, Krug I, Pei-Chi Liao T, Treasure J, Ntalla I, Karhunen L: Genome-wide association analysis of eating disorder-related symptoms, behaviors, and personality traits. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics 2012, 159(7):803-811.

159.Strawbridge RJ, Dupuis J, Prokopenko I, Barker A, Ahlqvist E, Rybin D, Petrie JR, Travers ME, Bouatia-Naji N, Dimas AS: Genome-wide association identifies nine common variants associated with fasting proinsulin levels and provides new insights into the pathophysiology of type 2 diabetes. Diabetes 2011, 60(10):2624-2634.

160.Stathopoulou MG, Dedoussis GV, Trovas G, Theodoraki EV, Katsalira A, Dontas IA, Hammond N, Deloukas P, Lyritis GP: The role of vitamin D receptor gene polymorphisms in the bone mineral density of Greek postmenopausal women with low calcium intake. The Journal of nutritional biochemistry 2011, 22(8):752-757.

161.Smart M, Dedoussis G, Yiannakouris N, Grisoni M, Dror G, Yannakoulia M, Papoutsakis C, Louizou E, Mantzoros C, Melistas L: Genetic variation within IL18 is associated with insulin levels, insulin resistance and postprandial measures. Nutrition, Metabolism and Cardiovascular Diseases 2011, 21(7):476-484.

162.Peppes V, Rammos G, Theodoraki E, Dedoussis G, Zakopoulos N: Association of fibrinogen a-chain polymorphisms with coronary atherosclerosis and plasma fibrinogen concentration. Archives of Hellenic Medicine 2011, 28(1):63-69.

163. Nettleton JA, McKeown NM, Kanoni S, Lemaitre RN, Hivert MF, Ngwa J, Van Rooij FJ, Sonestedt E, Wojczynski M, Ye Z: Interactions of dietary whole-grain intake with fasting glucose-and insulin-related genetic loci in individuals of European descent: A meta-analysis of 14 cohort studies (*Diabetes Care* (2010) 33 (2684-2691)). *Diabetes care* 2011, 34(3):785-786.
164. Kilpeläinen TO, Qi L, Brage S, Sharp SJ, Sonestedt E, Demerath E, Ahmad T, Mora S, Kaakinen M, Sandholz CH: Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS medicine* 2011, 8(11):e1001116.
165. Kanoni S, Nettleton JA, Hivert M-F, Ye Z, Van Rooij FJ, Shungin D, Sonestedt E, Ngwa JS, Wojczynski MK, Lemaitre RN: Total zinc intake may modify the glucose-raising effect of a zinc transporter (SLC30A8) variant: a 14-cohort meta-analysis. *Diabetes* 2011, 60(9):2407-2416.
166. Gieger C, Radhakrishnan A, Cvejic A, Tang W, Porcu E, Pistis G, Serbanovic-Canic J, Elling U, Goodall AH, Labrune Y: New gene functions in megakaryopoiesis and platelet formation. *Nature* 2011, 480(7376):201.
167. Dedoussis GV, Yannakoulia M, Timpson NJ, Manios Y, Kanoni S, Scott RA, Papoutsakis C, Deloukas P, Pitsiladis YP, Davey-Smith G: Does a short breastfeeding period protect from FTO-induced adiposity in children? *International Journal of Pediatric Obesity* 2011, 6(sup3):e326-335.
168. Dedoussis GV, Manios Y, Kourlaba G, Kanoni S, Lagou V, Butler J, Papoutsakis C, Scott RA, Yannakoulia M, Pitsiladis YP: An age-dependent diet-modified effect of the PPAR γ Pro12Ala polymorphism in children. *Metabolism: clinical and experimental* 2011, 60(4):467-473.
169. Barker A, Sharp SJ, Timpson NJ, Bouatia-Naji N, Warrington NM, Kanoni S, Beilin LJ, Brage S, Deloukas P, Evans DM: Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes* 2011, 60(6):1805-1812.
170. Yannakoulia M, Ntalla I, Papoutsakis C, Farmaki A-E, Dedoussis GV: Consumption of vegetables, cooked meals, and eating dinner is negatively associated with overweight status in children. *The Journal of pediatrics* 2010, 157(5):815-820.
171. Whittall R, Scartezini M, Li K, Hubbart C, Reiner Z, Abraha A, Neil H, Dedoussis G, Humphries S: Development of a high-resolution melting method for mutation detection in familial hypercholesterolaemia patients. *Annals of clinical biochemistry* 2010, 47(1):44-55.
172. Theodoraki EV, Nikopensius T, Suhorutšenko J, Peppes V, Fili P, Kolovou G, Papamikos V, Richter D, Zakopoulos N, Krjutškov K: Fibrinogen beta variants confer protection against coronary artery disease in a Greek case-control study. *BMC medical genetics* 2010, 11(1):28.
173. Stathopoulou MG, Dedoussis GV, Trovas G, Katsalira A, Hammond N, Deloukas P, Lyritis GP: Low-density lipoprotein receptor-related protein 5 polymorphisms are associated with bone mineral density in Greek postmenopausal women: an interaction with calcium intake. *Journal of the American Dietetic Association* 2010, 110(7):1078-1083.
174. Smart MC, Dedoussis G, Louizou E, Yannakoulia M, Drenos F, Papoutsakis C, Maniatis N, Humphries SE, Talmud PJ: APOE, CETP and LPL genes show strong association with lipid levels in Greek children. *Nutrition, Metabolism and Cardiovascular Diseases* 2010, 20(1):26-33.
175. Ragia G, Nikolaidis E, Tavridou A, Arvanitidis KI, Kanoni S, Dedoussis GV, Bougioukas G, Manolopoulos VG: Endothelial nitric oxide synthase gene polymorphisms-786T> C and 894G> T in coronary artery bypass graft surgery patients. *Human genomics* 2010, 4(6):375.
176. Ragia G, Nikolaidis E, Tavridou A, Arvanitidis KI, Kanoni S, Dedoussis GV, Bougioukas G, Manolopoulos VG: Renin-angiotensin-aldosterone system gene polymorphisms in coronary artery bypass graft surgery patients. *Journal of the Renin-Angiotensin-Aldosterone System* 2010, 11(2):136-145.
177. Kanoni S, Dedoussis GV, Herbein G, Fulop T, Varin A, Jajte J, Rink L, Monti D, Mariani E, Malavolta M: Assessment of gene-nutrient interactions on inflammatory status of the elderly with the use of a zinc diet score—ZINCAGE study. *The Journal of nutritional biochemistry* 2010, 21(6):526-531.

- 178.Giacconi R, Kanoni S, Mecocci P, Malavolta M, Richter D, Pierpaoli S, Costarelli L, Cipriano C, Muti E, Mangialasche F: Association of MT1A haplotype with cardiovascular disease and antioxidant enzyme defense in elderly Greek population: comparison with an Italian cohort. *The Journal of nutritional biochemistry* 2010, 21(10):1008-1014.
- 179.Freathy RM, Mook-Kanamori DO, Sovio U, Prokopenko I, Timpson NJ, Berry DJ, Warrington NM, Widen E, Hottenga JJ, Kaakinen M: Variants in ADCY5 and near CCNL1 are associated with fetal growth and birth weight. *Nature genetics* 2010, 42(5):430.
- 180.Dedoussis GV, Kapiri A, Samara A, Dimitriadis D, Lambert D, Pfister M, Siest G, Visvikis-Siest S: Expression of inflammatory molecules and associations with BMI in children. *European journal of clinical investigation* 2010, 40(5):388-392.
- 181.Dedoussis G, Louizou E, Papoutsakis C, Skenderi K, Yannakoulia M: Dairy intake associates with the IGF rs680 polymorphism to height variation in periadolescent children. *European journal of clinical nutrition* 2010, 64(3):253.
- 182.Dedoussis G: Self-reported zinc and zinc intake x genetic loci interactions' on health status and age-related diseases. *Clinical chemistry and laboratory medicine* 2010, 48(8).
- 183.Theodoraki EV, Nikopensius T, Suhorutšenko J, Papamikos V, Kolovou GD, Peppes V, Panagiotakos D, Limberi S, Zakopoulos N, Metspalu A: ROS1 Asp2213Asn polymorphism is not associated with coronary artery disease in a Greek case-control study. *Clinical chemistry and laboratory medicine* 2009, 47(12):1471-1473.
- 184.Ntalla I, Dedoussis G, Yannakoulia M, Smart MC, Louizou E, Sakka SD, Papoutsakis C, Talmud PJ: ADIPOQ gene polymorphism rs1501299 interacts with fibre intake to affect adiponectin concentration in children: the GENe-Diet Attica Investigation on childhood obesity. *European journal of nutrition* 2009, 48(8):493.
- 185.Marteau J-B, Samara A, Dedoussis G, Pfister M, Visvikis-Siest S: Candidate gene microarray analysis in peripheral blood cells for studying hypertension/obesity. *Personalized Medicine* 2009 6(3):269-291.
- 186.Dedoussis GV, Vidra N, Butler J, Papoutsakis C, Yannakoulia M, Hirschhorn JN, Lyon HN: Peroxisome proliferator-activated receptor-a (PPAR α) Pro12Ala polymorphism and risk for pediatric obesity. *Clinical chemistry and laboratory medicine* 2009, 47(9):1047-1050.
- 187.Dedoussis GV, Kapiri A, Samara A, Dimitriadis D, Lambert D, Pfister M, Siest G, Visvikis-Siest S: Visfatin: the link between inflammation and childhood obesity. *Diabetes care* 2009, 32(6):e71-e71.
- 188.Dedoussis GV, Kapiri A, Kalogeropoulos N, Samara A, Dimitriadis D, Lambert D, Pfister M, Siest G, Visvikis-Siest S: Adipokine expression in adipose tissue and in peripheral blood mononuclear cells in children: correlation with BMI and fatty acid content. *Clinica Chimica Acta* 2009, 410(1-2):85-89.
- 189.Dedoussis G, Kapiri A, Samara A, Dimitriadis D, Lambert D, Pfister M, Siest G, Visvikis-Siest S: Visfatin: the link between inflammation and childhood obesity. *Diabetes care* 2009, 32(6).
- 190.Yannakoulia M, Papanikolaou K, Hatzopoulou I, Efthathiou E, Papoutsakis C, Dedoussis GV: Association between family divorce and children's BMI and meal patterns: the GENDAI Study. *Obesity* 2008, 16(6):1382-1387.
- 191.Vourvouhaki E, Dedoussis GV: Cholesterol ester transfer protein: a therapeutic target in atherosclerosis? Expert opinion on therapeutic targets 2008, 12(8):937-948.
- 192.Vasilakou M, Votreas V, Kasparian C, Pantazopoulos N, Dedoussis G, Deltas C, Nastos P, Nikolakis D, Lamnisou K: Lack of association between endothelial nitric oxide synthase gene polymorphisms and risk of premature coronary artery disease in the Greek population. *Acta cardiologica* 2008, 63(5):609-614.
- 193.Varin A, Larbi A, Dedoussis GV, Kanoni S, Jajte J, Rink L, Monti D, Malavolta M, Marcellini F, Mocchegiani E: In vitro and in vivo effects of zinc on cytokine signalling in human T cells. *Experimental gerontology* 2008, 43(5):472-482.
- 194.Uciechowski P, Kahmann L, Plümäkers B, Malavolta M, Mocchegiani E, Dedoussis G, Herbein G, Jajte J, Fulop T, Rink L: TH1 and TH2 cell polarization increases with aging and is modulated by zinc supplementation. *Experimental gerontology* 2008, 43(5):493-498.

- 195.Schmidt HHJ, Tietge UJ, Buettner J, Barg Hock H, Offner G, Schweitzer S, Dedoussis GV, Rodeck B, Kallfelz HC, Schlitt HJ: Liver transplantation in a subject with familial hypercholesterolemia carrying the homozygous p. W577R LDL-receptor gene mutation. *Clinical transplantation* 2008, 22(2):180-184.
- 196.Mocchegiani E, Giacconi R, Costarelli L, Muti E, Cipriano C, Tesei S, Pierpaoli S, Giuli C, Papa R, Marcellini F: Zinc deficiency and IL-6– 174G/C polymorphism in old people from different European countries: Effect of zinc supplementation. ZINCAGE study. *Experimental gerontology* 2008, 43(5):433-444.
- 197.Mariani E, Neri S, Cattini L, Mocchegiani E, Malavolta M, Dedoussis GV, Kanoni S, Rink L, Jajte J, Facchini A: Effect of zinc supplementation on plasma IL-6 and MCP-1 production and NK cell function in healthy elderly: interactive influence of+ 647 MT1a and- 174 IL-6 polymorphic alleles. *Experimental gerontology* 2008, 43(5):462-471.
- 198.Mariani E, Mangialasche F, Feliziani F, Cecchetti R, Malavolta M, Bastiani P, Baglioni M, Dedoussis G, Fulop T, Herbein G: Effects of zinc supplementation on antioxidant enzyme activities in healthy old subjects. *Experimental gerontology* 2008, 43(5):445-451.
- 199.Marcellini F, Giuli C, Papa R, Gagliardi C, Dedoussis G, Monti D, Jajte J, Giacconi R, Malavolta M, Mocchegiani E: Zinc in elderly people: effects of zinc supplementation on psychological dimensions in dependence of IL-6-174 polymorphism: a Zincage study. *Rejuvenation research* 2008, 11(2):479-483.
- 200.Malavolta M, Cipriano C, Costarelli L, Giacconi R, Tesei S, Muti E, Piacenza F, Pierpaoli S, Larbi A, Pawelec G: Metallothionein downregulation in very old age: a phenomenon associated with cellular senescence? *Rejuvenation research* 2008, 11(2):455-459.
- 201.Lasky-Su J, Lyon HN, Emilsson V, Heid IM, Molony C, Raby BA, Lazarus R, Klanderman B, Soto-Quiros ME, Avila L: On the replication of genetic associations: timing can be everything! *The American Journal of Human Genetics* 2008, 82(4):849-858.
- 202.Kunzmann A, Dedoussis G, Jajte J, Malavolta M, Mocchegiani E, Bürkle A: Effect of zinc on cellular poly (ADP-ribosyl) ation capacity. *Experimental gerontology* 2008, 43(5):409-414.
- 203.Kanoni S, Dedoussis GV: Design and descriptive characteristics of the GHRAS: the Greek Health Randomized Aging Study. *Medical Science Monitor* 2008, 14(4):CR204-CR212.
- 204.Di Perna M, Louizou E, Fischetti L, Dedoussis GV, Stanziale P, Michelakakis H, Zelante L, Pras E, Bisceglia L: Twenty-four novel mutations identified in a cohort of 85 patients by direct sequencing of the SLC3A1 and SLC7A9 cystinuria genes. *Genetic testing* 2008, 12(3):351-355.
- 205.Dedoussis GV, Kanoni S, Panagiotakos DB, Louizou E, Grigoriou E, Chrysohoou C, Pitsavos C, Stefanadis C: Age-dependent dichotomous effect of superoxide dismutase Ala16Val polymorphism on oxidized LDL levels. *Experimental & molecular medicine* 2008, 40(1):27.
- 206.Dedoussis GV, Kanoni S, Mariani E, Cattini L, Herbein G, Fulop T, Varin A, Rink L, Jajte J, Monti D: Mediterranean diet and plasma concentration of inflammatory markers in old and very old subjects in the ZINCAGE population study. *Clinical chemistry and laboratory medicine* 2008, 46(7):990-996.
- 207.Dedoussis G, Luo Y, Starremans P, Rossetti S, Ramos A, Cantiello H, Katsarelis E, Ziroyannis P, Lamnissou K, Harris PC: Co-inheritance of a PKD1 mutation and homozygous PKD2 variant: a potential modifier in autosomal dominant polycystic kidney disease. *European journal of clinical investigation* 2008, 38(3):180-190.
- 208.Dedoussis G, Kanoni S, Rink L, Jajte J, Facchini A: Effect of zinc supplementation on plasma IL-6 and MCP-1 production and NK cell function in healthy elderly: Interactive influence of? 647 MT1a and-174 IL-6 polymorphic alleles. *Experimental gerontology* 2008, 43:462-471.
- 209.Chatzikyriakidou A, Louizou E, Dedousis G, Bisceglia L, Michelakakis H, Georgiou I: An overview of SLC3A1 and SLC7A9 mutations in Greek cystinuria patients. *Molecular genetics and metabolism* 2008, 95(3):192-193.

- 210.Charopoulos I, Trovas G, Stathopoulou M, Kyriazopoulos P, Galanos A, Dedoussis G, Antonogiannakis E, Lyritis G: Lack of association between vitamin D and calcitonin receptor gene polymorphisms and forearm bone values of young Greek males. *Journal of musculoskeletal & neuronal interactions* 2008, 8(2):196-203.
- 211.Bürkle A, Kunzmann A, Dedoussis G, Jajte J, Malavolta M, Mocchegiani E: Effect of zinc on cellular poly (ADP-ribosyl) ation capacity. 2008 43(5):409-14.
- 212.Papoutsakis C, Vidra NV, Hatzopoulou I, Tzirkalli M, Farmaki A-E, Evangelidaki E, Kapravelou G, Kontele IG, Skenderi KP, Yannakoulia M: The Gene-Diet Attica investigation on childhood obesity (GENDAI): overview of the study design. *Clinical Chemical Laboratory Medicine* 2007, 45(3):309-315.
- 213.Papoutsakis C, Dedoussis GV: Gene-diet interactions in childhood obesity: paucity of evidence as the epidemic of childhood obesity continues to rise. 2007 May;4(2):133-146.
- 214.Panagiotakos DB, Dedoussis G: Classification trees in determining health outcomes, using genetic information. *Advances and applications in statistics* 2007, 7(2):303-311.
- 215.Mocchegiani E, Giacconi R, Cipriano C, Costarelli L, Muti E, Tesei S, Giuli C, Papa R, Marcellini F, Mariani E: Zinc, metallothioneins, and longevity: effect of zinc supplementation: zincage study. *Annals of the New York Academy of Sciences* 2007, 1119(1):129-146.
- 216.Louizou E, Michelakakis H, Komianou F, Di Perna M, Bisceglia L, Dedoussis G: Human gene mutations. Gene symbol: SLC7A9. Disease: cystinuria. *Human genetics* 2007, 122(2):214.
- 217.Kolovou GD, Dedoussis GV, Anagnostopoulou KK, Hatzigeorgiou GC, Salpea KD, Choumerianou DM, Rammos S, Mikhailidis DP, Cokkinos DV: Management of a patient with a null low-density lipoprotein receptor mutation: a case report. *Angiology* 2007, 57(6):729-732.
- 218.Kalliora A, Dedoussis G: Natural antioxidant compounds in risk factors of cardiovascular diseases. *Pharm Res* 2007, 10:4-18.
- 219.Kalliora AC, Stathopoulou MG, Triantafyllidis JK, Dedoussis GV, Andrikopoulos NK: Chios mastic treatment of patients with active Crohn's disease. *World Journal of Gastroenterology: WJG* 2007, 13(5):748.
- 220.Kalliora AC, Stathopoulou MG, Triantafyllidis JK, Dedoussis GV, Andrikopoulos NK: Alterations in the function of circulating mononuclear cells derived from patients with Crohn's disease treated with mastic. *World journal of gastroenterology: WJG* 2007, 13(45):6031.
- 221.Kalliora AC, Dedoussis GV: Natural antioxidant compounds in risk factors for CVD. *Pharmacological research* 2007, 56(2):99-109.
- 222.Dedoussis GV, Theodoraki EV, Manios Y, Panagiotakos D, Papoutsakis C, Skenderi K, Zampelas A, Yiannakouris N: The Pro12Ala Polymorphism in PPAR γ 2 Gene Affects Lipid Parameters in Greek Primary School Children: A Case of Gene-to-Gender Interaction. *The American journal of the medical sciences* 2007, 333(1):10-15.
- 223.Dedoussis GV, Panagiotakos DB, Louizou E, Mantoglou I, Chrysohou C, Lamnisou K, Pitsavos C, Stefanadis C: Cholesteryl ester-transfer protein (CETP) polymorphism and the association of acute coronary syndromes by obesity status in Greek subjects: the CARDIO2000-GENE study. *Human heredity* 2007, 63(3-4):155-161.
- 224.Dedoussis GV, Kalliora AC, Panagiotakos DB: Genes, diet and type 2 diabetes mellitus: a review. The review of diabetic studies 2007, 4(1):13.
- 225.Dedoussis GV: Apolipoprotein polymorphisms and familial hypercholesterolemia. *Pharmacogenomics*. 2007 Sep;8(9):1179-89.
- 226.Dedoussis G, Louzou E, Michelekakis H, Komianou F, di Perna M, Bisceglia L: Human gene mutations. Gene symbol: SLC3A1. Disease: cystinuria. *Human genetics* 2007, 122(2):215.
- 227.Pitsavos C, Papadimitriou L, Panagiotakos D, Chrysohou C, Skoumas J, Dedoussis G, Stefanadis C: Lack of association between the C825T polymorphism in G-protein beta-3 subunit and arterial blood pressure levels in

cardiovascular disease free individuals: the ATTICA epidemiological study. *Journal of human hypertension* 2006, 20(4):303.

