
Zissis Mamuris
CURRICULUM VITAE

Date of birth: 25 July 1961
Nationality: Greek
Work Address: Department of Biochemistry and Biotechnology University of Thessaly, Biopolis, 41500 Larissa, Greece
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Current Position: Professor of Animal Population Genetics, Department of Biochemistry and Biotechnology University of Thessaly

UNIVERSITY EDUCATION

1979-1984 Aristotle University of Thessaloniki, Greece B. Sc. in Biology
1984-1985 University of PARIS 7, France
D.E.A. in Population Genetics, D.E.A. Project: "Cytogenetic study of the mutations induced by the nitrofurane: R7000"
1985-1989 University of PARIS 7, France
Doctorate in Cytogenetics and Population Genetics
Doctorate Thesis: "Comparative study of chromosome aberrations induced by MELPHALAN and those observed in secondary acute leukemia" Supervised by Dr. B. Dutrillaux and Dr. A. Aurias
1990, 1992 Postdoctoral stages in Institut CURIE, Paris, France

COURSE ORGANISING AND TEACHING (Graduate and Postgraduate programs)

Genetics, Cell Biology, Biology, Evolution, Molecular Ecology, GMOs (Postgraduate program), Genetics of Diseases (Postgraduate program)

THESIS SUPERVISION

35 honors project, 40 M.Sc., 13 Ph.D. thesis

PARTICIPATION IN RESEARCH PROJECTS

- DS2: DataSpace, DataShare 2.0. ΕΥΡΩΠΑΙΚΗ ΕΝΩΣΗ. Λήξη 31-12-2026.
- ALLIANCE: A hoListic framework in the quality Labelled food supply chain systems' management towards enhanced data Integrity and verAcity, interoperability, traNsparenCy, and tracEability. ΕΥΡΩΠΑΙΚΗ ΕΝΩΣΗ. Λήξη 2025-10-31
- «Characterization of Heat-stress effects using Omic Techniques in Cattle: molecular intervention checkpoints and development of minimally invasive biomarkers» ΕΛ.Ι.Δ.Ε.Κ Ερευνητικό Έργο με αριθμό «16889».

- DigiAgriFood: Digital Transformation and Green Transition of the Agri-Food Value Chain in Central and Northern Greece "7310". (Project Coordinator). 2022-2025.
- Men fertility: genomics, proteomics and diagnosis. From the bench to the bedside. ACROnyM: Fertilaid. T1EDK 02787 (Project Coordinator). 2018-2020.
- Increasing dairy cows fertility through identification and exploitation of genetically thermotolerant individuals. ACROnyM: THE SUMMER COW. T1EDK-01078. 2018-2020.
- Platform for monitoring supply and demand in the labor market for vocational schools: SOKRA-NET P.P.H.U. JAKUB GUDERSKI (2017-2020) (Project Coordinator).
- MOM: Maternity Opportunities and Mainstreaming. EUROPEAN UNION (2017-2020) (Project Coordinator)
- VET4MIGRE: VET OPPORTUNITIES FOR MIGRANTS AND REFUGEES. EUROPEAN UNION (2017-2019) (Project Coordinator)
- ENGAGE:ENhancinG Adults key competences to promote and encouraGe effective. EUROPEAN UNION (2017-2019) (Project Coordinator)
- Early Innovation Capacity. EUROPEAN UNION (2017-2019) (Project Coordinator)
- SEEDplus: (Social) entrepreneur exchange and development Plus. EUROPEAN UNION (2017-2019) (Project Coordinator)
- Consumer Driven Production: Integrating Innovative Approaches for Competitive and Sustainable Performance across the Mediterranean Aquaculture Value Chain. ACROnyM: PerformFISH. Grant agreement no 727610, call identifier SFS-23-2016. Duration 60 months.
- NEW HORIZONS. European Union 2016-2018. (Project Coordinator).
- ENT-NET: Promoting self-employment and entrepreneurship through a training network. European Union. 2015-2017 (Project Coordinator).
- YEP! Young entrepreneur people to mentor long term unemployed adults. European Union 2016-2018. (Project Coordinator).
- GENERATIVITY: Manage it. European Union. 2016-1018. (Project Coordinator)
- Innovative Integrated Training in Healing Plants Business. European Union 2016-2018. Innovative Integrated Training in Healing Plants Business. (Project Coordinator).
- Member of Management Committee of COST Action CA15116 - Understanding and combating African Swine Fever in Europe (ASF-STOP) 2016-2020.
- Member of Management Committee of COST Action TD1101 - A Collaborative European Network on Rabbit Genome Biology (RGB-Net) 2011-2015.
- MALWEST "Integrated surveillance and control programme for West Nile virus and malaria in Greece" Operational Programme entitled "Human Resources Development" of National Strategic Reference Framework (NSRF) 2007-2013 through the Greek Ministry of Health. The project, launched in January 2012, will run for a 24-month period (until 31st December 2013).
- WildTech "Novel Technologies for Surveillance of Emerging and Re-emerging Infections of Wildlife (2009-2013). The project is supported by the European Commission under the Food, Agriculture and Fisheries, and Biotechnology Theme of the 7th Framework Programme for Research and Technological Development, grant agreement no. 222633.
- Member of Management Committee of COST Action 925 «The importance of prenatal events for postnatal muscle growth in relation to the quality of muscle based foods» του Προγράμματος COST-European Cooperation in the Field of Scientific and Technical Research 2004-2008.

