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## **Zissis Mamuris**

### **CURRICULUM VITAE**

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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, 28 M.Sc., 4 Ph.D. thesis*

#### **PARTICIPATION IN RESEARCH PROJECTS**

- 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. Έναρξη 2017.
- 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. 2016-2018. (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 7<sup>th</sup> 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- )

## PUBLICATIONS

**Citations=2425, h index=31**

1. 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* (in press)
2. 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 Phylogenetic analysis of bird-virulent strain of West Nile virus, Greece. *Emerging Infectious Diseases* (in press)
3. Giannoulis Th, Plageras D, Stamatis C, Chatzivagia E, Tsipourlianos 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.
4. Daniil Z, Kotsiou, O S, Grammatikopoulos A, Peletidou S, Gkika H, Malli F, Antoniou K, Vasarmidi E, Mamuris Z, Gourgoulisianis 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.

5. 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* 13, 10, , Article number e0205557
6. 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.
7. 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 $\alpha$  inhibitors. *Pharmacogenomics Journal*, 17:237-241 | doi:10.1038/tpj.2016.16
8. 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* (in press)
9. Giannoulis Th., Stamatis C., Tsipourlianos A., **Mamuris Z.** (2017) Mitogenomic analysis in European brown hare (*Lepus europaeus*) proposes genetic and functional differentiation between the distinct lineages. *Mitochondrial DNA* (in press) (I. F. = 1.760)
10. 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. (I. F. = 1.609)
11. Sarri C. A., Markantoni M., Stamatis C., Papa A., Tsakris A., Pervanidou D., Baka A., Politis C., Billinis C., Hadjichristidoulou C., **Mamuris Z.**; MALWEST project (2016) Genetic contribution of MHC class II genes in susceptibility to West Nile Virus infection. *PLoS ONE* (in press) (I. F. = 3.057).
12. Sarri C. A., Roussaki-Schulze A., Vasilopoulos Y., Zafiriou E., Patsatsi A., Stamatis C., Gidarokosta P., Sotiriadis D., Sarafidou Th., **Mamuris Z.** (2016) Netherton syndrome: A Genotype-Phenotype Review. *Molecular Diagnosis & Therapy* (in press) (I. F. = 2.602).
13. Amoutzias G.D., Giannoulis Th., Moutou K. A., Psarra A.-M. G., Stamatis C., Tsipourlianos 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* (in press)
14. Sarri C.A., Markantoni M., Hadjichristidoulou C., **Mamuris Z.**, the MALWEST Project (2016) Identification of the novel HLA-DRB1\*11:192 allele by sequence-based typing in Greece. *HLA* (in press) (I. F. = 2.137).
15. Sarri C.A., Markantoni M., Hadjichristodoulou C., **Mamuris Z.**, the MALWEST Project (2016) Complete exon 2 sequence of the HLA-DPA1\*03:01 allele by sequence-based typing. *HLA* (in press) (I. F. = 2.137).
16. 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 $\alpha$  inhibitors. *The Pharmacogenomics Journal* (in press) (I. F. = 5.134).
17. 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
18. 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 (I. F. = 4.446)
19. 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* (in press) (I. F. = 2.09)
  20. Chatziioannidis I., Babatseva E., Patsatsi A., Sarri C., Galli-Tsinopoulou A., Lithoxopoulou M., Mitsiakos G., Karagianni P., Tsakalidis C., **Mamuris Z.**, Nikolaidis N. (2015) "Netherton Syndrome in a neonate with possible Growth Hormone Deficiency and Transient Hyperaldosteronism. *Case Reports in Pediatrics* (in press)
  21. Georgiou S., Alami-Durante H., Power D., Sarropoulou E., **Mamuris Z.**, Moutou K. (2015) Rapid up- and down-regulations of myosin light chain 2 and myostatin mRNA expressions mark the changes from stratified hyperplasia to muscle fibre hypertrophy in gilthead sea bream (*Sparus aurata* L.) larvae. *Cell and Tissue Research* (in press) (I. F. = 3.33)
  22. Stamatis C., Sarri A. C., Moutou K. A., Argyrakoulis N., Galara I., Godosopoulos V., Kolovos M., Liakou C., Stasinou V., **Mamuris Z.** (2015) What do we think we eat? Single tracing method across food-stuffs of animal origin found in Greek market. *Food Research International* (in press) (I. F. = 3.05)
  23. Vasilopoulos Y., Sarri C., Zafiriou E., Patsatsi A., Stamatis C., Ntoumou E., Fassos I., Tsalta A., Karra A., Roussaki-Schulze A., Sotiriadis D., **Mamuris Z.**, Sarafidou Th. (2014) A pharmacogenetic study of ABCB1 polymorphisms and cyclosporine treatment response in patients with psoriasis in the Greek population. *The Pharmacogenomics Journal* (in press) (I. F. = 5.134)
  24. Georgiou S., Makridis P., Dimopoulos D., Power D. M., **Mamuris Z.**, Moutou K. A. (2014) Myosin light chain 2 isoforms in gilthead sea bream (*Sparus aurata* L.): molecular growth markers at early stages. *Aquaculture* 432:434-442 (I. F. = 2.009)
  25. Koutsogiannouli E. A., Moutou K. A., Stamatis C., [Walter L.](#), **Mamuris Z.** (2014) Genetic variation in the Major Histocompatibility Complex of the European brown hare (*Lepus europaeus*) across distinct phylogeographic areas. *Immunogenetics* 66:379-392 (I. F. = 2.934)
  26. Sarri C., Stamatis C., Sarafidou Th., Galara I, Godosopoulos V., Kolovos M., Liakou C., Tastsoglou S., **Mamuris Z.** (2014) A new set of 16S rRNA universal primers for identification of animal species. *Food Control* 43:35-41 (I. F. = 2.738)
  27. Giannoulis T., Dutrillaux A.-M., Touroult J., Sarri C., **Mamuris Z.**, Dutrillaux B. (2014) Chromosomal and genetic characterization of four Caribbean Prioninae (Coleoptera: Cerambycidae) species with notes on biogeography *Insecta Mundi* 0335:1-10.
  28. Villaca S., Torres Zachos F., Biossa D., Iacolina L., Kirschning J., Alves P.C., Paule L., Gortazar C., **Mamuris Z.**, Jedrzejewski W., Borowik T., Sidorovich V., Kusak J., Piatti P., Schley L., Apollonio M., Bertorelle G., Scandura M. (2014) Mitochondrial phylogeography of the European wild boar: the effect of climate on genetic diversity and spatial lineage sorting across Europe. *Journal of Biogeography* 41:987-998 (I. F. = 4.544)