228.Pitsavos C, Panagiotakos D, Trichopoulou A, Chrysohoou C, Dedoussis G, Chloptsios Y, Choumerianou D, Stefanadis C: Interaction between Mediterranean diet and methylenetetrahydrofolate reductase C677T mutation on oxidized low density lipoprotein concentrations: the ATTICA study. *Nutrition, metabolism and cardiovascular diseases* 2006, 16(2):91-99.

229.Marcellini F, Giuli C, Papa R, Gagliardi C, Dedoussis G, Herbein G, Fulop T, Monti D, Rink L, Jajte J: Zinc status, psychological and nutritional assessment in old people recruited in five European countries: Zincage study. *Biogerontology* 2006, 7(5-6):339-345.

230.Kanoni S, Dedoussis G, Manios Y, Malavolta M, Mocchegiani E: Health status, blood and anthropometrical indices from Greek old and nonagenarian subjects. *Biogerontology* 2006, 7(5-6):329.

231.Kaliora A, Dedoussis G, Schmidt H: Dietary antioxidants in preventing atherogenesis. *Atherosclerosis* 2006, 187(1):1-17.

232.Dedoussis GV, Maumus S, Skoumas J, Choumerianou DM, Pitsavos C, Stefanadis C, Visvikis-Siest S: Natriuretic peptide Val7Met substitution and risk of coronary artery disease in Greek patients with familial hypercholesterolemia. *Journal of clinical laboratory analysis* 2006, 20(3):98-104.

233.Dedoussis GV, Maumus S, Choumerianou DM, Skoumas J, Pitsavos C, Stefanadis C, Visvikis-Siest S: Different genes and polymorphisms affecting high-density lipoprotein cholesterol levels in Greek familial hypercholesterolemia patients. *Genetic testing* 2006, 10(3):192-199.

234.Dedoussis G: Gene-diet interactions in childhood obesity. *Clinical chemistry and laboratory medicine* 2006, 44(8).

235.Choumerianou DM, Maumus S, Skoumas J, Pitsavos C, Stefanadis C, Visvikis-Siest S, Dedoussis GV: Polymorphisms associated with apolipoprotein B levels in Greek patients with familial hypercholesterolemia. *Clinical Chemistry and Laboratory Medicine (CCLM)* 2006, 44(7):799-806.

236.Pitsavos C, Choumerianou D, Skoumas J, Maumus S, Stefanadis C, Dedoussis G, Visvikis-Siest S: Apolipoprotein E polymorphism is not associated with lipid levels and coronary artery disease in Greek patients with familial hypercholesterolemia. *Clinical and experimental medicine* 2005, 5(4):196-201.

237.Kaliora AC, Dedoussis G, Andrikopoulos N: Mastic gum and gastrointestinal diseases. *Annals of gastroenterology* 2005.

238.Gurwitz D, Lunshof J, Dedoussis G, Flordellis C, Fuhr U, Kirchheimer J, Licinio J, Llerena A, Manolopoulos V, Sheffield L: Pharmacogenomics education: International Society of Pharmacogenomics recommendations for medical, pharmaceutical, and health schools deans of education. *The pharmacogenomics journal* 2005, 5(4):221.

239.Dedoussis GV, Panagiotakos DB, Vidra NV, Louizou E, Chrysohoou C, Germanos A, Mantas Y, Tokmakidis S, Pitsavos C, Stefanadis C: Association between TNF- α -308G>A polymorphism and the development of acute coronary syndromes in Greek subjects: The CARDIO2000-GENE Study. *Genetics in Medicine* 2005, 7(6):411.

240.Dedoussis GV, Panagiotakos DB, Pitsavos C, Chrysohoou C, Skoumas J, Choumerianou D, Stefanadis C, Group AS: An association between the methylenetetrahydrofolate reductase (MTHFR) C677T mutation and inflammation markers related to cardiovascular disease. *International journal of cardiology* 2005, 100(3):409-414.

241.Dedoussis GV, Kyrtsonis M-C, Gyparaki M, Sinopoulou K, Tsaftaridis P, Loutradis A: Fetal Hemoglobin Variations in Beta Thalassemia Heterozygotes in Greece. *Hellenic Society of Haematology*, 8 (1): 70 2005, 74.

242.Dedoussis GV, Kaliora AC, Andrikopoulos NK: Effect of phenols on natural killer (NK) cell-mediated death in the K562 human leukemic cell line. *Cell biology international* 2005, 29(11):884-889.

243.Dedoussis G, Panagiotakos D, Pitsavos C, Chrysohoou C, Skoumas J, Choumerianou D, Stefanadis C: Study Group ATTICA (2005) An association between the methylenetetrahydrofolate reductase (MTHFR) C677T mutation

and inflammation markers related to cardiovascular disease. International journal of cardiology 2005, 100(3):409-414.

244.Dedoussis G, Genschel J, Sialvera TE, Bochow B, Manolaki N, Manios Y, Tsafantakis E, Schmidt H: Wilson disease: high prevalence in a mountaineous area of crete. Annals of human genetics 2005, 69(3):268-274.

245.Choumerianou DM, Dedoussis GV: Familial hypercholesterolemia and response to statin therapy according to LDLR genetic background. Clinical Chemistry and Laboratory Medicine (CCLM) 2005, 43(8):793-801.

246.Kaliora A, Dedoussis G, Schmidt H: Classification of individuals with dyslipidaemia controlled by statins according to plasma biomarkers of oxidative stress using cluster analysis. Free Radic Biol Med 2004, 37:1301-1303.

247.Dedoussis GV, Schmidt H, Genschel J: LDL-receptor mutations in Europe. Human mutation 2004, 24(6):443-459.

248.Dedoussis GV, Panagiotakos DB, Chrysohoou C, Pitsavos C, Zampelas A, Choumerianou D, Stefanadis C: Effect of interaction between adherence to a Mediterranean diet and the methylenetetrahydrofolate reductase 677C/T mutation on homocysteine concentrations in healthy adults: the ATTICA Study. The American journal of clinical nutrition 2004, 80(4):849-854.

249.Dedoussis GV, Manios Y, Choumerianou DM, Yiannakouris N, Panagiotakos DB, Skenderi K, Zampelas A: The IL-6 gene G-174C polymorphism related to health indices in Greek primary school children. Obesity research 2004, 12(7):1037-1041.

250.Dedoussis GV, Kaliora AC, Psarras S, Chiou A, Mylona A, Papadopoulos NG, Andrikopoulos NK: Antiatherogenic effect of Pistacia lentiscus via GSH restoration and downregulation of CD36 mRNA expression. Atherosclerosis 2004, 174(2):293-303.

251.Dedoussis GV, Genschel J, Bochow B, Pitsavos C, Skoumas J, Prassa M, Lkhagvasuren S, Toutouzas P, Vogt A, Kassner U: Molecular characterization of familial hypercholesterolemia in German and Greek patients. Human mutation 2004, 23(3):285-286.

252.Dedoussis G, Skoumas J, Pitsavos C, Choumerianou D, Genschel J, Schmidt H, Stefanadis C: FH clinical phenotype in Greek patients with LDL-R defective vs. negative mutations. European journal of clinical investigation 2004, 34(6):402-409.

253.Dedoussis G, Panagiotakos D, Chrysohoou C, Pitsavos C, Zampelas A, Choumerianou D, Stefanadis C: Original Research Communications-Cardiovascular disease risk-Effect of interaction between adherence to a Mediterranean diet and the methylenetetrahydrofolate reductase 677C--> T mutation on. American Journal of Clinical Nutrition 2004, 80(4):849-854.

254.Andrikopoulos NK, Chiou A, Mylona A, Boskou G, Dedoussis GV: Monitoring of 2, 4-decadienal in oils and fats used for frying in restaurants in Athens, Greece. European Journal of Lipid Science and Technology 2004, 106(10):671-679.

255.Kaliora A, Andrikopoulos N, Dedoussis G, Chiou A, Mylona A: Medium polarity lipids from fried oils promote LDL oxidation in vitro. Italian journal of food science 2003, 15(4).

256.Dedoussis G, Pitsavos C, Kelberman D, Skoumas J, Prassa M, Choumerianou D, Stefanadis C, Humphries S, Toutouzas P: FH-Pyrgos: a novel mutation in the promoter (- 45delT) of the low-density lipoprotein receptor gene associated with familial hypercholesterolemia. Clinical genetics 2003, 64(5):414-419.

257.Andrikopoulos NK, Boskou G, Dedoussis GV, Chiou A, Tzamtzis VA, Papathanasiou A: Quality assessment of frying oils and fats from 63 restaurants in Athens, Greece. Food Service Technology 2003, 3(2):49-59.

258.Dedoussis G, Kyrtsonis M-C, Andrikopoulos N, Voskaridou E, Loutradis A: Inverse correlation of plasma leptin and soluble transferrin receptor levels in β-thalassemia patients. Annals of hematology 2002, 81(9):543-547.

259.Andrikopoulos NK, Dedoussis GV, Tzamtzis V, Chiou A, Boskou G: Evaluation of medium polarity materials isolated from fried edible oils by RP-HPLC. European journal of lipid science and technology 2002, 104(2):110-115.

- 260.Andrikopoulos NK, Dedoussis GV, Falirea A, Kalogeropoulos N, Hatzinikola HS: Deterioration of natural antioxidant species of vegetable edible oils during the domestic deep-frying and pan-frying of potatoes. International journal of food sciences and nutrition 2002, 53(4):351-363.
- 261.Andrikopoulos N, Dedoussis G, Tzamtzis V, Chiou A, Boskou G: Evaluation of some frying by-products isolated from fried edible oils by RP-HPLC. Eur J Lipid Sci Technol 2002, 104:110.
- 262.Dedoussis GV, Andrikopoulos NK: Glutathione depletion restores the susceptibility of cisplatin-resistant chronic myelogenous leukemia cell lines to Natural Killer cell-mediated cell death via necrosis rather than apoptosis. European journal of cell biology 2001, 80(9):608-614.
- 263.Dedoussis GV, Mandilara GD, Boussiu M, Loutradis A: HbF Production in b Thalassaemia Heterozygotes for the IVS-II-1 G--> A b0-Globin Mutation. Implication of the Haplotype and the Gg-158 C--> T Mutation on the HbF Level. American journal of hematology 2000, 64(3):151-155.
- 264.Dedoussis G, Sinopoulou K, Gyparaki M, Loutradis A: Fetal hemoglobin expression in the compound heterozygous state for- 117 (G--> A) α HPFH and IVS-1 nt 110 (G--> A) β + thalassemia: a case study. European journal of haematology 2000, 65(2):93-96.
- 265.Dedoussis GV, Sinopoulou K, Gyparaki M, Loutradis A: Volume 61, Number 2 June 1999-CASE REPORTS-Fetal Hemoglobin Expression in the Compound Heterozygous State for-117 (G--> A) Ag HPFH and IVSII-745 (C--> G) b+ Thalassemia: A Case Study. American journal of hematology 1999, 61(4):139-143.
- 266.Dedoussis GV, Mouzaki A, Theodoropoulou M, Menounos P, Kyrtsonis M-C, Karameris A, Maniatis A: Endogenous interleukin 6 conveys resistance to cis-diamminedichloroplatinum-mediated apoptosis of the K562 human leukemic cell line. Experimental cell research 1999, 249(2):269-278.
- 267.Kyrtsonis M-C, Repa C, Dedoussis GV, Mouzaki A, Simeonidis A, Stamatelou M, Maniatis A: Serum transforming growth factor-I is related to the degree of immunoparesis in patients with multiple myeloma. Med Oncol. 1998 Jul;15(2):124-8.
- 268.Dedoussis G, Menounos P, Papadopoulos N, Karameris A: Cisplatin (CDDP)-resistant K562 cell lines became less susceptible by NK lysis. Anticancer research 1998, 18:1081-1085.
- 269.Dedoussis G, Menounos P, Papadopoulos N, Gounaris A, Karameris A: Reduction of susceptibility to NK lysis in cisplatin-resistant K562 cell lines. Anticancer research 1998, 18(4C):3081-3085.
- 270.Dedoussis G, Menounos P, Kyrtsonis M-C, Karameris A, Maniatis A: Endogenous produced interleukin-6 protects K562 cells from cisplatin mediated cytotoxicity. British journal of haematology 1998, 102(1-I).
- 271.KYRTSONIS MC, Dedoussis G, Zervas C, Perifanis V, Baxevanis C, Stamatelou M, Maniatis A: Soluble interleukin-6 receptor (sIL-6R), a new prognostic factor in multiple myeloma. British journal of haematology 1996, 93(2):398-400.
- 272.Papadopoulos NG, Dedoussis GV, Baxevanis CN, Papamichail M: Bioassay vs. immunoassay for quantification of interleukin-6 in biological fluids. Journal of clinical laboratory analysis 1995, 9(4):234-237.
- 273.Papadopoulos N, Gritzapis A, Dedoussis G, Spanakos G, Baxevanis C, Papamichail M: Production and characterization of a monoclonal antibody against epirubicin. Hybridoma 1995, 14(6):593-596.
- 274.Baxevanis CN, Dedoussis GV, Papadopoulos NG, Missitzis I, Beroukas C, Stathopoulos GP, Papamichail M: Enhanced human lymphokine-activated killer cell function after brief exposure to granulocyte-macrophage-colony stimulating factor. Cancer 1995, 76(7):1253-1260.
- 275.Baxevanis C, Dedoussis G, Papadopoulos N, Missitzis I, Beroukas C, Stathopoulos G, Papamichail M: Enhanced human lymphokine-activated killer cell function after brief exposure to granulocyte-macrophage-colony stimulating factor. Cancer 1995, 76:1253-1260.

- 276.Papadopoulos NG, Dedoussis GV, Spanakos G, Gritzapis AD, Baxevanis CN, Papamichail M: An improved fluorescence assay for the determination of lymphocyte-mediated cytotoxicity using flow cytometry. *Journal of immunological methods* 1994, 177(1-2):101-111.
- 277.Baxevanis CN, Papilas K, Dedoussis GV, Pavlis T, Papamichail M: Abnormal cytokine serum levels correlate with impaired cellular immune responses after surgery. *Clinical immunology and immunopathology* 1994, 71(1):82-88.
- 278.Baxevanis CN, Gritzapis AD, Dedoussis GV, Papadopoulos NG, Tsolas O, Papamichail M: Induction of lymphokine-activated killer activity in mice by prothymosin alpha. *Cancer Immunology, Immunotherapy* 1994, 38(4):281-286.
- 279.Baxevanis CN, Dedoussis GV, Papadopoulos NG, Missitzis I, Stathopoulos GP, Papamichail M: Tumor specific cytolysis by tumor infiltrating lymphocytes in breast cancer. *Cancer* 1994, 74(4):1275-1282.
- 280.Baxevanis CN, Dedousis GV, Gritzapis AD, Papadopoulos NG, Arsenis P, Katsiyiannis A, Papamichail M: On the role of monokines in the generation of nonspecific suppressor T cell activity in vitro. *Immunopharmacology and immunotoxicology* 1994, 16(2):225-245.
- 281.Baxevanis C, Dedoussis G, Gritzapis A, Stathopoulos G, Papamichail M: Interleukin 1-alpha synergizes with interleukin 2 in the outgrowth of autologous tumour-reactive CD8+ effectors. *British journal of cancer* 1994, 70(4):625.
- 282.Baxevanis CN, Reclos GJ, Gritzapis AD, Dedousis GV, Missitzis I, Papamichail M: Elevated prostaglandin E2 production by monocytes is responsible for the depressed levels of natural killer and lymphokine-activated killer cell function in patients with breast cancer. *Cancer* 1993, 72(2):491-501.
- 283.Baxevanis C, Reclos G, Gritzapis A, Dedousis G, Arsenis P, Katsiyiannis A, Mitsis P, Tsavaris N, Papamichail M: Comparison of immune parameters in patients with one or two primary malignant neoplasms. *Natural immunity* 1993, 12(1):41-49.
- 284.Baxevanis C, Reclos G, Gritzapis A, Dedousis G, Missitizis I, Papamichail M: Elevated prostaglandin E2 production by monocytes is responsible for the depressed levels of natural killer and lymphokine-activated killer cell function in patients with breast cancer. *Cancer* 1993, 72:491-501.