- ESF Research Networking Programme on conservation genomics to develop and improve the knowledge transfer of the technical advances and challenges in conservation genomics, focusing specifically on the application of genomic techniques. 2011-2015
- “The importance of genetic polymorphism of the Major Histocompatibility Complex (MHC) for disease outbreaks in mammals: correlation between the genetic composition in hare (*Lepus europaeus*) and the frequency of european brown hare syndrome”. PYTHAGORAS, Ministry of Education, Greece, 2004-2006 (Project Coordinator).
- “Sex differentiation and stress: correlation of the levels of expression of P450 aromatase and the brain peptide pro-opiomelanocortin (POMC)”. Research Committee, University of Thessaly, Greece, 2001. (Project Coordinator).
- «Incorporation of legumes and carob seed germ meal in sea bream and sea bass feeds” EPAN, General Secretariat of Research and Technology, Greece. 2004-2007
- “Molecular cloning and characterization of the main serine proteases in the euryhaline teleost *Sparus aurata*: salinity and hormonal regulation of gene expression and enzyme activity levels” HRAKLEITOS, Ministry of Education, Greece, 2002-2005 (Project Coordinator)
- «Molecular cloning and characterization of the embryonic form of *Sparus aurata* skeletal myosin alkali light chain: developmental expression». Instituto de Cooperação Científica e Tecnológica Internacional (ICCTI), Portugal 2000-2001.
- «Identification of european brown hare populations (*Lepus europeus*) in Greece». Ministry of Agriculture 2000-2001. (Project Coordinator).
- «Identification of european brown hare populations (*Lepus europeus*) in Epirus and Thessaly with molecular biology methods». Ministry of Agriculture 1998-1999. (Project Coordinator).
- «Study of the genetic structure of fish stock populations of high commercial value in Pagasitikos Gulf with molecular biology methods». Ministry of Environment - Prefecture of Magnesia, Greece, 1998-2000. (Project Coordinator).
- «Determination of different stock populations of *Mullus surmuletus* with molecular biology methods». Research Committee, University of Thessaly, Greece, 1998 (Project Coordinator).
- «Selection methodology for the generation of maize genetic material tolerant to extreme temperature fluctuations». PENED, General Secretariat of Research and Technology, Greece, 1996-1998.
- Electricite de France (EDF) "Maximum permitted limits of radiation and public protection from radioactivity".
- Ligue Nationale Francaise Contre le Cancer "Leukemias : Causes–Diagnosis-Treatment".
- Ministere de la Recherche et de la Technologie "Research and development of new methodology for the determination of toxic effects of drugs and toxic compounds".
- Ministere de la Recherche et de l' Enseignement Superieur "Population Genetics and Epidemiology".
- Ligue Nationale Francaise Contre le Cancer "Study of oncogenes and anti-oncogenes".
- «Determination of different stock populations of *Mullus barbatus* with molecular biology methods». PENED, General Secretariat of Research and Technology, Greece, 1996-1998.