Αδαμαντίνη Κυριακού, Αναπληρώτρια Καθηγήτρια

1.Vlassopoulou M, Yannakoulia M, Pletsas V, Zervakis G.I, Kyriacou A. Effects of fungal beta-glucan on health-a systematic review of randomized controlled trials. *Food and Function* 2021; 12:3366-3380
<https://pubmed.ncbi.nlm.nih.gov/33876798>

2.Kerezoudi E, Mitsou E.K, Gioti K, Terzi E, Avgousti I, Panagiotou A, Koutrotsios G, Zervakis GI, Mountzouris KC, Tenta R, Kyriacou A. Fermentation of Pleurotus ostreatus and Ganoderma lucidum mushrooms and their extracts by gut microbiota of healthy and osteopenic women: potential prebiotic effect and impact on human osteoblasts. *Food and Function* 2021; 12:1529 – 1546
<https://pubmed.ncbi.nlm.nih.gov/33521800>

3.Boulaka A., Christodoulou P., Vlassopoulou M., Koutrotsios G., Bekiaris G., Zervakis G., Mitsou E.K., Saxami G., Kyriacou A., Zervou M., Georgiadis P, Pletsas V. Genoprotective properties and metabolites of β-glucan-rich edible mushrooms following their in vitro fermentation by human faecal microbiota. *Molecules* 2020; 25: 3554
<https://pubmed.ncbi.nlm.nih.gov/32759726>

4.Mitsou EK, Saxami G, Stamoulou E, Kerezoudi E, Terzi E, Koutrotsios G, Bekiaris G, Zervakis GI, Mountzouris KC, Kyriacou A. Effects of rich in β-glucans edible mushrooms on aging gut microbiota characteristics: an in vitro study. *Molecules* 2020; 25(12): 2806
<https://pubmed.ncbi.nlm.nih.gov/32570735>

5.Mitsou EK, Detopoulou M, Kakali A, Fragopoulou E, Nomikos T, Antonopoulou S, Panagiotakos DB, Kyriacou A. Mining possible associations of faecal Akkermansia muciniphila colonization patterns with host adiposity and cardiometabolic markers in an adult population. *Beneficial Microbes* 2019; 10: 741-749
<https://pubmed.ncbi.nlm.nih.gov/31965843>

6.Koutrotsios G., Patsou M., Mitsou EK., Bekiaris G., Kotsou M., Tarantilis P., Pletsas V., Kyriacou A., Zervakis G. Biotransformation of olive by-products into Ganoderma lucidum and Pleurotus ostreatus mushrooms with enhanced functional and prebiotic properties. *Catalysts* 2019; 9:537 <https://doi.org/10.3390/catal9060537>

7.Kyriacou A., Mitsou E.K., Abeliotis K., Chroni C., Lasaridi K. E. Mapping of antibiotic resistant enterococci in wastewater treatment plants in Greece. *Desalination and Water Treatment* 2018; 112: 250-257 <https://doi.org/10.5004/dwt.2018.22391>

8.Maragkaki AE, Fountoulakis M, Kyriacou A, Lasaridi K, Manios T. Boosting biogas production from sewage sludge by adding small amount of agro-industrial by-products and food waste residues. *Waste Management* 2018; 71:605-611
<https://pubmed.ncbi.nlm.nih.gov/28427739>

9.Mitsou E., Kakali A., Antonopoulou S., Mountzouris K., Yannakoulia M., Panagiotakos D. and Kyriacou A. Adherence to Mediterranean diet is associated with gut microbiota pattern and gastrointestinal characteristics in an adult population. *Br. J. Nutrition* 2017; 117: 1645-16552. <https://pubmed.ncbi.nlm.nih.gov/28789729>

10.Baschali A., Tsakalidou E., Kyriacou A. and Matalas A.L. Understanding consumers' perceptions, behavior and attitudes towards homemade non- and low- alcoholic fermented beverages in on-line comments: a content analysis *Int. J. Food Science and Nutrition* 2017; 2(3): 58-67

- 11.Baschali A., Tsakalidou E., Kyriacou A., Karavasiloglou N., Matalas A.L. Traditional low- and non-alcoholic fermented beverages consumed in European countries: a neglected food group. *Nutrition Research Reviews* 2017; 1-24 <https://pubmed.ncbi.nlm.nih.gov/28115036>
- 12.Maragkaki A.E., Fountoulakis M., Gypakis A., Kyriacou A., Lasaridi K., Manios T. Pilot-scale anaerobic co-digestion of sewage sludge with agro-industrial by-products for increased biogas production of existing digesters at wastewater treatment plants *Waste Management* 2016; 59: 362-370 <https://pubmed.ncbi.nlm.nih.gov/27818072>
- 13.Turunen K., Pletsas V., Georgiadis P., Triantafyllidis J.K., Karamanolis D., Kyriacou A. Impact of beta glucan on the faecal water genotoxicity of polypectomized patients. *Nutrition & Cancer* 2016; 68: 560-567 <https://pubmed.ncbi.nlm.nih.gov/27043932/>
- 14.Polycarpou E., Zachaki S., Papaevangelou V., Tsolia M., Kyriacou A., Kostalos C., Kafetzis D. Oral L-arginine supplementation and fecal calprotectin levels in very low birth weight neonates. *Journal of Perinatology* 2013; 33(2): 141-146 <https://pubmed.ncbi.nlm.nih.gov/22555780>
- 15.Kirtzalidou E., Mitsou EK., Pramateftaki P., Kyriacou A. Screening faecal enterococci from Greek healthy infants for their susceptibility to antimicrobial agents. *Microbial drug resistance* 2012; 18(6): 578-585 <https://pubmed.ncbi.nlm.nih.gov/22827719/>
- 16.Mitsou EK., Kougia E., Nomikos Tz., Yannakoulia M., Mountzouris K., Kyriacou A. Effect of banana consumption on faecal microbiota: a double-blind, randomized, controlled trial. *Anaerobe* 2011; 17:384-387 <https://pubmed.ncbi.nlm.nih.gov/21524710/>
- 17.Turunen K., Tsouvelakidou E., Nomikos Tz., Mountzouris K., Kyriacou A. Impact of beta-glucan on the faecal microbiota of polypectomized patients: a pilot study. *Anaerobe* 2011; 17:403-406 <https://pubmed.ncbi.nlm.nih.gov/21515398>
- 18.Kirtzalidou K., Pramateftaki P., Kotsou M., Kyriacou A. Screening for lactobacilli with probiotic properties in the infant gut microbiota. *Anaerobe* 2011; 17:440-443 <https://pubmed.ncbi.nlm.nih.gov/21621627>
- 19.Lasaridi K.A., Chroni C., Fortatos S., Chatzipavlidis I., Kyriacou A. Estimating the bioremediation of green table olive processing wastewater using a selected strain of *Aspergillus niger*. *Desalination and Water Treatment* 2010; 23: 26-31 <https://doi.org/10.5004/dwt.2010.1411>
- 20.Lasaridi K.A., Katsabanis G., Kyriacou A., Maggos T., Manios Th., Fountoulakis M., Kalogerakis N., Karageorgos P., Stentiford P. Assessing Odour Nuisance from Wastewater Treatment and Composting Facilities in Greece. *Waste Management & Research* 2010; 28(11): 977-984 [https://pubmed.ncbi.nlm.nih.gov/20522490/](https://pubmed.ncbi.nlm.nih.gov/20522490)
- 21.Mitsou EK., Kirtzalidou E., Pramateftaki P. & Kyriacou A. Antibiotic resistance in faecal microbiota of Greek healthy infants. *Beneficial microbes* 2010; 1(3): 297-306 <https://pubmed.ncbi.nlm.nih.gov/21831766/>
- 22.Mitsou EK., Panopoulou N., Turunen K., Spiliotis V. and Kyriacou A. Prebiotic potential of barley derived β -glucan at low intake levels: a randomized, double-blinded, placebo-controlled clinical study. *Food Research International* 2010; 43 (4): 1086-1092 <https://doi.org/10.1016/j.foodres.2010.01.020>
- 23.Koutsompogeras P., Kyriacou A., Zabetakis I. Characterization of NAD-dependent Alcohol Dehydrogenase Enzymes of strawberry's achenes (*Fragaria x ananassa* cv. Elsanta) and comparison with respective enzymes from *Methylobacterium extorquens*. *LWT - Food Science and Technology* 2010; 43(5): 828-835 <https://doi.org/10.1016/j.lwt.2010.01.017>
- 24.Fountoulakis, M. S., Makridis, L., Pirounaki, E. K., Chroni, C., Kyriacou, A., Lasaridi, K. and Manios, T. Fate and effect of linuron and metribuzin on the co-composting of green waste and sewage sludge. *Waste Management* 2010; 30(1): 41-49 [https://pubmed.ncbi.nlm.nih.gov/19783419/](https://pubmed.ncbi.nlm.nih.gov/19783419)
- 25.Mitsou EK., Turunen K., Anapliotis P., Zisi D., Spiliotis V. and Kyriacou A. Impact of a jelly containing short chain fructo-oligosaccharides and Sideritis euboea extract on human faecal microbiota. *International Journal of Food Microbiology* 2009; 135(2):112-117 <https://pubmed.ncbi.nlm.nih.gov/19735957>

- 26.Chroni C., Kyriacou A., Manios T., Lasaridi K.E. Investigation of the microbial community structure and activity as indicators of compost stability and composting process evolution. *Bioresource Technology* 2009; 100(15): 3745-3750 <https://pubmed.ncbi.nlm.nih.gov/19136252>
- 27.Kyriacou A., Drakopoulou S., Georgaki I., Fountoulakis M., Mitsou EK., Lasaridi K.E., Manios Y., Manios I. Screening for faecal contamination in primary schools in Crete, Greece. *Child: Care, Health & Development* 2009; 35(2):159-163 <https://pubmed.ncbi.nlm.nih.gov/19054009>
- 28.Chroni Ch., Kyriacou A., Georgaki I., Manios T., Kotsou M. and Lasaridi K.E., Microbial characterization during composting of biowaste. *Waste Management* 2009; 29(5): 1520-1525. <https://pubmed.ncbi.nlm.nih.gov/19167876>
- 29.Georgaki I., Tsamoukas A., Sakkas N., Maniadakis K., Ververidis F., Trantafiliou E., Kyriacou A., Lasaridi K., Manios T. The role of bulking agent in pile methane and carbon dioxide concentration during sewage sludge windrow composting. *Water Environment Research* 2009; 81 (1): 5-12 <https://pubmed.ncbi.nlm.nih.gov/19280894>
- 30.Oikonomou I., Halatsi K., Kyriacou A. Selective PCR. A novel internal amplification control strategy for enhanced sensitivity. *Letters in Applied Microbiology* 2008; 46: 456-461 <https://pubmed.ncbi.nlm.nih.gov/18298457>
- 31.Mitsou EK., Kirtzalidou E., Oikonomou I., Liosis G., Kyriacou A. Fecal microflora of Greek healthy neonates, *Anaerobe* 2008; 14: 94-101 <https://pubmed.ncbi.nlm.nih.gov/18207437>
- 32.Kotsou M., Mitsou EK., Oikonomou I., Kyriacou A. In vitro assessment of probiotic properties of *Lactobacillus* strains from infant gut microflora. *Food Biotechnology* 2008; 22 (1): 1-17 <https://doi.org/10.1080/08905430701707844>
- 33.Kyriacou A., Tsipidou E., Kazantzis E., Mitsou EK., Kirtzalidou E., Oikonomou I., Gazis G., Kotsou M. Microbial content and antibiotic susceptibility of bacterial isolates from yogurts. *International Journal of Food Sciences and Nutrition* 2008; 59 (6): 512-525 <https://pubmed.ncbi.nlm.nih.gov/18686111>
- 34.Koutsomopogeras P., Kyriacou A., Zabetakis I. The formation of 2,5-dimethyl-4-hydroxy-2H-furan-3-one by cell-free extracts of *Methylobacterium extorquens* and strawberry (*Fragaria x ananassa* cv. Elsanta). *Food Chemistry* 2007; 104 (4): 1654-1661. <https://doi.org/10.1016/j.foodchem.2007.03.025>
- 35.Gazi A.V., Kyriacou A., Kotsou M., Lasaridi K.E. Microbial community dynamics and stability assessment during green waste composting. *Global NEST Journal* 2007; 9, 1, 35-41. <https://doi.org/10.30955/gnj.000420>
- 36.Zabetakis I., Koutsomopogeras P., Kyriacou A. The biosynthesis of furaneol in strawberry: the plant cells are not alone. *Developments in Food Science* 2006; 43(C), 141-144 [https://doi.org/10.1016/S0167-4501\(06\)80034-8](https://doi.org/10.1016/S0167-4501(06)80034-8)
- 37.Halatsi K., Oikonomou I., Lampiri M.P., Mandilara G.D., Vatopoulos A.K., Kyriacou A. PCR detection of *Salmonella* spp. using primers targeting the quorum sensing gene *sdiA*. *FEMS Microbiology Letters* 2006; 259: 201-207 <https://pubmed.ncbi.nlm.nih.gov/16734780/>
- 38.Koutsomopogeras P., Kyriacou A., Zabetakis I. Characterizing NAD-Dependent Alcohol Dehydrogenase Enzymes of *Methylobacterium extorquens* and strawberry (*Fragaria x ananassa* cv. Elsanta). *Journal of Agricultural and Food Chemistry* 2006; 54(1): 235-242. <https://pubmed.ncbi.nlm.nih.gov/16390205>
- 39.Lasaridi K., Protopapa I., Kotsou M., Pilidis G., Manios T., Kyriacou A. Quality assessment of composts in the greek market: The need for standards and quality assurance. *Journal of Environmental Management* 2006; 80(1): 58-65. <https://pubmed.ncbi.nlm.nih.gov/16337077>
- 40.Antonopoulou S., Nomikos T., Oikonomou A., Kyriacou A., Andriotis M., Fragopoulou E., Pantazidou A. Characterization of bioactive glycolipids from *Scytonema julianum* (cyanobacteria). *Comparative Biochemistry and Physiology, Part B* 2005; 140: 219-231 <https://pubmed.ncbi.nlm.nih.gov/15649769>
- 41.Kyriacou, A., Lasaridi K.E., Kotsou M., Balis C., Pilidis G. Combined bioremediation and advanced oxidation of green table olive processing wastewater. *Process Biochemistry* 2005; 40 (3-4): 1401-1408. <https://doi.org/10.1016/j.procbio.2004.06.001>

- 42.Kotsou M., Kyriakou A., Lasaridi K., Pilidis G. Integrated aerobic biological treatment and chemical oxidation with Fenton's reagent for processing of table olives' wastewater. *Process Biochemistry* 2004; 39(11): 1653- 1660. [https://doi.org/10.1016/S0032-9592\(03\)00308-X](https://doi.org/10.1016/S0032-9592(03)00308-X)
- 43.Maniadakis K., Lasaridi K.E., Manios Y., Kyriacou M., Manios T. Integrated waste management through producers and consumers education: Composting of vegetable crop residues for reuse in cultivation. *Journal of Environmental Science and Health, Part B*, 2004; 39(1): 169-183. <https://pubmed.ncbi.nlm.nih.gov/15022749>
- 44.Kotsou M., Mari I., Lasaridi K., Chatzipavlidis I., Balis C., Kyriakou A. The effect of olive oil mill wastewater (OMW) on soil suppressiveness against Rhizoctonia solani. *Applied Soil Ecology* 2004; 26(2): 113-121. <https://doi.org/10.1016/j.apsoil.2003.12.001>
- 45.Kyriacou A., Voidarou C., Tsotsias A., Tassiopoulou S., Kotsou M., Andrikopoulos N., Bezirtzoglou E. Occurrence of Clostridium perfringens in traditional herbal plants. *Microecology and Therapy* 2002; 29: 157-161.
- 46.Fischer G., Kyriacou A., Decaris B., Leblond P. Genetic instability and its possible evolutionary implications in Streptomyces. *Biochimie* 1997; 79: 555-558. <https://pubmed.ncbi.nlm.nih.gov/9466692>
- 47.Kyriacou A., Balis C., Typas M.A. Improvement of lysine production by analogue sensitive and auxotroph mutants of the acetylene utilising bacterium Rhodococcus bronchialis (Gordona bronchialis). *Applied Biochemistry and Biotechnology* 1997; 66: 281-289. <https://pubmed.ncbi.nlm.nih.gov/9276926>
- 48.Berger F., Fischer G., Kyriacou A., Decaris B., Leblond P. Mapping of the ribosomal operons on the linear chromosomal DNA of Streptomyces ambofaciens DSM 40697. *FEMS Microbiology Letters* 1996; 143: 167-173. <https://pubmed.ncbi.nlm.nih.gov/8837469>

Τζώρτζης Νομικός, Αναπληρωτής Καθηγητής

- 1.Nomikos TN, Antonopoulou S, Argyropoulos D, Demopoulos CA. Determination of platelet-activating factor by HPLC with fluorescence detection. *J Liq Chromatogr Relat Technol.* 1999;22(9):1331-1341.
doi:10.1081/JLC-100101735
- 2.Fragopoulou E, Nomikos T, Antonopoulou S, Mitsopoulou CA, Demopoulos CA. Separation of biologically active lipids from red wine. *J Agric Food Chem.* 2000;48(4):1234-1238. doi:10.1021/jf990554p
- 3.Panayiotou A, Samartzis D, Nomikos T, et al. Lipid fractions with aggregatory and antiaggregatory activity toward platelets in fresh and fried cod (*Gadus morhua*): Correlation with platelet-activating factor and atherogenesis. *J Agric Food Chem.* 2000;48(12):6372-6379. doi:10.1021/jf000701f
- 4.Fragopoulou E, Nomikos T, Tsantila N, Mitropoulou A, Zabetakis I, Demopoulos CA. Biological activity of total lipids from red and white wine/must. *J Agric Food Chem.* 2001;49(11):5186-5193. doi:10.1021/jf0106392
- 5.Iatrou C, Afentakis N, Nomikos T, Dinas C, Stavropoulos-Giokas C, Antonopoulou S. Is platelet-activating factor produced during hemodialysis with AN-69 polyacrylonitrile membrane? *Nephron.* 2002;91(1):86-93.
doi:10.1159/000057609
- 6.Nomikos T, Karantonis HC, Fragopoulou E, Demopoulos CA. One-step separation system for the main phospholipids, glycolipids, and phenolics by normal phase HPLC. Application to polar lipid extracts from olive and sunflower oils. *J Liq Chromatogr Relat Technol.* 2002;25(1):137-149. doi:10.1081/JLC-100108545
- 7.Fragopoulou E, Antonopoulou S, Nomikos T, Demopoulos CA. Structure elucidation of phenolic compounds from red/white wine with antiatherogenic properties. *Biochim Biophys Acta Mol Cell Biol Lipids.* 2003;1632(1-3):90-99.
doi:10.1016/S1388-1981(03)00066-0
- 8.Karantonis HC, Zabetakis I, Nomikos T, Demopoulos CA. Antiatherogenic properties of lipid minor constituents from seed oils. *J Sci Food Agric.* 2003;83(12):1192-1204. doi:10.1002/jsfa.1521
- 9.Nomikos TN, Iatrou C, Demopoulos CA. Acetyl-CoA:1-O-alkyl-sn-glycero-3-phosphocholine acetyltransferase (lyso-PAF AT) activity in cortical and medullary human renal tissue. *Eur J Biochem.* 2003;270(14):2992-3000.
doi:10.1046/j.1432-1033.2003.03676.x
- 10.Nomikos TN, Iatrou C, Demopoulos CA. Application of a TCA-precipitation method for the determination of 1-alkyl-sn-glycero-3-phosphate: Acetyl-CoA acetyltransferase in human renal tissue. *Prostaglandins Other Lipid Mediators.* 2004;73(1-2):123-140. doi:10.1016/j.prostaglandins.2004.01.002
- 11.Antonopoulou S, Karantonis HC, Nomikos T, Oikonomou A, Fragopoulou E, Pantazidou A. Bioactive polar lipids from Chroococcidiopsis sp. (Cyanobacteria). *Comp Biochem Physiol B Biochem Mol Biol.* 2005;142(3):269-282.
doi:10.1016/j.cbpc.2005.07.007
- 12.Antonopoulou S, Nomikos T, Oikonomou A, et al. Characterization of bioactive glycolipids from *Scytonema julianum* (cyanobacteria). *Comp Biochem Physiol B Biochem Mol Biol.* 2005;140(2):219-231.
doi:10.1016/j.cbpc.2004.10.006
- 13.Milias GA, Nomikos T, Fragopoulou E, Athanasopoulos S, Antonopoulou S. Effects of eccentric exercise-induced muscle injury on blood levels of platelet activating factor (PAF) and other inflammatory markers. *Eur J Appl Physiol.* 2005;95(5-6):504-513. doi:10.1007/s00421-005-0031-6