RESEARCH INTERESTS

- Analysis of population genetics structures of terrestrial and aquatic animals and development of molecular markers for the study of phylogenesis, microevolution and speciation mechanisms and biodiversity conservation.
- Immunogenetic studies of humans and animals. Correlation with susceptibility to diseases.

- Genomics and proteomics analysis of human diseases. Pharmacogenomics.
- Development and application of techniques for food quality control.

MANAGEMENT ACTIVITIES

Chairman of the Department of Biochemistry and Biotechnology, University of Thessaly (2007- 2012)

Director of the Postgraduate Programme “Biotechnology - Quality Assessment in Nutrition and the Environment” (2006-2014)

President of the Research Committee of the University of Thessaly (2015-18)

Vice rector of Research of the University of Thessaly (2015-18)

Rector of the University of Thessaly (2018-2023)

PUBLICATIONS

1. **Mamuris Zissis**: "Etude cytogénétique des effets mutagènes d' un nitronaphtofuranne: le R7000" **Μεταπτυχιακή διατριβή στα πλαίσια του D.E.A.** (1985).

2. **Mamuris Zissis**: "Etude comparative des lésions chromosomiques induites par un agent alkylant (Melphalan), et celles observées dans les leucémies aiguës myéloïdes secondaires" PARIS 7. **Διδακτορική διατριβή** (1989).

Publications

Citations=3891, h index=39, g index=56

1. Tsiourlianos A, Cardoso J, Angelakopoulos R, Kotoula A, Power D, **Mamuris Z**, Moutou K A (2024) Regulatory Subfunctionalization drives OXPHOS evolution in teleosts. *Genome Biology and Evolution*
2. Chatziparasidou A, Sarafidou T, Kyrgiafini M-A, Moutou K, Markantoni M, Giannoulis T, Papatheodorou A, Oraiopoulou C, Samolada G, Christoforidis N, **Mamuris Z** (2024) Unravelling the genetic basis of Azoospermia: An RNA-Seq and transcriptome profiling analyses in a Greek Population. *F & S Science*
3. Kyrgiafini M-A, Veselinov Vasilev V, Chatziparasidou A, **Mamuris Z** (2024) MicroRNA (miRNA) Variants in Male Infertility: Insights from Whole-Genome Sequencing. *Genes*
4. Chatziparasidou A, Kyrgiafini M-A, Sarafidou T, Moutou K A., **Mamuris Z** (2024) Genetic insights into azoospermia and severe oligozoospermia: Discovering seven SNPs through GWAS and in silico analysis. *Current Issues in Molecular Biology* (in press).
5. Kyrgiafini M-A, Giannoulis T, Chatziparasidou A, **Mamuris Z** (2024) Elucidating the Role of OXPHOS Variants in Asthenozoospermia: Insights from Whole Genome Sequencing and an In Silico Analysis. *International Journal of Molecular Sciences* 25(7), 4121; <https://doi.org/10.3390/ijms25074121>
6. Liadaki K, Zafiriou E, Giannoulis Th, Alexouda S, Chaidaki K, Gidarokosta P, Roussaki-Schulze A-V, Tsiogkas S G, Daponte A, **Mamuris Z**, Bogdanos D P, Moschonas N K, Sarafidou T (2024) PDE4 Gene Family Variants Are Associated with Response to Apremilast Treatment in Psoriasis. *Genes* 15(3), 369; <https://doi.org/10.3390/genes15030369> (registering DOI).
7. Kyrgiafini M-A, **Mamuris Z** (2024) Feature Papers in Population and Evolutionary Genetics and Genomics 2023: Unraveling Population Dynamics, Diversity, and Evolutionary Paths. Editorial. *Genes*
8. Kirgiafini D, Kyrgiafini M-A, Gournaris Th, **Mamuris Z** (2024) Understanding Circular RNAs in Health, Welfare, and Productive Traits of Cattle, Goats, and Sheep. *Animals*, 14, 733. <https://doi.org/10.3390/ani14050733>
9. Angelakopoulos R, Tsiourlianos A, Giannoulis T, **Mamuris Z**, Moutou K A. (2023) MassArray genotyping as a selection tool for extending shelf- life of fresh gilthead seabream and European seabass. *Animals* (in press)

10. Kyrgiafini M-A, **Mamuris Z** (2023) Genetic Insights into Teratozoospermia: A Comprehensive Computational Study of UTR Variants in AURKC, SPATA16, and SUN5. *DNA* 3(4), 148-167; <https://doi.org/10.3390/dna3040013>
11. Kyrgiafini M-A, Giannoulis T, Chatziparasidou A, Christoforidis N, **Mamuris Z** (2023) Unveiling the Genetic Complexity of Teratozoospermia: Integrated Genomic Analysis Reveals Novel Insights into lncRNAs' Role in Male Infertility. *International Journal of Molecular Sciences*, 24, 15002. <https://doi.org/10.3390/ijms241915002>
12. Kyrgiafini M-A, **Mamuris Z** (2023) Circular RNAs and their role in male infertility: A systematic review. *Biomolecules* Jun 27;13(7):1046. doi: 10.3390/biom13071046.
13. Angelakopoulos R, Fitsili A, Tsipourlianos A, Tsingene A, Dimitroglou A, Galliopoulou E. Papaharisis L, **Mamuris Z**, Giannoulis T, Moutou K. (2023) Non-invasive markers evaluation of physiological responses to fishmeal substitution with plant raw materials in gilthead seabream (*Sparus aurata*). *Aquaculture* (submitted)
14. Kyrgiafini M-A, **Mamuris Z** (2023) Male Infertility: From Genes to Genomes 2022 Editorial. *Genes* 14(5), 959; <https://doi.org/10.3390/genes14050959>
15. Kyrgiafini M-A, Sarafidou T, Giannoulis T, Chatziparasidou A, Christoforidis N, **Mamuris Z** (2023) Gene-by-sex interactions: Genome-wide association study reveals five SNPs associated with obesity and overweight in a male population. *Genes* 14(4), 799; <https://doi.org/10.3390/genes14040799>.
16. Kyrgiafini M-A, **Mamuris Z** (2023). Special Issue "Feature Papers in Population and Evolutionary Genetics and Genomics". *Genes*, 14, 38. <https://doi.org/10.3390/genes14010038>
17. Sarri CA, Papadopoulos GE, **Mamuris Z** (2022) West Nile Virus associated HLA-DRB1 alleles in the Greek population: a structural perspective. *Microbiology and Immunology* Mar;67(3):154-159. doi: 10.1111/1348-0421.13048. Epub 2023 Jan 12.
18. Kyrgiafini M-A, Giannoulis T, Moutou KA, **Mamuris Z** (2022) Investigating the Impact of a Curse: Diseases, Population Isolation, Evolution and the Mother's Curse. *Genes* 13(11), 2151; <https://doi.org/10.3390/genes13112151>
19. Kyrgiafini M-A, Sarafidou T, **Mamuris Z** (2022) The Role of Long Noncoding RNAs on Male Infertility: A Systematic Review and In Silico Analysis. *Biology* 11(10), 1510; <https://doi.org/10.3390/biology11101510>
20. Kalemkeridou M, Nanas I, Moutou K, Amiridis GS, Tsipourlianos A, Dovolou E, **Mamuris Z**, Giannoulis T (2022) Genetic diversity and thermotolerance in Holstein cows: Pathway analysis and marker development using Whole Genome Sequencing. *Reproduction in Domestic Animals* <https://doi.org/10.1111/rda.14274>
21. Kyrgiafini M-A, Giannoulis T, Chatziparasidou A, Christoforidis N, **Mamuris Z** (2022) Whole-Genome Profile of Greek patients with Teratozoospermia: Identification of candidate variants and genes. *Genes* Sep 8;13(9):1606. doi: 10.3390/genes13091606.
22. Markantoni M, Sarafidou Th, Chatziparasidou A, Christoforidis N, **Mamuris Z** (2022) Male infertility and the impact of lifestyle in the Greek population: A case-control study. *Health Science Reports* <https://doi.org/10.1002/hsr2.675>
23. Stamperna K, Giannoulis T, Cañon-Beltrán K, Dovolou E, Kalemkeridou M, Nanas I, Rizos D, Moutou K A, **Mamuris Z**, Amiridis GS (2022) Oviductal epithelial cells transcriptome and extracellular vesicles characterization during thermoneutral and heat stress conditions in dairy cows. *Theriogenology* 187:152-163
24. Goutzelas Y, Kontou P, **Mamuris Z**, Bagos P, Sarafidou Th (2022) Meta-analysis of gene expression data in adipose tissue reveals new obesity associated genes. *Gene* Apr 15:818:146223. doi: 10.1016/j.gene.2022.146223. Epub 2022 Jan 19.
25. Stamperna K, Giannoulis T, Dovolou E, Kalemkeridou M, Nanas I, Dadouli K, Moutou K, **Mamuris Z**, Amiridis GS (2021) The effects of Heat Shock Protein 70 addition in the culture medium on the