- 14.Schaffer S, Heinrich M, Leonti M, et al. Understanding local Mediterranean diets: A multidisciplinary pharmacological and ethnobotanical approach. *Pharmacol Res.* 2005;52(4):353-366.
doi:10.1016/j.phrs.2005.06.005
- 15.Milias GA, Nomikos T, Fragopoulou E, Athanasopoulos S, Antonopoulou S. Effects of baseline serum levels of Se on markers of eccentric exercise-induced muscle injury. *BioFactors.* 2006;26(3):161-170.
doi:10.1002/biof.5520260301
- 16.Nomikos T, Karantonis HC, Skarvelis C, Demopoulos CA, Zabetakis I. Antiatherogenic properties of lipid fractions of raw and fried fish. *Food Chem.* 2006;96(1):29-35. doi:10.1016/j.foodchem.2005.01.060
- 17.Fragopoulou E, Nomikos T, Karantonis HC, et al. Biological activity of acetylated phenolic compounds. *J Agric Food Chem.* 2007;55(1):80-89. doi:10.1021/jf0627221
- 18.Nasopoulou C, Nomikos T, Demopoulos CA, Zabetakis I. Comparison of antiatherogenic properties of lipids obtained from wild and cultured sea bass (*Dicentrarchus labrax*) and gilthead sea bream (*Sparus aurata*). *Food Chem.* 2007;100(2):560-567. doi:10.1016/j.foodchem.2005.09.074
- 19.Nomikos T, Detopoulou P, Fragopoulou E, Pliakis E, Antonopoulou S. Boiled wild artichoke reduces postprandial glycemic and insulinemic responses in normal subjects but has no effect on metabolic syndrome patients. *Nutr Res.* 2007;27(12):741-749. doi:10.1016/j.nutres.2007.09.009
- 20.Nomikos T, Fragopoulou E, Antonopoulou S. Food ingredients and lipid mediators. *Curr Nutr Food Sci.* 2007;3(4):255-276. doi:10.2174/1573401310703040255
- 21.Pitsavos C, Tampourlou M, Panagiotakos DB, et al. Association between low-grade systemic inflammation and type 2 diabetes mellitus among men and women from the ATTICA study. *Rev Diabetic Stud.* 2007;4(2):98-104.
doi:10.1900/RDS.2007.4.98
- 22.Tsoupras AB, Fragopoulou E, Nomikos T, Iatrou C, Antonopoulou S, Demopoulos CA. Characterization of the de novo biosynthetic enzyme of platelet activating factor, DDT-insensitive cholinophosphotransferase, of human mesangial cells. *Mediators Inflamm.* 2007;2007:27683. doi:10.1155/2007/27683
- 23.Antonopoulou S, Karantonis HC, Nomikos T. Antithrombotic and antiatherogenic lipid minor constituents from olive oil. In: Olive Oil: Minor Constituents and Health. CRC Press; 2008:173-192.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016802704&partnerID=40&md5=27045a97e1060857f270d39c53af7659>
- 24.Kalogeropoulos N, Nomikos T, Chiou A, Fragopoulou E, Antonopoulou S. Chemical composition of greek avgotaracho prepared from mullet (*Mugil cephalus*): Nutritional and health benefits. *J Agric Food Chem.* 2008;56(14):5916-5925. doi:10.1021/jf8003543
- 25.Tsoupras AB, Chini M, Tsogas N, et al. Anti-platelet-activating factor effects of highly active antiretroviral therapy (HAART): A new insight in the drug therapy of HIV infection? *AIDS Res Hum Retroviruses.* 2008;24(8):1079-1086.
doi:10.1089/aid.2007.0263
- 26.Detopoulou P, Nomikos T, Fragopoulou E, et al. Lipoprotein-associated phospholipase A2 (Lp-PLA2) activity, platelet-activating factor acetylhydrolase (PAF-AH) in leukocytes and body composition in healthy adults. *Lipids Health Dis.* 2009;8. doi:10.1186/1476-511X-8-19
- 27.Detopoulou P, Nomikos T, Fragopoulou E, et al. Platelet activating factor (PAF) and activity of its biosynthetic and catabolic enzymes in blood and leukocytes of male patients with newly diagnosed heart failure. *Clin Biochem.* 2009;42(1-2):44-49. doi:10.1016/j.clinbiochem.2008.09.113
- 28.Karantonis HC, Nomikos T, Demopoulos CA. Triacylglycerol metabolism. *Curr Drug Targets.* 2009;10(4):302-319.
doi:10.2174/138945009787846443
- 29.Letsiou S, Nomikos T, Panagiotakos D, et al. Serum total selenium status in Greek adults and its relation to age. the ATTICA study cohort. *Biol Trace Elem Res.* 2009;128(1):8-17. doi:10.1007/s12011-008-8252-2

- 30.Xanthopoulou MN, Nomikos T, Fragopoulou E, Antonopoulou S. Antioxidant and lipoxygenase inhibitory activities of pumpkin seed extracts. *Food Res Int.* 2009;42(5-6):641-646. doi:10.1016/j.foodres.2009.02.003
- 31.Detopoulou P, Panagiotakos DB, Chrysohou C, et al. Dietary antioxidant capacity and concentration of adiponectin in apparently healthy adults: The ATTICA study. *Eur J Clin Nutr.* 2010;64(2):161-168. doi:10.1038/ejcn.2009.130
- 32.Fragopoulou E, Panagiotakos DB, Pitsavos C, et al. N-Terminal proBNP distribution and correlations with biological characteristics in apparently healthy greek population: ATTICA study. *Angiology.* 2010;61(4):397-404. doi:10.1177/0003319709350134
- 33.Fragopoulou E, Panagiotakos DB, Pitsavos C, et al. The association between adherence to the Mediterranean diet and adiponectin levels among healthy adults: the ATTICA study. *J Nutr Biochem.* 2010;21(4):285-289. doi:10.1016/j.jnutbio.2008.12.013
- 34.Letsiou S, Lu Y, Nomikos T, et al. High-throughput quantification of selenium in individual serum proteins from a healthy human population using HPLC on-line with isotope dilution inductively coupled plasma-MS. *Proteomics.* 2010;10(19):3447-3457. doi:10.1002/pmic.200900677
- 35.Letsiou S, Nomikos T, Panagiotakos D, et al. Dietary habits of Greek adults and serum total selenium concentration: The ATTICA study. *Eur J Nutr.* 2010;49(8):465-472. doi:10.1007/s00394-010-0105-z
- 36.Tenta R, Panagiotakos DB, Fragopoulou E, et al. Osteoprotegerin and nuclear factor-kappaB ligand are associated with leptin and adiponectin levels, in apparently healthy women. *J Musculoskelet Neuronal Interact.* 2010;10(2):174-179.
- 37.Tite T, Lougiakis N, Myrianthopoulos V, et al. Design and synthesis of new C-nucleosides as potential adenosine deaminase inhibitors. *Tetrahedron.* 2010;66(50):9620-9628. doi:10.1016/j.tet.2010.10.005
- 38.Xanthopoulou MN, Fragopoulou E, Kalathara K, Nomikos T, Karantonis HC, Antonopoulou S. Antioxidant and anti-inflammatory activity of red and white wine extracts. *Food Chem.* 2010;120(3):665-672. doi:10.1016/j.foodchem.2009.10.058
- 39.Yanni AE, Agrogiannis G, Nomikos T, et al. Oral supplementation with L-aspartate and L-glutamate inhibits atherogenesis and fatty liver disease in cholesterol-fed rabbit. *Amino Acids.* 2010;38(5):1323-1331. doi:10.1007/s00726-009-0340-x
- 40.Zotou E, Magkos F, Koutsari C, et al. Acute resistance exercise attenuates fasting and postprandial triglyceridemia in women by reducing triglyceride concentrations in triglyceride-rich lipoproteins. *Eur J Appl Physiol.* 2010;110(4):869-874. doi:10.1007/s00421-010-1561-0
- 41.Mitsou EK, Kougia E, Nomikos T, Yannakoulia M, Mountzouris KC, Kyriacou A. Effect of banana consumption on faecal microbiota: A randomised, controlled trial. *Anaerobe.* 2011;17(6):384-387. doi:10.1016/j.anaerobe.2011.03.018
- 42.Nastos C, Kalimeris K, Papoutsidakis N, et al. Antioxidant Treatment Attenuates Intestinal Mucosal Damage and Gut Barrier Dysfunction After Major Hepatectomy. Study in a Porcine Model. *J Gastrointest Surg.* 2011;15(5):809-817. doi:10.1007/s11605-011-1475-0
- 43.Turunen K, Tsouvelakidou E, Nomikos T, et al. Impact of beta-glucan on the faecal microbiota of polypectomized patients: A pilot study. *Anaerobe.* 2011;17(6):403-406. doi:10.1016/j.anaerobe.2011.03.025
- 44.Verouti SN, Fragopoulou E, Karantonis HC, et al. PAF effects on MCP-1 and IL-6 secretion in U-937 monocytes in comparison with OxLDL and IL-1 β effects. *Atherosclerosis.* 2011;219(2):519-525. doi:10.1016/j.atherosclerosis.2011.07.123
- 45.Arkadopoulos N, Nastos C, Deftereos G, et al. Pancreatic injury after major hepatectomy: A study in a porcine model. *Surg Today.* 2012;42(4):368-375. doi:10.1007/s00595-011-0039-y

- 46.Detopoulou P, Nomikos T, Fragopoulou E, Stamatakis G, Panagiotakos DB, Antonopoulou S. PAF and its metabolic enzymes in healthy volunteers: Interrelations and correlations with basic characteristics. *Prostaglandins Other Lipid Mediators*. 2012;97(1-2):43-49. doi:10.1016/j.prostaglandins.2011.10.003
- 47.Fragopoulou E, Detopoulou P, Nomikos T, Pliakis E, Panagiotakos DB, Antonopoulou S. Mediterranean wild plants reduce postprandial platelet aggregation in patients with metabolic syndrome. *Metab Clin Exp*. 2012;61(3):325-334. doi:10.1016/j.metabol.2011.07.006
- 48.Kalogeropoulos N, Mikellidi A, Nomikos T, Chiou A. Screening of macro- and bioactive microconstituents of commercial finfish and sea urchin eggs. *LWT - Food Sci Technol*. 2012;46(2):525-531. doi:10.1016/j.lwt.2011.11.014
- 49.Stathopoulou MG, Kanoni S, Papanikolaou G, Antonopoulou S, Nomikos T, Dedousis G. Mineral Intake. Vol 108. Elsevier B.V.; 2012:236. doi:10.1016/B978-0-12-398397-8.00009-5
- 50.Varso P, Nastos C, Papoutsidakis N, et al. Desferrioxamine attenuates pancreatic injury after major hepatectomy under vascular control of the liver: Experimental study in pigs. *HPB Surg*. 2012;2012. doi:10.1155/2012/714672
- 51.Vasileiou I, Kalimeris K, Nomikos T, et al. Propofol prevents lung injury following intestinal ischemia-reperfusion. *J Surg Res*. 2012;172(1):146-152. doi:10.1016/j.jss.2010.07.034
- 52.Detopoulou P, Fragopoulou E, Nomikos T, et al. Baseline and 6-week follow-up levels of paf and activity of its metabolic enzymes in patients with heart failure and healthy volunteers - A pilot study. *Angiology*. 2013;64(7):522-528. doi:10.1177/0003319712458536
- 53.Detopoulou P, Nomikos T, Fragopoulou E, Chrysohou C, Antonopoulou S. Platelet activating factor in heart failure: Potential role in disease progression and novel target for therapy. *Curr Heart Fail Rep*. 2013;10(2):122-129. doi:10.1007/s11897-013-0131-2
- 54.Kalimeris K, Kouni S, Kostopanagiotou G, et al. Cognitive function and oxidative stress after carotid endarterectomy: Comparison of propofol to sevoflurane anesthesia. *J Cardiothorac Vasc Anesth*. 2013;27(6):1246-1252. doi:10.1053/j.jvca.2012.12.009
- 55.Ntzouvani A, Nomikos T, Petrogianni M, Dede V, Stamatakis G, Manios Y. Effect of fortified milk on lyso-platelet-activating factor acetyltransferase and lipoprotein-associated phospholipase A2 in hypercholesterolemic adults. *Eur J Lipid Sci Technol*. 2013;115(2):142-152. doi:10.1002/ejlt.201200190
- 56.Vlachogianni IC, Nomikos T, Fragopoulou E, et al. Interleukin-1beta stimulates platelet-activating factor production in U-937 cells modulating both its biosynthetic and catabolic enzymes. *Cytokine*. 2013;63(2):97-104. doi:10.1016/j.cyto.2013.04.024
- 57.Batistaki C, Michalopoulos G, Matsota P, et al. CYP2E1 immunoglobulin G4 subclass antibodies after desflurane anesthesia. *World J Hepatol*. 2014;6(5):340-346. doi:10.4254/wjh.v6.i5.340
- 58.Kalimeris K, Zerva A, Matsota P, et al. Pretreatment with sevoflurane attenuates direct lung injury. *Minerva Anestesiol*. 2014;80(6):635-644.
- 59.Letsiou S, Nomikos T, Panagiotakos DB, et al. Gender-specific distribution of selenium to serum selenoproteins: Associations with total selenium levels, age, smoking, body mass index, and physical activity. *BioFactors*. 2014;40(5):524-535. doi:10.1002/biof.1176
- 60.Detopoulou P, Fragopoulou E, Nomikos T, Antonopoulou S. Dietary intervention studies of fish and FO/MO (Fish oils/Marine oils): Focus on secondary prevention of cardiovascular disease and diabetes. In: *Marine Oils (From Sea to Pharmaceuticals)*. Nova Science Publishers, Inc.; 2015:113-129.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956819972&partnerID=40&md5=779a8e8e54dd296192d673ba6527237b>
- 61.Detopoulou P, Fragopoulou E, Nomikos T, Antonopoulou S. Mediterranean Diet and the Postprandial State: A Focus on Lipemia, Glycemia, and Thrombosis. In: *The Mediterr. Diet: An Evid.-Based Approach*. Elsevier Inc.; 2015:379-390. doi:10.1016/B978-0-12-407849-9.00035-X

- 62.Detopoulou P, Fragopoulou E, Nomikos T, et al. The relation of diet with PAF and its metabolic enzymes in healthy volunteers. *Eur J Nutr.* 2015;54(1):25-34. doi:10.1007/s00394-014-0682-3
- 63.Mylonas AI, Orfanos NF, Karmaniolou II, et al. The effects of hemorrhagic shock secondary to hepatectomy in a swine model. *J Surg Res.* 2015;195(1):228-234. doi:10.1016/j.jss.2014.12.046
- 64.Nomikos T, Panagiotakos D, Georgousopoulou E, et al. Hierarchical modelling of blood lipids' profile and 10-year (2002-2012) all cause mortality and incidence of cardiovascular disease: The ATTICA study. *Lipids Health Dis.* 2015;14(1). doi:10.1186/s12944-015-0101-7
- 65.Deftereov G, Nastos C, Papalois A, et al. Peritoneal Albumin Dialysis as a Novel Approach for Liver Support: Study in a Porcine Model of Acute Hepatic Failure. *Artif Organs.* 2016;40(8):755-764. doi:10.1111/aor.12687
- 66.Kalimeris K, Briassoulis P, Ntzouvani Ms A, et al. N-acetylcysteine ameliorates liver injury in a rat model of intestinal ischemia reperfusion. *J Surg Res.* 2016;206(2):263-272. doi:10.1016/j.jss.2016.08.049
- 67.Nastos C, Kalimeris K, Papoutsidakis N, et al. Bioartificial liver attenuates intestinal mucosa injury and gut barrier dysfunction after major hepatectomy: Study in a porcine model. *Surgery.* 2016;159(6):1501-1510. doi:10.1016/j.surg.2015.12.018
- 68.Kostopoulos N, Apostolidis N, Mexis D, Mikellidi A, Nomikos T. Dietary intake and the markers of muscle damage in elite basketball players after a basketball match. *J Phys Educ Sport.* 2017;17(1):394-401. doi:10.7752/jpes.2017.01058
- 69.Mani A, Staikou C, Karmaniolou I, et al. N-Acetylcysteine and Desferoxamine Reduce Pulmonary Oxidative Stress Caused by Hemorrhagic Shock in a Porcine Model. *J Invest Surg.* 2017;30(1):33-40. doi:10.1080/08941939.2016.1215580
- 70.Ntzouvani A, Nomikos T, Panagiotakos D, et al. Amino acid profile and metabolic syndrome in a male Mediterranean population: A cross-sectional study. *Nutr Metab Cardiovasc Dis.* 2017;27(11):1021-1030. doi:10.1016/j.numecd.2017.07.006
- 71.Kotsis Y, Mikellidi A, Aresti C, et al. A low-dose, 6-week bovine colostrum supplementation maintains performance and attenuates inflammatory indices following a Loughborough Intermittent Shuttle Test in soccer players. *Eur J Nutr.* 2018;57(3):1181-1195. doi:10.1007/s00394-017-1401-7
- 72.Nomikos T, Fragopoulou E, Antonopoulou S, Panagiotakos DB. Mediterranean diet and platelet-activating factor; a systematic review. *Clin Biochem.* 2018;60:1-10. doi:10.1016/j.clinbiochem.2018.08.004
- 73.Papakonstantinou E, Kontogianni MD, Mitrou P, et al. Effects of 6 vs 3 eucaloric meal patterns on glycaemic control and satiety in people with impaired glucose tolerance or overt type 2 diabetes: A randomized trial. *Diabetes Metab.* 2018;44(3):226-234. doi:10.1016/j.diabet.2018.03.008
- 74.Mitsou EK, Detopoulou M, Kakali A, et al. Mining possible associations of faecal A. Muciniphila colonisation patterns with host adiposity and cardiometabolic markers in an adult population. *Benefic Microbes.* 2019;10(7):741-749. doi:10.3920/BM2019.0033
- 75.Ntzouvani A, Antonopoulou S, Nomikos T. Effects of nut and seed consumption on markers of glucose metabolism in adults with prediabetes: A systematic review of randomised controlled trials. *Br J Nutr.* 2019;122(4):361-375. doi:10.1017/S0007114519001338
- 76.Ntzouvani A, Giannopoulou E, Fragopoulou E, Nomikos T, Antonopoulou S. Energy Intake and Plasma Adiponectin as Potential Determinants of Lipoprotein-Associated Phospholipase A2 Activity: A Cross-Sectional Study. *Lipids.* 2019;54(10):629-640. doi:10.1002/lipd.12191
- 77.Aslam H, Jacka FN, Marx W, et al. The associations between dairy product consumption and biomarkers of inflammation, adipocytokines, and oxidative stress in children: A cross-sectional study. *Nutrients.* 2020;12(10):1-15. doi:10.3390/nu12103055

- 78.Barkas F, Nomikos T, Liberopoulos E, Panagiotakos D. Diet and cardiovascular disease risk among individuals with familial hypercholesterolemia: Systematic review and meta-analysis. *Nutrients*. 2020;12(8):1-22.
doi:10.3390/nu12082436
- 79.Fragopoulou E, Petsini F, Choleva M, et al. Evaluation of Anti-Inflammatory, Anti-Platelet and Anti-Oxidant Activity of Wine Extracts Prepared from Ten Different Grape Varieties. *Molecules*. 2020;25(21).
doi:10.3390/molecules25215054
- 80.Kotsis Y, Methenitis S, Mikellidi A, et al. Changes of rate of torque development in soccer players after a Loughborough Intermittent Shuttle Test: Effect of bovine colostrum supplementation. *Isokinetics Exerc Sci*. 2020;28(1):59-72. doi:10.3233/IES-193173
- 81.Methenitis S, Mpampoulis T, Spiliopoulou P, et al. Muscle fiber composition, jumping performance, and rate of force development adaptations induced by different power training volumes in females. *Appl Physiol Nutr Metab*. 2020;45(9):996-1006. doi:10.1139/apnm-2019-0786
- 82.Sagris D, Ntaios G, Georgopoulos G, et al. Recommendations for lipid modification in patients with ischemic stroke or transient ischemic attack: A clinical guide by the Hellenic Stroke Organization and the Hellenic Atherosclerosis Society. *Int J Stroke*. Published online 2020. doi:10.1177/1747493020971970
- 83.Fragopoulou E, Detopoulou P, Alepoudea E, Nomikos T, Kalogeropoulos N, Antonopoulou S. Associations between red blood cells fatty acids, desaturases indices and metabolism of platelet activating factor in healthy volunteers. *Prostaglandins Leukotrienes Essent Fatty Acids*. 2021;164. doi:10.1016/j.plefa.2020.102234
- 84.Methenitis S, Stergiou I, Antonopoulou S, Nomikos T. Can exercise-induced muscle damage be a good model for the investigation of the anti-inflammatory properties of diet in humans? *Biomedicines*. 2021;9(1):1-20.
doi:10.3390/biomedicines9010036
- 85.Ntzouvani A, Antonopoulou S, Fragopoulou E, et al. Effect of differently fed farmed gilthead sea bream consumption on platelet aggregation and circulating haemostatic markers among apparently healthy adults: A double-blind randomized crossover trial. *Nutrients*. 2021;13(2):1-15. doi:10.3390/nu13020286

Γεώργιος Παπανικολάου, Επίκουρος Καθηγητής

- 1.Giannuzzi, V., Felisi, M., Bonifazi, D., Devlieger, H., Papanikolaou, G., Ragab, L., Fattoum, S., Tempesta, B., Reggiardo, G., & Ceci, A. (2021). Ethical and procedural issues for applying researcher-driven multi-national paediatric clinical trials in and outside the European Union: the challenging experience of the DEEP project. *BMC medical ethics*, 22(1), 49. <https://doi.org/10.1186/s12910-021-00618-2>
- 2.Papanikolaou, G., & Pantopoulos, K. (2017). Systemic iron homeostasis and erythropoiesis. *IUBMB life*, 69(6), 399–413. <https://doi.org/10.1002/iub.1629>
- 3.Heilmann-Heimbach, S., Herold, C., Hochfeld, L. M., Hillmer, A. M., Nyholt, D. R., Hecker, J., Javed, A., Chew, E. G., Pechlivanis, S., Drichel, D., Heng, X. T., Del Rosario, R. C., Fier, H. L., Paus, R., Rueedi, R., Galesloot, T. E., Moebus, S., Anhalt, T., Prabhakar, S., Li, R., ... Nöthen, M. M. (2017). Meta-analysis identifies novel risk loci and yields systematic insights into the biology of male-pattern baldness. *Nature communications*, 8, 14694. <https://doi.org/10.1038/ncomms14694>
- 4.Stathopoulou, M. G., Kanoni, S., Papanikolaou, G., Antonopoulou, S., Nomikos, T., & Dedousis, G. (2012). Mineral intake. *Progress in molecular biology and translational science*, 108, 201–236. <https://doi.org/10.1016/B978-0-12-398397-8.00009-5>
- 5.Stathopoulou, M. G., Kanoni, S., Papanikolaou, G., Antonopoulou, S., Nomikos, T., & Dedousis, G. (2012). Mineral intake. *Progress in molecular biology and translational science*, 108, 201–236. <https://doi.org/10.1016/B978-0-12-398397-8.00009-5>
- 6.Papanikolaou, G., & Pantopoulos, K. (2005). Iron metabolism and toxicity. *Toxicology and applied pharmacology*, 202(2), 199–211. <https://doi.org/10.1016/j.taap.2004.06.021>
- 7.Gkovvatsos, K., Papanikolaou, G., & Pantopoulos, K. (2012). Regulation of iron transport and the role of transferrin. *Biochimica et biophysica acta*, 1820(3), 188–202. <https://doi.org/10.1016/j.bbagen.2011.10.013>
- 8.De Gobbi, M., Roetto, A., Piperno, A., Mariani, R., Alberti, F., Papanikolaou, G., Politou, M., Lockitch, G., Girelli, D., Fargion, S., Cox, T. M., Gasparini, P., Cazzola, M., & Camaschella, C. (2002). Natural history of juvenile haemochromatosis. *British journal of haematology*, 117(4), 973–979. <https://doi.org/10.1046/j.1365-2141.2002.03509.x>
- 9.Vaiopoulos, G., Papanikolaou, G., Politou, M., Jibreel, I., Sakellaropoulos, N., & Loukopoulos, D. (2003). Arthropathy in juvenile hemochromatosis. *Arthritis and rheumatism*, 48(1), 227–230. <https://doi.org/10.1002/art.10755>
- 10.Papanikolaou, G., Tzilianos, M., Christakis, J. I., Bogdano, D., Tsimirika, K., MacFarlane, J., Goldberg, Y. P., Sakellaropoulos, N., Ganz, T., & Nemeth, E. (2005). Hepcidin in iron overload disorders. *Blood*, 105(10), 4103–4105. <https://doi.org/10.1182/blood-2004-12-4844>
- 11.Angelopoulos, N. G., Goula, A. K., Papanikolaou, G., & Tolis, G. (2006). Osteoporosis in HFE2 juvenile hemochromatosis. A case report and review of the literature. *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA*, 17(1), 150–155. <https://doi.org/10.1007/s00198-005-1920-6>
- 12.Papanikolaou, G., Chandrinou, H., Bouzas, E., Contopoulos-Ioannidis, D., Kalotychou, V., Prentzas, K., Lilakos, K., Asproudis, I., Palaiologou, D., Premetis, E., Papassotiriou, I., & Sakellaropoulos, N. (2006). Hereditary hyperferritinemia cataract syndrome in three unrelated families of western Greek origin caused by the C39 > G mutation of L-ferritin IRE. *Blood cells, molecules & diseases*, 36(1), 33–40. <https://doi.org/10.1016/j.bcmd.2005.10.003>
- 13.Palaiologou, D., Panayiotidis, P., Papanikolaou, G., Georgiou, G., Boutsikas, G., Hatzinicolaou, S. L., Pangalis, G. A., Sakellaropoulos, N., Vassilakopoulos, T. P., & Angelopoulos, M. K. (2015). Expression of three different

ATP-binding cassette transporters and correlation to chemoresistance in acute myeloid leukemia. International journal of laboratory hematology, 37(1), e7–e10. <https://doi.org/10.1111/ijlh.12249>

- 14.Koliaraki, V., Marinou, M., Vassilakopoulos, T. P., Vavourakis, E., Tsochatzis, E., Pangalis, G. A., Papatheodoridis, G., Stamoulakatou, A., Swinkels, D. W., Papanikolaou, G., & Mamalaki, A. (2009). A novel immunological assay for hepcidin quantification in human serum. PloS one, 4(2), e4581. <https://doi.org/10.1371/journal.pone.0004581>
- 15.Roetto, A., Papanikolaou, G., Politou, M., Alberti, F., Girelli, D., Christakis, J., Loukopoulos, D., & Camaschella, C. (2003). Mutant antimicrobial peptide hepcidin is associated with severe juvenile hemochromatosis. Nature genetics, 33(1), 21–22. <https://doi.org/10.1038/ng1053>
- 16.Gkouvatsos, K., Wagner, J., Papanikolaou, G., Sebastiani, G., & Pantopoulos, K. (2011). Conditional disruption of mouse HFE2 gene: maintenance of systemic iron homeostasis requires hepatic but not skeletal muscle hemojuvelin. Hepatology (Baltimore, Md.), 54(5), 1800–1807. <https://doi.org/10.1002/hep.24547>
- 17.Andreopoulos, T., Papanikolaou, G., Politou, M., Konstantopoulos, K., Stefanou, J., & Loukopoulos, D. (2000). Micrococcus luteus: a putative cause of hepatic abscess?. Panminerva medica, 42(3), 231–232.
- 18.Kattamis, A., Papassotiriou, I., Palaiologou, D., Apostolakou, F., Galani, A., Ladis, V., Sakellaropoulos, N., & Papanikolaou, G. (2006). The effects of erythropoietic activity and iron burden on hepcidin expression in patients with thalassemia major. Haematologica, 91(6), 809–812.
- 19.Papanikolaou, G., Samuels, M. E., Ludwig, E. H., MacDonald, M. L., Franchini, P. L., Dubé, M. P., Andres, L., MacFarlane, J., Sakellaropoulos, N., Politou, M., Nemeth, E., Thompson, J., Risler, J. K., Zaborowska, C., Babakaiff, R., Radomski, C. C., Pape, T. D., Davidas, O., Christakis, J., Brissot, P., ... Goldberg, Y. P. (2004). Mutations in HFE2 cause iron overload in chromosome 1q-linked juvenile hemochromatosis. Nature genetics, 36(1), 77–82. <https://doi.org/10.1038/ng1274>
- 20.Papanikolaou, G., Papaioannou, M., Politou, M., Vavatsi, N., Kioumi, A., Tsiatsiou, P., Marinaki, P., Loukopoulos, D., & Christakis, J. I. (2002). Genetic heterogeneity underlies juvenile hemochromatosis phenotype: analysis of three families of northern Greek origin. Blood cells, molecules & diseases, 29(2), 168–173. <https://doi.org/10.1006/bcmd.2002.0553>
- 21.Konstantopoulos, K., Kanta, A., Lilakos, K., Papanikolaou, G., & Meletis, I. (2005). Familial Mediterranean fever and E148Q pyrin gene mutation in Greece. International journal of hematology, 81(1), 26–28. <https://doi.org/10.1532/ijh97.e0422>
- 22.Pissia, M., Polonifi, K., Politou, M., Lilakos, K., Sakellaropoulos, N., & Papanikolaou, G. (2004). Prevalence of the G320V mutation of the HJV gene, associated with juvenile hemochromatosis, in Greece. Haematologica, 89(6), 742–743.
- 23.Angelopoulos, N., Papanikolaou, G., Noutsou, M., Rombopoulos, G., Goula, A., & Tolis, G. (2007). Glucose metabolism, insulin secretion and insulin sensitivity in juvenile hemochromatosis. A case report and review of the literature. Experimental and clinical endocrinology & diabetes : official journal, German Society of Endocrinology [and] German Diabetes Association, 115(3), 192–197. <https://doi.org/10.1055/s-2007-970426>
- 24.Papanikolaou, G., Politou, M., Terpos, E., Fourlemadis, S., Sakellaropoulos, N., & Loukopoulos, D. (2000). Hereditary hemochromatosis: HFE mutation analysis in Greeks reveals genetic heterogeneity. Blood cells, molecules & diseases, 26(2), 163–168. <https://doi.org/10.1006/bcmd.2000.0292>
- 25.Papanikolaou, G., Politou, M., Roetto, A., Bosio, S., Sakellaropoulos, N., Camaschella, C., & Loukopoulos, D. (2001). Linkage to chromosome 1q in Greek families with juvenile hemochromatosis. Blood cells, molecules & diseases, 27(4), 744–749. <https://doi.org/10.1006/bcmd.2001.0444>
- 26.Politou, M., Kalotychou, V., Pissia, M., Rombos, Y., Sakellaropoulos, N., & Papanikolaou, G. (2004). The impact of the mutations of the HFE gene and of the SLC11A3 gene on iron overload in Greek thalassemia intermedia and beta(s)/beta(thal) anemia patients. Haematologica, 89(4), 490–492.

27.Camaschella, C., Roetto, A., & Papanikolaou, G. (2002). Commentary: Juvenile hemochromatosis in a Spanish family (by Montes-Cano et al.). *Blood cells, molecules & diseases*, 29(1), 83–85.
<https://doi.org/10.1006/bcmd.2002.0543>

Μαρία Σκουρολιάκου, Αναπληρώτρια Καθηγήτρια

- 1.Kafetzis DA, Sianidou L, Viachos E, Davros J, Bairamis T, Papandreou Y, Paraskaki E, Skouroliakou M, Hadzis A, Papadatos J. Clinical and pharmacokinetic study of a single daily dose of amikacin in paediatric patients with severe gram-negative infections. *J Antimicrob Chemother*. 1991;27(Suppl C):105-112. DOI: 10.1093/jac/27.suppl_c.105
<https://pubmed.ncbi.nlm.nih.gov/1906861/>
- 2.Bouras P, Skouroliakou M, Tsonas S. Licorice: a traditional herb and its modern effects on humans. *Eur J Hosp Pharm* 2001;7(4):135-140.
- 3.Gounaris A, Kokori P, Varchalama L, Konstandinidi K, Skouroliakou M, Alexiou N, Costalos C. Theophylline and gastric emptying in very low birthweight neonates: a randomised controlled trial. *Arch Dis Child Fetal Neonatal Ed*. 2004;89(4):F297-299. doi: 10.1136/adc.2003.027565 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1721716/>
- 4.Stuart M, Skouroliakou M. Pharmacy at the 2004 Olympic Games. *The Pharmaceutical Journal*. 2004;273(7315):319. DOI:10.1007/s11096-005-2223-x
https://www.researchgate.net/publication/7427951_Drug_Consumption_During_the_2004_Olympics_The_Special_Olympic_Pharmacy
- 5.Skouroliakou M, Mathaiou C, Chiou A, Mitsinikos E. Stability of vitamin C in AIO admixtures for neonates. *Hospital Pharmacy Europe* 2005;23.
<https://hospitalpharmacyeurope.com/news/editors-pick/stability-of-vitamin-c-in-aio-admixtures-for-neonates/>
- 6.Skouroliakou M, Konstantinou D, Papasarantopoulos P, Matthaiou C. Computer assisted total parenteral nutrition for pre-term and sick term neonates. *Pharm World Sci*. 2005;27(4):305-310. DOI: 10.1007/s11096-005-2462-x
<https://pubmed.ncbi.nlm.nih.gov/16228629/>
- 7.Skouroliakou M, Kani C, Kompogiorgas S, Kontozamanis V. Drug consumption during the 2004 Olympics: the special Olympic Pharmacy. *Pharm World Sci*. 2005;27(6):478-479. DOI: 10.1007/s11096-005-2223-x
<https://pubmed.ncbi.nlm.nih.gov/16341959/>
- 8.Theofilogiannakou M, Skouroliakou M, Gounaris A, Panagiotakos D, Markantonis SL. Breast-feeding in Athens, Greece: factors associated with its initiation and duration. *J Pediatr Gastroenterol Nutr*. 2006;43(3):379-384. DOI: 10.1097/01.mpg.0000228104.97078.bb <https://pubmed.ncbi.nlm.nih.gov/16954963/>
- 9.Paschidi M, Skouroliakou M, Archontovassilis F, Papasarantopoulos P, Markantonis SL. Development of a software tool for computation of parenteral nutrition in adults, and its potential role in improving nutritional care. *Pharm World Sci*. 2006;28(5):265-273. DOI: 10.1007/s11096-006-9053-3
<https://pubmed.ncbi.nlm.nih.gov/17111240/>
- 10.Stratiki Z, Costalos C, Sevastiadou S, Kastanidou O, Skouroliakou M, Giakoumatou A, Petrohilou V. The effect of a bifidobacter supplemented bovine milk on intestinal permeability of preterm infants. *Early Hum Dev*. 2007;83(9):575-579. DOI: 10.1016/j.earlhumdev.2006.12.002 <https://pubmed.ncbi.nlm.nih.gov/17229535/>
- 11.Skouroliakou M, Matthaiou C, Chiou A, Panagiotakos D, Gounaris A, Nunn T, Andrikopoulos N. Physicochemical stability of parenteral nutrition supplied as all-in-one for neonates. *JPEN J Parenter Enteral Nutr*. 2008;32(2):201-209. DOI: 10.1177/0148607108314768 <https://pubmed.ncbi.nlm.nih.gov/18407915/>
- 12.Giakoumaki O, Vasilaki K, Lili L, Skouroliakou M, Liosis G. The role of maternal anxiety in the early postpartum period: screening for anxiety and depressive symptomatology in Greece. *J Psychosom Obstet Gynaecol* 2009;30(1):21-28. DOI: 10.1080/01674820802604839 <https://pubmed.ncbi.nlm.nih.gov/19308779/>
- 13.Skouroliakou M, Soloupis G, Gounaris A, Charitou A, Papasarantopoulos P, Markantonis SL, Golna C, Souliotis K. Data analysis of the benefits of an electronic registry of information in a neonatal intensive care unit in Greece. *Perspect Health Inf Manag*. 2008;5:10.