- development and quality of in vitro produced heat shocked bovine embryos. *Animals* Nov 23. doi: 10.3390/ani11123347.
26. Sarri CA, Giannoulis Th, Moutou KA, **Mamuris Z** (2021) HLA class II peptide-binding-region analysis reveals funneling of polymorphism in action. *Immunology Letters* 238:75-95.
 27. Stamperna K, Dovolou E, Giannoulis Th, Kalemkeridou M, Nanas I, Dadouli K, Moutou K, **Mamuris Z**, Amiridis GS (2021) Developmental competence of heat stressed oocytes from Holstein and Limousine cows matured in vitro. *Reproduction in Domestic Animals* 56:1302–1314 <https://doi.org/10.1111/rda.13993>
 28. Stamperna K, Giannoulis Th, Dovolou E, Kalemkeridou M, Nanas I, Dadouli K, Moutou K, **Mamuris Z**, Amiridis GS (2021) Heat Shock Protein 70 Improves In Vitro Embryo Yield and Quality from Heat Stressed Bovine Oocytes. *Animals* 11, 1794. <https://doi.org/10.3390/ani11061794>
 29. Markantoni M, Sarafidou Th, Kyrgiagini M-A, Chatziparasidou A, Christoforidis N, Dafopoulos K, **Mamuris Z** (2021) Replicating a GWAS: Three novel candidate markers for oligospermia in Greek population. *Molecular Biology Reports* <https://doi.org/10.1007/s11033-021-06470-2>
 30. Katsarou E I, Chatzopoulos D C, Giannoulis T, Ioannidi K S, Katsafadou A I, Kontou P I, Lianou D T, **Mamuris Z**, Mavrogianni V S, Michael C, Papadopoulos E, Petinaki E, Sarrou S, Vasileiou N G C, Fthenakis G C (2021). MLST-Based Analysis and Resistance to Antimicrobial Agents of Staphylococcus epidermidis from Cases of Sheep Mastitis in Greece. *Biology* 2021 Feb 24. doi: 10.3390/biology10030170.
 31. Kyrgiagini M-A, Markantoni M, Sarafidou T, Chatziparasidou A, Christoforidis N, **Mamuris Z**. (2020) Genome-wide association study identifies candidate markers related to lincRNAs associated with male infertility in the Greek population. *Journal of Assisted Reproduction and Genetics* 37:2869-2881.
 32. Skyvalidas DN, Mavropoulos A, Tsiogkas S, Dardiotis E, Liaskos C, **Mamuris Z**, Roussaki-Schulze A, Sakkas LI, Zafiriou E, Bogdanos DP (2020) Curcumin mediates attenuation of pro-inflammatory interferon γ and interleukin 17 cytokine responses in psoriatic disease, strengthening its role as a dietary immunosuppressant. *Nutrition Research* 75: 95-108.
 33. Giannoulis Th **Mamuris Z**. Phylogenetic relationships between genera Dorcadion, Lamia, Morimus, Herophila and some other Lamiinae (Coleoptera: Cerambycidae) based on chromosome and CO1 gene sequence comparison *Bulletin of Entomological Research* Jun;110(3):321-327. doi: 10.1017/S0007485319000737. Epub 2019 Dec 4.
 34. Stefanović M, Djan M, Veličković N, Beuković D, Lavadinović V, Zhelev C D, Demirbaş Y, Paule L, Gedeon C I, **Mamuris Z**, Posautz A, Beiglbock C, Kubber-Heiss A, Suchentrunk F (2019) Positive selection and precipitation effects on the mitochondrial NADH dehydrogenase subunit 6 gene in brown hares (*Lepus europaeus*) under a phylogeographic perspective. *PLoS ONE* 14(11): e0224902. <https://doi.org/10.1371/journal.pone.0224902>
 35. Valiakos G, Plavos K, Vontas A, Sofia M, Giannakopoulos A, Giannoulis Th, Spyrou V, Tsokana C N, Chatzopoulos D, Kantere M, Diamantopoulos V, Theodorou A, Mpellou S, Tsakris A, **Mamuris Z**, Billinis Ch (2019) Phylogenetic analysis of bird-virulent strain of West Nile virus, Greece. *Emerging Infectious Diseases* Dec;25(12):2323-2325. doi: 10.3201/eid2512.181225.
 36. Giannoulis Th, Plageras D, Stamatis C, Chatzivagia E, Tsiourlianos A, Birtsas P, Billinis Ch, Suchentrunk F, **Mamuris Z**. (2019) Islands and hybrid zones: combining the knowledge from “Natural Laboratories” to explain phylogeographic patterns of the European brown hare. *BMC Evolutionary Biology* 19, 17 (2019). <https://doi.org/10.1186/s12862-019-1354-y>.
 37. Daniil Z, Kotsiou, O S, Grammatikopoulos A, Peletidou S, Gkika H, Malli F, Antoniou K, Vasarmidi E, **Mamuris Z**, Gourgoulialis K, Zifa E. (2018) Detection of mitochondrial transfer RNA (mt-tRNA) gene mutations in patients with idiopathic pulmonary fibrosis and sarcoidosis. *Mitochondrion* 43: 43-52.
 38. Sarri C A, Papadopoulos G E, Papa A, Tsakris A, Pervanidou D, Baka A, Politis C, Billinis C, Hadjichristodoulou C, **Mamuris Z**. (2018) Amino acid signatures in the HLA class II peptide-binding region