<https://perspectives.ahima.org/data-analysis-of-the-benefits-of-an-electronic-registry-of-information-in-a-neonatal-intensive-care-unit-in-greece/>

14. Skouroliakou M, Stathopoulou M, Koulouri A, Giannopoulou I, Stamatades D, Stathakis C. Determinants of resting energy expenditure in hemodialysis patients and comparison with healthy subjects. *J Ren Nutr* 2009;14:283-290 DOI: 10.1053/j.jrn.2009.01.025 <https://pubmed.ncbi.nlm.nih.gov/19539183/>

15. Skouroliakou M, Giannopoulou I, Kostara C, Vasilopoulou M. Comparison of predictive equations for resting metabolic rate in obese psychiatric patients taking olanzapine. *Nutrition*. 2009;25(2):188-193. DOI: 10.1016/j.nut.2008.08.006 <https://pubmed.ncbi.nlm.nih.gov/18947974/>

16. Skouroliakou M, Koutri K, Stathopoulou M, Vourvouhaki E, Giannopoulou I, Gounaris A. Comparison of two types of TPN prescription methods in preterm neonates. *Pharm World Sci.* 2009;31:202-208. DOI: 10.1007/s11096-009-9281-4 <https://pubmed.ncbi.nlm.nih.gov/19169838/>

17. Bacopoulou F, Skouroliakou M, Markantonis SL. Netilmicin in the neonate: pharmacokinetic analysis and influence of parenteral nutrition. *Pharm World Sci.* 2009;31:365-368. DOI: 10.1007/s11096-009-9278-z <https://pubmed.ncbi.nlm.nih.gov/19169898/>

18. Skouroliakou M, Giannopoulou I, Kostara C, Hannon JC. Effects of nutritional intervention on body weight and body composition of obese psychiatric patients taking Olanzapine. *Nutrition* 2009;25:729-735. DOI: 10.1016/j.nut.2008.12.009 <https://pubmed.ncbi.nlm.nih.gov/19286349/>

19. Theodorou D, Aggeli P, Markogiannakis H, Skouroliakou M, Archontovasilis F, Kastanidou O, Burnetas A, Xiromeritou V, Katsaragakis S. Protection of intestinal permeability in the perioperative period. *J Clin Gastroenterol* 2009;43:500. Letter to the editor DOI: 10.1097/MCG.0b013e318182c2fa <https://pubmed.ncbi.nlm.nih.gov/19564815/>

20. Skouroliakou M, Bacopoulou F, Markantonis SL. Caffeine versus theophylline for apnea of prematurity: a randomized controlled trial. *J Paediatr Child Health*. 2009; 45(10):587-592. DOI: 10.1111/j.1440-1754.2009.01570.x <https://pubmed.ncbi.nlm.nih.gov/19751376/>

21. Skouroliakou M, Kastanidou O, Stathopoulou M, Vourli G. Evaluation of the antioxidant effect of a new functional food enriched with Sideritis euboea in healthy subjects. *J Med Foods* 2009;12(5):1105-1110. DOI: 10.1089/jmf.2008.0172 <https://pubmed.ncbi.nlm.nih.gov/19857076/>

22. Skouroliakou M, Kakavelaki C, Diamantopoulos K, Stathopoulou M, Vourvouhaki E, Souliotis K. The development and implementation of a software tool and its effect on the quality of provided clinical nutritional therapy in hospitalized patients. *J Am Med Inform Assoc* 2009;16(6):802-805. doi: 10.1197 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3002126/>

23. Skouroliakou M, Konstantinou D, Koutri K, Kakavelaki C, Stathopoulou M, Antoniadi M, Xemelidis N, Kona V, Markantonis S. A double-blind, randomized clinical trial of the effect of ω-3 fatty acids on oxidative stress of preterm neonates fed through parenteral nutrition. *Eur J Clin Nutr* 2010;64(9):940-947 doi: 10.1038/ejcn.2010.98 <https://pubmed.ncbi.nlm.nih.gov/20551967/>

24. Skouroliakou M, Giannopoulou I, Kostara C, Koutri K, Stathopoulou MG, Kakavelaki C. Effects of a nutritional intervention in obese postmenopausal women on atypical antipsychotics. *Maturitas*. 2010;67(2):166-170 doi: 10.1016/j.maturitas.2010.06.008 <https://pubmed.ncbi.nlm.nih.gov/20605075/>

25. Sofia Sevastiadou, Ariadne Malamitsi-Puchner, Christos Costalos, Maria Skouroliakou, Despina D.Briana, Aris Antsaklis & Eleftheria Roma-Giannikou. The impact of oral glutamine supplementation on the intestinal permeability and incidence of necrotizing enterocolitis/ septicaemia in premature neonates. *The journal of Maternal – Fetal and Neonatal Medicine* 2011: 1-7 doi: 10.3109/14767058.2011.564240 <https://pubmed.ncbi.nlm.nih.gov/21463215/>

26. Maria Skouroliakou, Ifigenia Giannopoulou, Stathopoulou G. Maria, Christina Kostara, Katerina Koutri, Christina Kakavelaki. Vitamin D insufficiency in obese patients with severe mental illness taking Olanzapine. *Mediterranean Journal of Nutrition and Metabolism*. 2012; 5 (3) , pp. 219-225. <https://link.springer.com/article/10.1007/s12349-012-0102-2>

- 27.Maria Skouroliakou, Aggeliki M Kountouri, Sophia Hatziantoniou, Katerina Koutri, Antonia Chiou. Physicochemical stability assessment of all-in-one parenteral emulsion for neonates containing SMOFlipid. European Journal of Hospital Pharmacy. 2012;0: 1-5. <https://ejhp.bmjjournals.org/content/19/6/514.full>
- 28.Skouroliakou Maria, Konstantinou Dimitris, Agakidis Charalampos, Delikou Natalia, Koutri Katerina, Antoniadi Marina, Karagiozoglou Thomai. Cholestasis, bronchopulmonary dysplasia and lipid profile in preterm infants receiving either SMOF or soy based lipid emulsions. Nutrition in Clinical Practice 2012; 27 (6) , pp. 817-824 doi: 10.1177/0884533612454547 <https://pubmed.ncbi.nlm.nih.gov/22878361/>
- 29.Tenta R, Bourqiezi I, Aliferis E, Papadopoulou M, Gounaris A, Skouroliakou M. Bone metabolism compensates for the delayed growth in small for gestational age neonates. Organogenesis 2013;9 (1) , pp. 191-195
- 30.Athanasiou Christos, Hatziantoniou Sophia, Skouroliakou Maria, Markantonis- Kyroudis Sophia. Assessment of the physicochemical stability of All-In-One parenteral emulsions for neonates according to USP Specifications. Parenteral and Enteral Nutrition 2013; 1-6 DOI: 10.1177/0148607113499589 <https://pubmed.ncbi.nlm.nih.gov/23976766/>
- 31.Maria Skouroliakou, Ekaterini Vourvouhaki, Ioannis Tsamis, Marianna Sykara, Sofia Kyroudi-Markantoni, Dimitrios Pappas. The Development of a Software System for Patients with Breast Cancer Receiving Chemotherapy Treatment: A Pilot Study", Advances in Cancer Research & Treatment 2013; pp. 802-805 DOI: 10.5171/2013.260996 https://www.researchgate.net/publication/243962685_The_Development_of_a_Software_System_for_Patients_with_Breast_Cancer_Receiving_Chemotherapy_Treatment_A_Pilot_Study
- 32.Giannopoulou I, Botonis P, Kostara C, Skouroliakou M. Diet and exercise effects on aerobic fitness and body composition in seriously mentally ill adult. European Journal of Sport Science.2013. DOI: 10.1080/17461391.2013.862871 <https://pubmed.ncbi.nlm.nih.gov/24289316/>
- 33.Maria Skouroliakou, Maria-Nikoleta Thanopoulos, Giorgos Maravelias, Panos Papandreou, Dimitrios Ntountaniotis, Efi Daskalou and Thomai Karagiozoglou-Lampoudi. Nutrition-Drug Interactions: A web based approach of pharmaceutical care. Journal of the American Pharmacists Association. (JAPhA) | 54:4 | JUL/AUG 2014 DOI: 10.1331/JAPhA.2014.13194 <https://pubmed.ncbi.nlm.nih.gov/24952640/>
- 34.Maria Skouroliakou, Dimitrios Ntountaniotis, Olympia Kastanidou and Paraskevi Massara. Evaluation of Barley's Beta-glucan Food Fortification through Investigation of Intestinal Permeability in Healthy Adults. Journal of the American College of Nutrition. 2015,4. DOI: 10.1080/07315724.2014.967893 <https://pubmed.ncbi.nlm.nih.gov/25915826/>
- 35.Kalliopi Dritsakou, Georgios Liosis, Georgia Valsami, Evangelos Polychronopoulos, and Maria Skouroliakou. Improved outcomes of feeding low birth weight infants with predominantly raw human milk versus donor banked milk and formula. J Matern Fetal NeonatalMed.2015;29(7):1131-8. doi: 10.3109/14767058.2015.1038232 <https://pubmed.ncbi.nlm.nih.gov/25909500/>
- 36.Silvia Arboleya, Clara G. de los Reyes-Gavilán, Dimitris Konstantinou, Maria Skouroliakou, and Miguel Gueimonde. Effect of an α -Tocopherol-Containing Antioxidant Parenteral Emulsion upon Gut Microbiota in Preterm Infants. International Journal of Child Health and Nutrition, 2015, 4, <http://digital.csic.es/bitstream/10261/142776/1/TocopherolArboleya.pdf>
- 37.Kalliopi Dritsakou¹, Georgios Liosis², Georgia Valsami³, Evangelos Polychronopoulos⁴, Maria Skouroliakou⁵Human milk banking: a bridge between the preterm mother and infant; the experience from a greek public perinatal center, Journal of Advanced Nutrition and Human Metabolism 2015; 2
- 38.Skouroliakou M, Konstantinou D, Agakidis C, Kaliora A, Kalogeropoulos N, Massara P, Antoniadi M, Panagiotakos D, Karagiozoglou-Lampoudi T. Parenteral MCT/ ω -3 Polyunsaturated Fatty Acid-Enriched Intravenous Fat Emulsion Is Associated With Cytokine and Fatty Acid Profiles Consistent With Attenuated Inflammatory Response in Preterm Neonates: A Randomized, Double-Blind Clinical Trial. Nutrition in Clinical Practice, 2015, 9. doi: 10.1177/0884533615602011 <https://pubmed.ncbi.nlm.nih.gov/26378118/>
- 39.Maria Skouroliakou, Dimitrios Ntountaniotis, Paraskevi Massara, Katerina Koutri. Investigation of multiple factors which may contribute to vitamin D levels of bedridden pregnant women and their preterm neonates. The

Journal of Maternal-Fetal and Neonatal Medicine, 2015. DOI: 10.3109/14767058.2015.1094788
<https://pubmed.ncbi.nlm.nih.gov/26456736/>

40.Dritsakou K, Massara P, Skourlis N, Liosis G, Skouroliakou M. Maternal diet and breastfeeding duration of infants after NICU hospitalization in Greece: a cohort study. J Matern Fetal Neonatal Med. 2016 Nov 8:1-6. [Epub ahead of print] DOI: 10.1080/14767058.2016.1250258

https://www.researchgate.net/publication/309344026_Maternal_diet_and_breastfeeding_duration_of_infants_after_NICU_hospitalization_in_Greece_A_cohort_study

41.Dritsakou K, Liosis G, Valsami G, Polychronopoulos E, Souliotis K, Skouroliakou M. Mother's breast milk supplemented with donor milk reduces hospital and health service usage costs in low-birthweight infants. Midwifery. 2016 Sep;40:109-13. doi: 10.1016/j.midw.2016.06.015. doi: 10.1016/j.midw.2016.06.015
<https://pubmed.ncbi.nlm.nih.gov/27428106/>

42.Dritsakou K, Liosis G, Valsami G, Polychronopoulos E, Skouroliakou M. The impact of maternal- and neonatal-associated factors on human milk's macronutrients and energy. J Matern Fetal Neonatal Med. 2016 Aug 2:1-7. [Epub ahead of print] doi: 10.1080/14767058.2016.1212329 <https://pubmed.ncbi.nlm.nih.gov/27405688/>

43.M. Skouroliakou · D. Grosomanidis · P. Massara · C. Kostara ·P. Papandreou · D. Ntountaniotis · G. Xepapadakis Serum antioxidant capacity, biochemical profile and body composition of breast cancer survivors in a randomized Mediterranean dietary intervention study European Journal of Nutrition 13-0620017 1489-9 doi: 10.1007/s00394-017-1489-9 <https://pubmed.ncbi.nlm.nih.gov/28634625/>

44.Papandreou Panos, Agakidis Charalampos, Skouroliakou Maria, Karagiozoglou-Lampoudy Thomai, Kaliora Andriana, Kalogeropoulos Nick, Sianahidou Tania. Early postnatal changes of bone turnover biomarkers in VLBW neonates. The effect of two parenteral lipid emulsions with different polyunsaturated fatty acid content. A randomized double-blind study. Journal of Parenteral and Enteral Nutrition, doi:10.1002/jpen.1533
<https://aspenjournals.onlinelibrary.wiley.com/doi/10.1002/jpen.1533>

45.Papandreou Panos, Ntountaniotis Dimitrios, Skouroliakou Maria, Massara Paraskevi, Sianahidou Tania. Does a parenteral nutrition decision support system for total nutrients improve prescription procedure and neonatal growth? J Matern Fetal Neonatal Med, 2019 doi: 10.1080/14767058.2019.1615432
<https://pubmed.ncbi.nlm.nih.gov/31122088/>

46.Zoi Panagi, Panagiotis Bountouris, George Skroubis, Evangelia Papadimitriou, Maria Skouroliakou and Fotis Kalfarentzos. A Pilot Study on the Preoperative and Short-Term Postoperative Serum Fat-Soluble Vitamin Levels in Super-Obese Patients Undergoing a Biliopancreatic Diversion with Roux-En-Y Gastric Bypass (BPD/RYGBP) Malabsorptive Operation. EC PHARMACOLOGY AND TOXICOLOGY, June 20, 2019
<https://www.ecronicon.com/ecpt/pdf/ECPT-07-00323.pdf>

47.Panos Papandreou, Aristea Gioxari, Dimitrios Ntountaniotis, Olga-Natalia Korda, Maria Skouroliakou, and Tania Sianahidou. Administration of an Intravenous Fat Emulsion Enriched with Medium-Chain Triglyceride/Ω-3 Fatty Acids is Beneficial Towards Anti-Inflammatory Related Fatty Acid Profile in Preterm Neonates: A Randomized, Double-Blind Clinical Trial. Nutrients ,16 November 2020 doi: 10.3390/nu12113526
<https://pubmed.ncbi.nlm.nih.gov/33207743/>

48.Aristea Gioxari, Dimitrios Tzanos, Christina Kostara, Panos Papandreou, Giannis Mountzios, Maria Skouroliakou. Mediterranean Diet Implementation to Protect against Advanced Lung Cancer Index (ALI) Rise: Study Design and Preliminary Results of a Randomised Controlled Trial. Int. J. Environ. Res. Public Health 2021, doi: 10.3390/ijerph18073700 <https://pubmed.ncbi.nlm.nih.gov/33916252/>

49.Application of Clinical Decision Support System to Assist Breast Cancer Patients with Lifestyle Modifications during the COVID-19 Pandemic: A Randomised Controlled Trial
Panos Papandreou, Aristea Gioxari Frantzeska Nimee and Maria Skouroliakou Nutrients 2021; 13(6):2115. doi: 10.3390/nu13062115.

50. Bridging the Gap: Community Pharmacists' Burgeoning Role as Point-Of-Care Providers During the COVID-19 Pandemic Through the Integration of Emerging Technologies
Frantzeska Nimee, Aristea Gioxari, James Steier, and Maria Skouroliakou. Journal of Nutritional Health & Food Science 2021; 9(3):1-9. DOI: 10.15226/jnhfs.2021.001184

Ρωξάνη Τέντα, Αναπληρώτρια Καθηγήτρια

- 1.Molecular evidence-based use of bone resorption-targeted therapy in prostate cancer patients at high risk for bone involvement. Karamanolakis D, Bogdanos J, Sourla A, Milathianakis C, Tsintavis A, Lembessis P, Tenta R, Tiblalexi D, Koutsilieris M. *Mol Med*. 2002; 8 (11):667-675.
- 2.Endocrine/Paracrine/Autocrine survival factor activity of bone microenvironment participates in the development of androgen ablation and chemotherapy refractoriness of prostate cancer metastasis in skeleton. Bogdanos J, Karamanolakis D, Tenta R, Tsintavis A, Milathianakis C, Mitsiades C, Koutsilieris M. *Endocr-Relat Cancer* 2003; 10(2):279-289.
- 3.Parathyroid hormone-related peptide and cardiovascular system. Halapas A, Tenta R, Pantos C, Cokkinos DV, Koutsilieris M. *In Vivo* 2003; 17 (5):425-432.
- 4.Bone microenvironment-related growth factors modulate differentially the anticancer actions of zoledronic acid and doxorubicin on PC-3 prostate cancer cells. Tenta R, Tiblalexi D, Sotiriou E, Lembessis P, Manoussakis M, Koutsilieris M. *Prostate* 2004; 59:120-131.
- 5.Prostate cancer cell survival pathways activated by bone metastasis microenvironment. Tenta R, Sotiriou E, Pitulis N, Thyphronitis G, Koutsilieris M. *J Musculoskelet Neuronal Interact. (JMNI)* 2005; 5:135-144.
- 6.p27 kip1 and Ki-67 (MIB1) immunohistochemical expression in radical prostatectomy specimens of patients with clinically localized prostate cancer. Revelos K, Petraki C, Gregorakis A, Scorilas A, Papanastasiou P, Tenta R, Koutsilieris M. *In Vivo* 2005; 19:911-920.
- 7.Bone microenvironment-related growth factors, zoledronic acid and dexamethasone modulate differentially the PTHrP expression in PC-3 prostate cancer cells. Tenta R, Sourla A, Lembessis P, Luu-The V, Koutsilieris M. *Horm Metab Res*. 2005; 37:593-601.
- 8.Design, synthesis and antiproliferative activity of some novel aminosubstituted xanthenones, able to overcome multidrug resistance toward MES-SA/Dx5 cells. Kostakis IK, Tenta R, Pouli N, Marakos P, Skaltsounis AL, Pratsinis H, Kletsas D. *Bioorg Med Chem Lett*. 2005; 15:5057-5060.
- 9.Bone microenvironment-related growth factors and zoledronic acid regulate PTHrP / PTH.1 Receptor bioregulation system in MG-63 human osteosarcoma cells. Tenta R, Sourla A, Lembessis P, Koutsilieris M. *Anticancer Res*. 2006; 26:283-292.
- 10.Combination therapy using LHRH and somatostatin analogues plus dexamethasone in androgen ablation refractory prostate cancer patients with bone involvement: a bench to bedside approach. Koutsilieris M, Bogdanos J, Milathianakis C, Dimopoulos P, Dimopoulos T, Karamanolakis D, Halapas A, Tenta R, Katopodis H, Papageorgiou E, Pitulis N, Pissimisis N, Lembessis P, Sourla A. *Expert Opin Investig Drugs* 2006; 15(7):795-804.
- 11.Analgesic activity of high-dose intravenous calcitonin in cancer patients with bone metastases. Tsavaris N, Kopterides P, Kosmas C, Vadiaka M, Dimitrakopoulos A, Scopelitis H, Tenta R, Vaiopoulos G, Koufos C. *Oncol Rep*. 2006; 16(4):871-875.
- 12.Microarray analysis of survival pathways in human PC-3 prostate cancer cells. Tenta R, Katopodis H, Chatzioannou A, Pilalis E, Calvo E, Luu-The V, Labrie F, Kolisis F, Koutsilieris M. *Cancer Genomics Proteomics (CGP)* 2007; 4(4):309-318.
- 13.Mechanisms of the Action of Zoledronic Acid on Human MG-63 Osteosarcoma Cells. Tenta R, Pitulis N, Tiblalexi D, Consoulas C, Katopodis H, Konstantinidou E, Manoussakis M, Kletsas D, Alexis MN, Poyatzi A, Koutsilieris M. *Horm Metab Res*. 2008; 40(11):737-745.
- 14.IL-6 and PPAR [gamma] Signalling in Human PC-3 Prostate Cancer Cells. Pitulis N, Papageorgiou E, Tenta R, Lembessis P, Koutsilieris M. *Anticancer Res*. 2009; 29(6):2331-2337.
- 15.The Application of Mitsunobu Cyclization for the Synthesis of 2',3'-Dideoxy-C-Nucleosides Designed as Didanosine Analogues. Tite T, Lougiakis N, Skaltsounis AL, Marakos P, Pouli N, Tenta R, Balzarini J. *Synlett* 2009 (11): 1741-1744.

- 16.MG-63 osteoblast-like cells enhance the osteoprotegerin expression of PC-3 prostate cancer cells. Katopodis H, Philippou A, Tenta R, Doillon C, Papachroni KK, Papavassiliou AG, Koutsilieris M. *Anticancer Res.* 2009; 29(10):4013-4018.
- 17.Comparison of two schemes of small bowel preparation for capsule endoscopy with polyethylene glycol: a prospective, randomized single-blind study. Kantianis A, Karagiannis S, Liatsos C, Galanis P, Psilopoulos D, Tenta R, Kalantzis N, Mavrogiannis C. *Eur J Gastroenterol Hepatol.* 2009; 21(10):1140-1144.
- 18.Activation of AMP-activated protein kinase by adiponectin rescues salivary gland epithelial cells from spontaneous and interferon-gamma-induced apoptosis. Katsiougianis S, Tenta R, Skopouli FN. *Arthritis Rheum.* 2010; 62(2):414-419.
- 19.Osteoprotegerin and nuclear factor-kappaB ligand are associated with leptin and adiponectin levels, in apparently healthy women. Tenta R, Panagiotakos DB, Fragopoulou E, Nomikos N, Pitsavos C, Chrysohoou C, Antonopoulou S, Stefanadis C. *J Musculoskeletal Neuronal Interact.* (JMNI) 2010; 10 (2):174-179.
- 20.Design and Synthesis of new C-nucleosides as potential Adenosine Deaminase inhibitors. Tite T, Lougiakis N, Myrianthopoulos V, Marakos P, Mikros E, Pouli N, Tenta R, Fragopoulou E and Nomikos T. *Tetrahedron* 2010; 66:9620-9628.
- 21.Calcium and vitamin D supplementation through fortified dairy products counterbalance seasonal variations of bone metabolism indices. The Postmenopausal Health Study. Tenta R, Moschonis G, Koutsilieris M, Manios Y. *Eur J Nutrition* 2011; 50(5):341-349.
- 22.Association between circulating levels of adiponectin and indices of bone mass and bone metabolism in middle-aged postmenopausal women. Tenta R, Kontogianni MD, Yiannakouris N. *J Endocrinol Invest.* 2012; 35(3):306-311.
- 23.Changes in parameters of bone metabolism following a 12-month intervention period using milk enriched with vitamin K1 or K2. Kanellakis S, Moschonis G, Tenta R, Schaafsma A, Van den Heuvel E, Papaioannou N, Manios Y. *Calcified Tissue Int.* 2012; 90(4):251-262.
- 24.Bone turnover compensates for the delayed growth in small for gestational age neonates. Tenta R, Bourgiezi I, Aliferis E, Papadopoulou M, Gounaris A, Skouroliakou M. *Organogenesis* 2013; (9):1;1-5.
- 25.Oleuropein prevents doxorubicin-induced cardiomyopathy interfering with signalling molecules and cardiomyocyte metabolism. Andreadou I, Mikros E, Ioannidis K, Sigala F, Naka K, Kostidis S, Farmakis D, Tenta R, Kavantzas N, Bibli SI, Gikas E, Skaltsounis L, Kremastinos DT, Iliodromitis EK. *J Mol Cell Cardiol.* 2014;(69):4-16.
- 26.Synthesis of new nebularine analogues and their inhibitory activity against adenosine deaminase. Lougiakis N, Marakos P, Pouli N, Fragopoulou E and Tenta R. *Chem Pharm Bull.* (Tokyo) 2015; 63(2):134-142.
- 27.Bioactive natural products against prostate cancer: mechanism of action and autophagic / apoptotic molecular pathways. Gioti K and Tenta R. *Planta Med.* 2015; 81:543-562.
- 28.Endoplasmic reticulum stress leads to cellular redistribution of the autoantigens Ro/SSA and La/SSB in salivary gland epithelial cells. Katsiougianis S, Tenta R, Skopouli FN. *Clin Exp Immunol.* 2015; 181:244-252.
- 29.Oleuropein is a powerful sensitizer of doxorubicin-mediated killing of prostate cancer cells and exerts its action via induction of autophagy. Papachristodoulou A, Tsoukala M, Benaki D, Kostidis S, Gioti K, Aligiannis N, Pratsinis H, Kletsas D, Skaltsounis A-L, Mikros E, Tenta R. *Journal of Cancer Research and Treatment (JCRT)* 2016; 4:61-68.
- 30.The discovery of new cytotoxic pyrazolopyridine derivatives. Giannouli V, Lougiakis N, Kostakis IK, Pouli N, Marakos P, Skaltsounis AL, Nam S, Jove R, Horne D, Tenta R, Pratsinis H, Kletsas D. *Bioorg Med Chem Lett.* 2016; 26(21):5229-5233.
- 31.Synthesis and antiproliferative activity of new pyrazolo[3,4-c] pyridines. Gavrili ES, Lougiakis N, Pouli N, Marakos P, Skaltsounis AL, Nam S, Jove R, Horne D, Gioti K, Pratsinis H, Kletsas D, Tenta R. *Med Chem.* 2017; 13(4): 365-374.

- 32.Antiproliferative effects of red and white wine extracts in PC-3 prostate cancer cells. Tenta R, Fragopoulou E, Tsoukala M, Xanthopoulou M, Skyrianou M, Pratsinis H, Kletsas D. Nutr Cancer. 2017;69 (6):952-961.
- 33.Hormonal responses following eccentric exercise in humans. Philippou A, Maridaki M, Tenta R, Koutsilieris M. Hormones 2017; 16(4):405-413.
- 34.Acute effects of smoking on appetite and related hormones. Yannakoulia M, Anastasiou CA, Zachari K, Sidiropoulou M, Katsaounou V, Tenta R. Physiol Behav. 2018; 184:78-82.
- 35.Association between male Infertility and seminal plasma levels of growth hormone and insulin-like growth factor-1. Simopoulou M, Philippou A, Maziotis E, Sfakianoudis K, Nitsos N, Bakas P, Tenta R, Zevolis E, Pantos K, Koutsilieris M. Andrologia 2018; 50(7): e13048.
- 36.Silymarin enriched extract (*Silybum marianum*) additive effect on doxorubicin-mediated cytotoxicity in PC-3 prostate cancer cells. Gioti K, Papachristodoulou A, Benaki D, Havaki S, Beloukas A, Vontzalidou A, Aligiannis N, Skaltsounis AL, Mikros E, Tenta R. Planta Med. 2019; 85(11-12):997-1007.
- 37.Autoimmune epithelitis (Sjögren's syndrome); the impact of metabolic status of glandular epithelial cells on auto-immunogenicity. Katsiougianis S, Tenta R, Skopouli FN. J Autoimmun. 2019; 104:102335.
- 38.Design and synthesis of new substituted pyrazolopyridines with potent antiproliferative activity. Giannouli V, Lougiakis N, Kostakis IK, Pouli N, Marakos P, Skaltsounis AL, Horne DA, Nam S, Gioti K, Tenta R. Med Chem. 2020; 16(2): 176 – 191.
- 39.Levosimendan prevents doxorubicin-induced cardiotoxicity in time- and dose dependent manner: Implications for inotropy. Efentakis P, Varela A, Chavdoula E, Sigala F, Sanoudou D, Tenta R, Gioti K, Kostomitsopoulos N, Papapetropoulos A, Tasouli A, Farmakis D, Davos CH, Klinakis A, Suter T, Cokkinos DV, Iliodromitis EK, Wenzel P, Andreadou I. Cardiovasc Res. 2020; 116 (3): 576–591.
- 40.Glycyrrhiza glabra-Enhanced Extract and Adriamycin Antiproliferative Effect on PC-3 Prostate Cancer Cells. Gioti K, Papachristodoulou A, Benaki D, Beloukas A, Vontzalidou A, Aligiannis N, Skaltsounis AL, Mikros E, Tenta R. Nutr Cancer. 2020; 72(2):320-332.
- 41.Lipocalin2 counteracts metabolic dysregulation in obesity and diabetes. Mosialou I, Shikhel S, Luo N, Petropoulou P, Panitsas K, Bisikirska B, Rothman N, Tenta R, Cariou B, Wargny M, Sornay-Rendu E, Nickolas T, Rubin M, Confavreux C, Kousteni S. JEM (Journal of Experimental Medicine) 2020; 5:217(10):e20191261.
- 42.Synthesis of Novel Xanthone and Acridone Carboxamides with Potent Antiproliferative Activities. Georgakopoulos A, Kalampaliki AD, Gioti K, Hamdoun S, Giannopoulou AF, Efferth T, Stravopodis DJ, Tenta R, Marakos P, Pouli N, Kostakis I. Arab J Chem. 2020; 13:7953–7969.
- 43.Assessment of the nutraceutical effects of oleuropein and the cytotoxic effects of adriamycin, when administered alone and in combination, in MG-63 human osteosarcoma cells. Gioti K, Papachristodoulou A, Benaki D, Aligiannis N, Skaltsounis AL, Mikros E, Tenta R. Nutrients 2021; 13:1-16.
- 44.Fermentation of *Pleurotus ostreatus* and *Ganoderma lucidum* mushrooms and their extracts by gut microbiota of healthy and osteopenic women: potential prebiotic effect and impact on human osteoblasts. Kerezoudi E, Mitsou EK, Gioti K, Terzi E, Avgousti I, Panagiotou A, Koutrotsios G, Zervakis GI, Mountzouris KC, Tenta R, Kyriacou A. Food & Function 2021; 12: 1529 – 1546.
- 45.Pumpkin seed extracts inhibit proliferation and induce autophagy in PC-3 androgen insensitive prostate cancer cells. Nomikos T, Gioti K, Tsoukala M, Tenta R. J Med Food 2021; doi.org/10.1089/jmf.2020.0200
- 46.Hormonal responses and blood cell count changes before and after demanding short-term high intensity interval exercise training in young healthy males. Bogdanis GC, Philippou A, Stavrinou PS, Tenta R, Maridaki M. Research in Sports Medicine 2021; 4: 1-15.
47. A weight-loss Mediterranean diet/lifestyle intervention ameliorates inflammation and oxidative stress in patients with obstructive sleep apnea: results of the "MIMOSA" randomized clinical trial. Georgoulis M,

Yiannakouris N, Tenta R, Fragopoulou E, Kechribari I, Lamprou K, Perraki E, Vagiakis E, Kontogianni MD. *Eur J Nutrition* 2021; <https://doi.org/10.1007/s00394-021-02552-w>

Ελισάβετ Φραγκοπούλου, Αναπληρώτρια Καθηγήτρια

1. Fragopoulou E, Nomikos T, Antonopoulou S, Mitsopoulou CA, Demopoulos CA. Separation of biologically active lipids from red wine. *Journal of Agricultural and Food Chemistry*. 2000;48(4):1234-1238. doi:10.1021/jf990554p

2. Panayiotou A, Samartzis D, Nomikos T, et al. Lipid fractions with aggregatory and antiaggregatory activity toward platelets in fresh and fried cod (*Gadus morhua*): Correlation with platelet-activating factor and atherogenesis. *Journal of Agricultural and Food Chemistry*. 2000;48(12):6372-6379. doi:10.1021/jf000701f
3. Fragopoulou E, Nomikos T, Tsantila N, Mitropoulou A, Zabetakis I, Demopoulos CA. Biological activity of total lipids from red and white wine/must. *Journal of Agricultural and Food Chemistry*. 2001;49(11):5186-5193. doi:10.1021/jf0106392
4. Antonopoulou S, Oikonomou A, Karantonis HC, Fragopoulou E, Pantazidou A. Isolation and structural elucidation of biologically active phospholipids from *Scytonema julianum* (cyanobacteria). *Biochemical Journal*. 2002;367(1):287-293. doi:10.1042/BJ20020146
5. Fragopoulou E, Antonopoulou S, Demopoulos CA. Biologically active lipids with antiatherogenic properties from white wine and must. *Journal of Agricultural and Food Chemistry*. 2002;50(9):2684-2694. doi:10.1021/jf011288u
6. Nomikos T, Karantonis HC, Fragopoulou E, Demopoulos CA. One-step separation system for the main phospholipids, glycolipids, and phenolics by normal phase HPLC. Application to polar lipid extracts from olive and sunflower oils. *Journal of Liquid Chromatography and Related Technologies*. 2002;25(1):137-149. doi:10.1081/JLC-100108545
7. Fragopoulou E, Antonopoulou S, Nomikos T, Demopoulos CA. Structure elucidation of phenolic compounds from red/white wine with antiatherogenic properties. *Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids*. 2003;1632(1-3):90-99. doi:10.1016/S1388-1981(03)00066-0
8. Antonopoulou S, Karantonis HC, Nomikos T, Oikonomou A, Fragopoulou E, Pantazidou A. Bioactive polar lipids from *Chroococcidiopsis* sp. (Cyanobacteria). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 2005;142(3):269-282. doi:10.1016/j.cbpc.2005.07.007
9. Antonopoulou S, Nomikos T, Oikonomou A, et al. Characterization of bioactive glycolipids from *Scytonema julianum* (cyanobacteria). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*. 2005;140(2):219-231. doi:10.1016/j.cbpc.2004.10.006
10. Fragopoulou E, Iatrou C, Demopoulos CA. Characterization of acetyl-CoA: Lyso-PAF acetyltransferase of human mesangial cells. *Mediators of Inflammation*. 2005;2005(5):263-272. doi:10.1155/MI.2005.263
11. Milias GA, Nomikos T, Fragopoulou E, Athanasopoulos S, Antonopoulou S. Effects of eccentric exercise-induced muscle injury on blood levels of platelet activating factor (PAF) and other inflammatory markers. *European Journal of Applied Physiology*. 2005;95(5-6):504-513. doi:10.1007/s00421-005-0031-6
12. Antonopoulou S, Fragopoulou E, Karantonis HC, et al. Effect of traditional Greek Mediterranean meals on platelet aggregation in normal subjects and in patients with type 2 diabetes mellitus. *Journal of Medicinal Food*. 2006;9(3):356-362. doi:10.1089/jmf.2006.9.356
13. Fragopoulou E, Iatrou C, Antonopoulou S, et al. Platelet-activating factor (PAF) increase intracellular lipid accumulation by increasing both LDL and scavenger receptors in human mesangial cells. *Journal of Laboratory and Clinical Medicine*. 2006;147(6):281-289. doi:10.1016/j.lab.2006.01.004
14. Karantonis HC, Fragopoulou E, Antonopoulou S, Rementzis J, Phenekos C, Demopoulos CA. Effect of fast-food Mediterranean-type diet on type 2 diabetics and healthy human subjects' platelet aggregation. *Diabetes Research and Clinical Practice*. 2006;72(1):33-41. doi:10.1016/j.diabres.2005.09.003
15. Milias GA, Nomikos T, Fragopoulou E, Athanasopoulos S, Antonopoulou S. Effects of baseline serum levels of Se on markers of eccentric exercise-induced muscle injury. *BioFactors*. 2006;26(3):161-170. doi:10.1002/biof.5520260301
16. Fragopoulou E, Nomikos T, Karantonis HC, et al. Biological activity of acetylated phenolic compounds. *Journal of Agricultural and Food Chemistry*. 2007;55(1):80-89. doi:10.1021/jf0627221
17. Nomikos T, Detopoulou P, Fragopoulou E, Pliakis E, Antonopoulou S. Boiled wild artichoke reduces postprandial glycemic and insulinemic responses in normal subjects but has no effect on metabolic syndrome patients. *Nutrition Research*. 2007;27(12):741-749. doi:10.1016/j.nutres.2007.09.009

18. Nomikos T, Fragopoulou E, Antonopoulou S. Food ingredients and lipid mediators. *Current Nutrition and Food Science*. 2007;3(4):255-276. doi:10.2174/1573401310703040255
19. Tsoupras AB, Fragopoulou E, Nomikos T, Iatrou C, Antonopoulou S, Demopoulos CA. Characterization of the de novo biosynthetic enzyme of platelet activating factor, DDT-insensitive cholinophosphotransferase, of human mesangial cells. *Mediators of Inflammation*. 2007;2007:27683. doi:10.1155/2007/27683
20. Kalogeropoulos N, Nomikos T, Chiou A, Fragopoulou E, Antonopoulou S. Chemical composition of greek avgotaracho prepared from mullet (*Mugil cephalus*): Nutritional and health benefits. *Journal of Agricultural and Food Chemistry*. 2008;56(14):5916-5925. doi:10.1021/jf8003543
21. Tsoupras AB, Chini M, Tsogas N, et al. Anti-platelet-activating factor effects of highly active antiretroviral therapy (HAART): A new insight in the drug therapy of HIV infection? *AIDS Research and Human Retroviruses*. 2008;24(8):1079-1086. doi:10.1089/aid.2007.0263
22. Detopoulou P, Nomikos T, Fragopoulou E, et al. Lipoprotein-associated phospholipase A2 (Lp-PLA2) activity, platelet-activating factor acetylhydrolase (PAF-AH) in leukocytes and body composition in healthy adults. *Lipids in Health and Disease*. 2009;8. doi:10.1186/1476-511X-8-19
23. Detopoulou P, Nomikos T, Fragopoulou E, et al. Platelet activating factor (PAF) and activity of its biosynthetic and catabolic enzymes in blood and leukocytes of male patients with newly diagnosed heart failure. *Clinical Biochemistry*. 2009;42(1-2):44-49. doi:10.1016/j.clinbiochem.2008.09.113
24. Fragopoulou E, Demopoulos CA, Antonopoulou S. Lipid minor constituents in wines. A biochemical approach in the French paradox. *International Journal of Wine Research*. 2009;1(1):131-143. doi:10.2147/IJWR.S4587
25. Letsiou S, Nomikos T, Panagiotakos D, et al. Serum total selenium status in Greek adults and its relation to age. the ATTICA study cohort. *Biological Trace Element Research*. 2009;128(1):8-17. doi:10.1007/s12011-008-8252-2
26. Xanthopoulou MN, Nomikos T, Fragopoulou E, Antonopoulou S. Antioxidant and lipoxygenase inhibitory activities of pumpkin seed extracts. *Food Research International*. 2009;42(5-6):641-646. doi:10.1016/j.foodres.2009.02.003
27. Detopoulou P, Panagiotakos DB, Chrysohoou C, et al. Dietary antioxidant capacity and concentration of adiponectin in apparently healthy adults: The ATTICA study. *European Journal of Clinical Nutrition*. 2010;64(2):161-168. doi:10.1038/ejcn.2009.130
28. Fragopoulou E, Panagiotakos DB, Pitsavos C, et al. N-Terminal proBNP distribution and correlations with biological characteristics in apparently healthy greek population: ATTICA study. *Angiology*. 2010;61(4):397-404. doi:10.1177/0003319709350134
29. Fragopoulou E, Panagiotakos DB, Pitsavos C, et al. The association between adherence to the Mediterranean diet and adiponectin levels among healthy adults: the ATTICA study. *Journal of Nutritional Biochemistry*. 2010;21(4):285-289. doi:10.1016/j.jnutbio.2008.12.013
30. Letsiou S, Nomikos T, Panagiotakos D, et al. Dietary habits of Greek adults and serum total selenium concentration: The ATTICA study. *European Journal of Nutrition*. 2010;49(8):465-472. doi:10.1007/s00394-010-0105-z
31. Tenta R, Panagiotakos DB, Fragopoulou E, et al. Osteoprotegerin and nuclear factor-kappaB ligand are associated with leptin and adiponectin levels, in apparently healthy women. *Journal of Musculoskeletal Neuronal Interactions*. 2010;10(2):174-179.
32. Tite T, Lougiakis N, Myrianthopoulos V, et al. Design and synthesis of new C-nucleosides as potential adenosine deaminase inhibitors. *Tetrahedron*. 2010;66(50):9620-9628. doi:10.1016/j.tet.2010.10.005
33. Xanthopoulou MN, Fragopoulou E, Kalathara K, Nomikos T, Karantonis HC, Antonopoulou S. Antioxidant and anti-inflammatory activity of red and white wine extracts. *Food Chemistry*. 2010;120(3):665-672. doi:10.1016/j.foodchem.2009.10.058