- associated with protection/susceptibility to the severe West Nile Virus disease. *PLoS ONE* October 31, 2018 <https://doi.org/10.1371/journal.pone.0205557>
39. Anifandis G, Amiridis G, Dafopoulos K, Daponte A, Dovolou E, Gavriil E, Gorgogietas V, Kachpani E, **Mamuris Z**, Messini C I, Vassiou K, Psarra A-M G (2018) The In Vitro Impact of the Herbicide Roundup on Human Sperm Motility and Sperm Mitochondria. *Toxics*, 6, 2; doi:10.3390/toxics6010002
 40. Stamatis C, Giannoulis T, Galliopoulou E, Billinis C, **Mamuris Z** (2017) Genetic analysis of melanocortin 1 receptor gene in endangered Greek sheep breeds. *Small Ruminant Research* 157: 54-56.
 41. Mendrinou E, Patsatsi A, Zafiriou E, Papadopoulou D, Aggelou L, Sarri C, **Mamuris Z**, Kyriakou A Sotiriadis, D, Roussaki-Schulze A, Sarafidou T, Vasilopoulos Y (2017) FCGR3A-V158F polymorphism is a disease-specific pharmacogenetic marker for the treatment of psoriasis with Fc-containing TNF α inhibitors. *Pharmacogenomics Journal*, 17:237-241 | doi:10.1038/tpj.2016.16
 42. Goutzelas Y., Kotsa K., Vasilopoulos Y., Tsekmekidou X., Stamatis C., Yovos J. G., Sarafidou Th, **Mamuris Z**. (2017) Association analysis of Fto Gene Polymorphisms with Obesity in the Greek Adults. *Gene*, 613:10-13
 43. Giannoulis Th., Stamatis C., Tspourlianos A., **Mamuris Z**. (2017) Mitogenomic analysis in European brown hare (*Lepus europaeus*) proposes genetic and functional differentiation between the distinct lineages. *Mitochondrial DNA* <http://dx.doi.org/10.1080/24701394.2016.1278540>
 44. Sarri C. A., Roussaki-Schulze A., Vasilopoulos Y., Zafiriou E., Patsatsi A., Stamatis C., Gidarokosta P., Sotiriadis D., Sarafidou Th., **Mamuris Z**. (2017) Netherton syndrome: A Genotype-Phenotype Review. *Molecular Diagnosis & Therapy*, 21:137-152 doi:10.1007/s40291-016-0243-y.
 45. Koutsogiannouli E. A., Moutou K. A., Stamatis C., **Mamuris Z**. (2016) MHC class II DRB1 and DQA2 gene polymorphisms in four indigenous breeds of sheep (*Ovis aries*). *Mammalian Biology*, 81:628-636.
 46. Sarri C. A., Markantoni M., Stamatis C., Papa A., Tsakris A., Pervanidou D., Baka A., Politis C., Billinis C., Hadjichristidou C., **Mamuris Z.**; MALWEST project (2016) Genetic contribution of MHC class II genes in susceptibility to West Nile Virus infection. *PLoS ONE*, 11(11) e0165952.
 47. Amoutzias G.D., Giannoulis Th., Moutou K. A., Psarra A.-M. G., Stamatis C., Tspourlianos A., **Mamuris Z**. (2016) SNP identification through transcriptome analysis 1 of the European brown hare (*Lepus europaeus*): cellular energetics and mother's curse. *PLoS ONE* <http://dx.doi.org/10.1371/journal.pone.0159939>
 48. Sarri C.A., Markantoni M., Hadjichristodoulou C., **Mamuris Z.**, the MALWEST Project (2016) Identification of the novel HLA-DRB1*11:192 allele by sequence-based typing in Greece. *HLA*, 88: 60-