34. Yanni AE, Agrogiannis G, Nomikos T, et al. Oral supplementation with L-aspartate and L-glutamate inhibits atherogenesis and fatty liver disease in cholesterol-fed rabbit. *Amino Acids*. 2010;38(5):1323-1331. doi:10.1007/s00726-009-0340-x
35. Zotou E, Magkos F, Koutsari C, et al. Acute resistance exercise attenuates fasting and postprandial triglyceridemia in women by reducing triglyceride concentrations in triglyceride-rich lipoproteins. *European Journal of Applied Physiology*. 2010;110(4):869-874. doi:10.1007/s00421-010-1561-0
36. Gavrieli A, Yannakoulia M, Fragopoulou E, et al. Caffeinated coffee does not acutely affect energy intake, appetite, or inflammation but prevents serum cortisol concentrations from falling in healthy men. *Journal of Nutrition*. 2011;141(4):703-707. doi:10.3945/jn.110.137323
37. Tsantila N, Tsoupras AB, Fragopoulou E, Antonopoulou S, Iatrou C, Demopoulos CA. In vitro and in vivo effects of statins on platelet-activating factor and its metabolism. *Angiology*. 2011;62(3):209-218. doi:10.1177/0003319710375089
38. Tsoupras AB, Fragopoulou E, Iatrou C, Demopoulos CA. In vitro protective effects of olive pomace polar lipids towards Platelet Activating Factor metabolism in human renal cells. *Current Topics in Nutraceutical Research*. 2011;9(3):105-110.
39. Verouti SN, Fragopoulou E, Karantonis HC, et al. PAF effects on MCP-1 and IL-6 secretion in U-937 monocytes in comparison with OxLDL and IL-1 β effects. *Atherosclerosis*. 2011;219(2):519-525. doi:10.1016/j.atherosclerosis.2011.07.123
40. Chini M, Tsoupras AB, Mangafas N, et al. Effects of HAART on platelet-activating factor metabolism in naïve HIV-infected patients I: Study of the tenofovir-DF/emtricitabine/efavirenz HAART regimen. *AIDS Research and Human Retroviruses*. 2012;28(8):766-775. doi:10.1089/aid.2011.0202
41. Chini M, Tsoupras AB, Mangafas N, et al. Effects of highly active antiretroviral therapy on platelet activating factor metabolism in naïve HIV-infected patients: II study of the abacavir/lamivudine/efavirenz haart regimen. *International Journal of Immunopathology and Pharmacology*. 2012;25(1):247-258. doi:10.1177/039463201202500127
42. Detopoulou P, Nomikos T, Fragopoulou E, Stamatakis G, Panagiotakos DB, Antonopoulou S. PAF and its metabolic enzymes in healthy volunteers: Interrelations and correlations with basic characteristics. *Prostaglandins and Other Lipid Mediators*. 2012;97(1-2):43-49. doi:10.1016/j.prostaglandins.2011.10.003
43. Fragopoulou E, Detopoulou P, Nomikos T, Pliakis E, Panagiotakos DB, Antonopoulou S. Mediterranean wild plants reduce postprandial platelet aggregation in patients with metabolic syndrome. *Metabolism: Clinical and Experimental*. 2012;61(3):325-334. doi:10.1016/j.metabol.2011.07.006
44. Tsoupras AB, Chini M, Mangafas N, et al. Platelet-activating factor and its basic metabolic enzymes in blood of naïve HIV-infected patients. *Angiology*. 2012;63(5):343-352. doi:10.1177/0003319711420608
45. Detopoulou P, Fragopoulou E, Nomikos T, et al. Baseline and 6-week follow-up levels of paf and activity of its metabolic enzymes in patients with heart failure and healthy volunteers - A pilot study. *Angiology*. 2013;64(7):522-528. doi:10.1177/0003319712458536
46. Detopoulou P, Nomikos T, Fragopoulou E, Chrysohou C, Antonopoulou S. Platelet activating factor in heart failure: Potential role in disease progression and novel target for therapy. *Current Heart Failure Reports*. 2013;10(2):122-129. doi:10.1007/s11897-013-0131-2
47. Gavrieli A, Fragopoulou E, Mantzoros CS, Yannakoulia M. Gender and body mass index modify the effect of increasing amounts of caffeinated coffee on postprandial glucose and insulin concentrations; A randomized, controlled, clinical trial. *Metabolism: Clinical and Experimental*. 2013;62(8):1099-1106. doi:10.1016/j.metabol.2013.02.003
48. Gavrieli A, Karfopoulou E, Kardatou E, et al. Effect of different amounts of coffee on dietary intake and appetite of normal-weight and overweight/obese individuals. *Obesity*. 2013;21(6):1127-1132. doi:10.1002/oby.20190

49. Kalimeris K, Kouni S, Kostopanagiotou G, et al. Cognitive function and oxidative stress after carotid endarterectomy: Comparison of propofol to sevoflurane anesthesia. *Journal of Cardiothoracic and Vascular Anesthesia*. 2013;27(6):1246-1252. doi:10.1053/j.jvca.2012.12.009
50. Verouti SN, Tsilibary EC, Fragopoulou E, et al. Vitamin D receptor activators upregulate and rescue podocalyxin expression in high glucose-treated human podocytes. *Nephron - Experimental Nephrology*. 2013;122(1-2):36-50. doi:10.1159/000346562
51. Vlachogianni IC, Nomikos T, Fragopoulou E, et al. Interleukin-1beta stimulates platelet-activating factor production in U-937 cells modulating both its biosynthetic and catabolic enzymes. *Cytokine*. 2013;63(2):97-104. doi:10.1016/j.cyto.2013.04.024
52. Georgoulis M, Kontogianni MD, Tileli N, et al. The impact of cereal grain consumption on the development and severity of non-alcoholic fatty liver disease. *European Journal of Nutrition*. 2014;53(8):1727-1735. doi:10.1007/s00394-014-0679-y
53. Kalimeris K, Zerva A, Matsota P, et al. Pretreatment with sevoflurane attenuates direct lung injury. *Minerva Anestesiologica*. 2014;80(6):635-644.
54. Kontogianni MD, Tileli N, Margariti A, et al. Adherence to the Mediterranean diet is associated with the severity of non-alcoholic fatty liver disease. *Clinical Nutrition*. 2014;33(4):678-683. doi:10.1016/j.clnu.2013.08.014
55. Letsiou S, Nomikos T, Panagiotakos DB, et al. Gender-specific distribution of selenium to serum selenoproteins: Associations with total selenium levels, age, smoking, body mass index, and physical activity. *BioFactors*. 2014;40(5):524-535. doi:10.1002/biof.1176
56. Papakonstantinou VD, Chini M, Mangafas N, et al. In vivo effect of two first-line ART regimens on inflammatory mediators in male HIV patients. *Lipids in Health and Disease*. 2014;13(1). doi:10.1186/1476-511X-13-90
57. Xanthopoulou MN, Asimakopoulos D, Antonopoulou S, Demopoulos CA, Fragopoulou E. Effect of Robola and Cabernet Sauvignon extracts on platelet activating factor enzymes activity on U937 cells. *Food Chemistry*. 2014;165:50-59. doi:10.1016/j.foodchem.2014.05.085
58. Detopoulou P, Fragopoulou E, Nomikos T, Antonopoulou S. Dietary intervention studies of fish and FO/MO (Fish oils/Marine oils): Focus on secondary prevention of cardiovascular disease and diabetes. In: *Marine Oils (From Sea to Pharmaceuticals)*. ; 2015:113-129.
<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956819972&partnerID=40&md5=779a8e8e54dd296192d673ba6527237b>
59. Detopoulou P, Fragopoulou E, Nomikos T, Antonopoulou S. Mediterranean Diet and the Postprandial State: A Focus on Lipemia, Glycemia, and Thrombosis. In: *The Mediterranean Diet: An Evidence-Based Approach*. ; 2015:379-390. doi:10.1016/B978-0-12-407849-9.00035-X
60. Detopoulou P, Fragopoulou E, Nomikos T, et al. The relation of diet with PAF and its metabolic enzymes in healthy volunteers. *European Journal of Nutrition*. 2015;54(1):25-34. doi:10.1007/s00394-014-0682-3
61. Georgoulis M, Fragopoulou E, Kontogianni MD, et al. Blood redox status is associated with the likelihood of nonalcoholic fatty liver disease irrespectively of diet's total antioxidant capacity. *Nutrition Research*. 2015;35(1):41-48. doi:10.1016/j.nutres.2014.11.004
62. Georgoulis M, Kontogianni MD, Margariti A, et al. Associations between dietary intake and the presence of the metabolic syndrome in patients with non-alcoholic fatty liver disease. *Journal of Human Nutrition and Dietetics*. 2015;28(4):409-415. doi:10.1111/jhn.12323
63. Kelesidis T, Papakonstantinou V, Detopoulou P, et al. The role of platelet-activating factor in chronic inflammation, immune activation, and comorbidities associated with HIV infection. *AIDS Reviews*. 2015;17(4):191-201.
64. Lamprinou V, Tryfinopoulou K, Velonakis EN, et al. Cave cyanobacteria showing antibacterial activity. *International Journal of Speleology*. 2015;44(3):231-238. doi:10.5038/1827-806X.44.3.2

65. Lougiakis N, Marakos P, Pouli N, Fragopoulou E, Tenta R. Synthesis of new nebularine analogues and their inhibitory activity against adenosine deaminase. *Chemical and Pharmaceutical Bulletin*. 2015;63(2):134-142. doi:10.1248/cpb.c14-00731
66. Vlachogianni IC, Fragopoulou E, Kostakis IK, Antonopoulou S. In vitro assessment of antioxidant activity of tyrosol, resveratrol and their acetylated derivatives. *Food Chemistry*. 2015;177:165-173. doi:10.1016/j.foodchem.2014.12.092
67. Vlachogianni IC, Fragopoulou E, Stamatakis GM, Kostakis IK, Antonopoulou S. Platelet Activating Factor (PAF) biosynthesis is inhibited by phenolic compounds in U-937 cells under inflammatory conditions. *Prostaglandins and Other Lipid Mediators*. 2015;121:176-183. doi:10.1016/j.prostaglandins.2015.09.001
68. Kontogianni MD, Tileli N, Margariti A, et al. Adherence to the Mediterranean Diet Is Associated with the Severity of Nonalcoholic Fatty Liver Disease. Vol 114.; 2016:38. doi:10.1159/000441810
69. Ntzouvani A, Fragopoulou E, Panagiotakos D, Pitsavos C, Antonopoulou S. Reduced circulating adiponectin levels are associated with the metabolic syndrome independently of obesity, lipid indices and serum insulin levels: A cross-sectional study. *Lipids in Health and Disease*. 2016;15(1). doi:10.1186/s12944-016-0311-7
70. Argyrou C, Vlachogianni I, Stamatakis G, Demopoulos CA, Antonopoulou S, Fragopoulou E. Postprandial effects of wine consumption on Platelet Activating Factor metabolic enzymes. *Prostaglandins and Other Lipid Mediators*. 2017;130:23-29. doi:10.1016/j.prostaglandins.2017.03.002
71. Katsagoni CN, Georgoulis M, Papatheodoridis GV, et al. Associations between Lifestyle Characteristics and the Presence of Nonalcoholic Fatty Liver Disease: A Case-Control Study. *Metabolic Syndrome and Related Disorders*. 2017;15(2):72-79. doi:10.1089/met.2016.0105
72. Katsagoni CN, Papatheodoridis GV, Papageorgiou M-V, et al. A “healthy diet-optimal sleep” lifestyle pattern is inversely associated with liver stiffness and insulin resistance in patients with nonalcoholic fatty liver disease. *Applied Physiology, Nutrition and Metabolism*. 2017;42(3):250-256. doi:10.1139/apnm-2016-0492
73. Kolovou V, Fragopoulou E, Antonopoulou S, Kolovou G. Influence of Genes on the Lifespan of Long- and Short-Lived Families. *Hellenic Journal of Cardiology*. 2017;58(3):228-232. doi:10.1016/j.hjc.2017.01.002
74. Ntzouvani A, Nomikos T, Panagiotakos D, et al. Amino acid profile and metabolic syndrome in a male Mediterranean population: A cross-sectional study. *Nutrition, Metabolism and Cardiovascular Diseases*. 2017;27(11):1021-1030. doi:10.1016/j.numecd.2017.07.006
75. Tenta R, Fragopoulou E, Tsoukala M, et al. Antiproliferative Effects of Red and White Wine Extracts in PC-3 Prostate Cancer Cells. *Nutrition and Cancer*. 2017;69(6):952-961. doi:10.1080/01635581.2017.1340489
76. Xanthopoulou MN, Kalathara K, Melachroinou S, et al. Wine consumption reduced postprandial platelet sensitivity against platelet activating factor in healthy men. *European Journal of Nutrition*. 2017;56(4):1485-1492. doi:10.1007/s00394-016-1194-0
77. Fragopoulou E, Antonopoulou S. Postprandial effects of wine consumption along with a meal on the main pathophysiological systems. In: Polyphenols: Prevention and Treatment of Human Disease. ; 2018:63-76. doi:10.1016/B978-0-12-813008-7.00006-0
78. Fragopoulou E, Choleva M, Antonopoulou S, Demopoulos CA. Wine and its metabolic effects. A comprehensive review of clinical trials. *Metabolism: Clinical and Experimental*. 2018;83:102-119. doi:10.1016/j.metabol.2018.01.024
79. Fragopoulou E, Gavriil L, Argyrou C, et al. Suppression of DNA/RNA and protein oxidation by dietary supplement which contains plant extracts and vitamins: A randomized, double-blind, placebo-controlled trial. *Lipids in Health and Disease*. 2018;17(1). doi:10.1186/s12944-018-0836-z
80. Katsagoni CN, Papatheodoridis GV, Ioannidou P, et al. Improvements in clinical characteristics of patients with non-alcoholic fatty liver disease, after an intervention based on the Mediterranean lifestyle: A randomised controlled clinical trial. *British Journal of Nutrition*. 2018;120(2):164-175. doi:10.1017/S000711451800137X

81. Kolovou V, Diakoumakou O, Papazafiropoulou AK, et al. Biomarkers and gene polymorphisms in members of long-and short-lived families: A longevity study. *Open Cardiovascular Medicine Journal*. 2018;12(1):59-70. doi:10.2174/1874192401812010059
82. Nomikos T, Fragopoulou E, Antonopoulou S, Panagiotakos DB. Mediterranean diet and platelet-activating factor; a systematic review. *Clinical Biochemistry*. 2018;60:1-10. doi:10.1016/j.clinbiochem.2018.08.004
83. Choleva M, Boulogouri V, Panara A, et al. Evaluation of anti-platelet activity of grape pomace extracts. *Food and Function*. 2019;10(12):8069-8080. doi:10.1039/c9fo02138h
84. Gavriil L, Detopoulou M, Petsini F, Antonopoulou S, Fragopoulou E. Consumption of plant extract supplement reduces platelet activating factor-induced platelet aggregation and increases platelet activating factor catabolism: A randomised, double-blind and placebo-controlled trial. *British Journal of Nutrition*. 2019;121(9):982-991. doi:10.1017/S0007114519000308
85. Mitsou EK, Detopoulou M, Kakali A, et al. Mining possible associations of faecal *A. Muciniphila* colonisation patterns with host adiposity and cardiometabolic markers in an adult population. *Beneficial Microbes*. 2019;10(7):741-749. doi:10.3920/BM2019.0033
86. Ntzouvani A, Giannopoulou E, Fragopoulou E, Nomikos T, Antonopoulou S. Energy Intake and Plasma Adiponectin as Potential Determinants of Lipoprotein-Associated Phospholipase A2 Activity: A Cross-Sectional Study. *Lipids*. 2019;54(10):629-640. doi:10.1002/lipd.12191
87. Petsini F, Fragopoulou E, Antonopoulou S. Fish consumption and cardiovascular disease related biomarkers: A review of clinical trials. *Critical Reviews in Food Science and Nutrition*. 2019;59(13):2061-2071. doi:10.1080/10408398.2018.1437388
88. Fragopoulou E, Antonopoulou S. The French paradox three decades later: Role of inflammation and thrombosis. *Clinica Chimica Acta*. 2020;510:160-169. doi:10.1016/j.cca.2020.07.013
89. Fragopoulou E, Petsini F, Choleva M, et al. Evaluation of Anti-Inflammatory, Anti-Platelet and Anti-Oxidant Activity of Wine Extracts Prepared from Ten Different Grape Varieties. *Molecules (Basel, Switzerland)*. 2020;25(21). doi:10.3390/molecules25215054
90. Detopoulou M, Ntzouvani A, Petsini F, Gavriil L, Fragopoulou E, Antonopoulou S. Consumption of enriched yogurt with paf inhibitors from olive pomace affects the major enzymes of paf metabolism: A randomized, double blind, three arm trial. *Biomolecules*. 2021;11(6). doi:10.3390/biom11060801
91. Fragopoulou E, Argyrou C, Detopoulou M, et al. The effect of moderate wine consumption on cytokine secretion by peripheral blood mononuclear cells: A randomized clinical study in coronary heart disease patients. *Cytokine*. 2021;146. doi:10.1016/j.cyto.2021.155629
92. Fragopoulou E, Detopoulou P, Alepoudea E, Nomikos T, Kalogeropoulos N, Antonopoulou S. Associations between red blood cells fatty acids, desaturases indices and metabolism of platelet activating factor in healthy volunteers. *Prostaglandins Leukotrienes and Essential Fatty Acids*. 2021;164. doi:10.1016/j.plefa.2020.102234
93. Georgoulis M, Yiannakouris N, Tenta R, et al. A weight-loss Mediterranean diet/lifestyle intervention ameliorates inflammation and oxidative stress in patients with obstructive sleep apnea: results of the "MIMOSA" randomized clinical trial. *European Journal of Nutrition*. Published online 2021. doi:10.1007/s00394-021-02552-w
94. Ntzouvani A, Antonopoulou S, Fragopoulou E, et al. Effect of differently fed farmed gilthead sea bream consumption on platelet aggregation and circulating haemostatic markers among apparently healthy adults: A double-blind randomized crossover trial. *Nutrients*. 2021;13(2):1-15. doi:10.3390/nu13020286