 49. Sarri C.A., Markantoni M., Hadjichristidou C., **Mamuris Z.**, the MALWEST Project (2016) Complete exon 2 sequence of the HLA-DPA1*03:01 allele by sequence-based typing. *HLA*, 88:56+
 50. Mendrinou E., Patsatsi A., Zafiriou E., Papadopoulou D., Aggelou L., Sarri C., **Mamuris Z**, Kuriakou A., Sotiriadis D., Roussaki-Schulze A., Sarafidou T., Vasilopoulos Y. (2016) FCGR3A-V158F polymorphism is a disease-specific pharmacogenetic marker for the treatment of psoriasis with Fc-containing TNF α inhibitors. *Pharmacogenomics Journal* doi: 10.1038/tpj.2016.16. [Epub ahead of print]
 51. Hadjichristodoulou Ch., Pournaras S., Mavrouli M., Marka A., Tserkezou P., Baka A., Billinis Ch., Katsioulis A., Psaroulaki A., Papa A., Papadopoulos N., **Mamuris Z.**, Tsakris A., Kremastinou J., MALWEST Project (2015) West Nile Virus Seroprevalence in the Greek Population in 2013: A Nationwide Cross Sectional Survey. *PLoS ONE* 10(11): e0143803. doi:10.1371/ journal.pone.0143803
 52. Tseroni M., Baka A., Kapizioni C., Snounou G., Tsiodras S., Charvalakou M., Georgitsou M., Panoutsakou M., Psinaki I., Tsoromokou M., Karakitsos G., Pervanidou D., Vakali A., Mouchtouri V., Georgakopoulou Th., **Mamuris Z.**, Papadopoulos N., Koliopoulos G., Badieritakis E., Diamantopoulou V., Tsakris A., Kremastinou J., Hadjichristodoulou Ch., MALWEST Project (2015) Prevention of Malaria Resurgence in Greece through the Association of Mass Drug Administration (MDA) to Immigrants from Malaria-Endemic Regions and Standard Control Measures. *PLoS Neglected Tropical Diseases* 9 (11): e0004215. doi:10.1371/journal.pntd.0004215

53. Tsokana C.N., Sokos C., Giannakopoulos A., **Mamuris Z.**, Birtsas P., Papaspyropoulos K., Valiakos G., Spyrou V., Lefkaditis M., Chatzopoulos D.C., Kantere M., Manolakou K., Touloudi A., Rodi Burrie A., Ferroglio E., Hadjichristodoulou C., Billinis C. (2015) First evidence of Leishmania infection in European Brown Hare (*Lepus europeus*) in Greece, GIS 2 analysis and phylogenetic position within the Leishmania spp. *Parasitology Research*,115: 313–321
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Participation in collective publications

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Authoring on behalf of all members of the COST action 925
http://www.cost.esf.org/domains_actions/fa/Actions/Muscle_Growth_Muscle_Based_Foods and
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Exploring Non-coding RNAs: Insights into Male Infertility (ncRNA – open for submission)

Beyond the Basics: Genetic Insights into Male Infertility (*Genes* – open for submission)

ABSTRACTS AND CONFERENCE ATTENDANCE

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