29. Spyrou V., Stamatis C., Birtsas P., Psychas V., Manolakou K., Billinis C., **Mamuris Z.** (2013) Evidence for European brown hare syndrome virus introduction with translocated brown hares (*Lepus europaeus*): implications for management of restocking operations. *Wildlife Research* 40:545-551 (I. F. = 1.381)
30. Dutrillaux A.-M., **Mamuris Z.**, Dutrillaux B. (2013) Chromosome analyses challenge the taxonomic position of *Augosoma centaurus* Fabricius, 1775 (Coleoptera: Scarabaeidae: Dynastinae). [L'analyse chromosomique remet en cause la position taxonomique d'*Augosoma centaurus* Fabricius, 1775 (Coleoptera : Scarabaeidae : Dynastinae)]. *Zoosystema* 35(4):537-549 (I. F. = 0.696).
31. Iacovakis C., **Mamuris Z.**, Moutou K. A., Touloudi A., Hammer A. S., Valiakos G., Giannoulis T., Spyrou V., Athanasiou L. V., Kantere M., Asferg T., Giannakopoulos A., M. Salomonsen C., Bogdanos D., Birtsas P., Petrovska L., Hannant D., Billinis C. (2013) Polarisation of Major Histocompatibility Complex II host genotype with Pathogenesis of European Brown Hare Syndrome Virus. *PLoS One* 8 (9), e74360 (I. F. = 4.09).
32. Billinis C., Athanasiou L.V., Valiakos G., **Mamuris Z.**, Birtsas P., Spyrou V. (2013) Phylogenetic Analysis of Canine Distemper Viruses from Red Foxes, Greece. *Veterinary Record* 173:194 (I. F. = 1.248)
33. Sarafidou T., Stamatis C., Kalozoumi G., Spyrou V., Fthenakis GC., Billinis C., **Mamuris Z.** (2013) Toll like receptor 9 (*TLR9*) and Myeloid Differentiation primary response gene 88 (*MyD88*) polymorphisms in *Ovis aries*. *PLoS One* 8 (5), e63901 (I. F. = 4.09).
34. Frantz A. C., Zachos F. E., Kirschning J., Cellina S., Bertouille S., **Mamuris Z.**, Koutsogiannouli E. A., Burke T. (2013) Genetic evidence for introgression between domestic pigs and wild boars (*Sus scrofa*) in Belgium and Luxembourg – a comparative approach with multiple marker systems. *Biological Journal of the Linnean Society* 110:104-115 (I. F. = 2.193).
35. Vasilopoulos Y., Sourli F., Zafiriou E., Klimi E. Ioannou M. Koukoulis G., Simos G., **Mamuris Z.**, Roussaki-Schulze A. (2013) High Serum levels of HIF-1 alpha in psoriatic patients correlate with an over-expression of IL-6. *Cytokine* 62:38-39 (I. F. = 3.02).
36. Dutrillaux B., Chalumeau F., Dutrillaux A.-M., Giannoulis T., **Mamuris Z.** (2013) Séparation taxonomique en trois espèces au sein des populations de *Cyclocephala tridentata* Fabricius (Coleoptera: Scarabaeidae : Dynastinae), sur la base de critères génétiques, chromosomiques et géographiques. *Ann. soc. entomol. France (n.s.)* 49: 61-67.
37. Gkafas GA, Tsigenopoulos C, Magoulas A, Panagiotaki P, Vafidis D, **Mamuris Z**, Exadactylos A (2013) Population subdivision of saddled seabream *Oblada melanura* in the Aegean Sea revealed by genetic and morphometric analyses. *Aquatic Biology* 18:69-80.
38. Vasilopoulos Y., Sarafidou Th., Kotsa K., Papadimitriou M., Goutzelas Y., Stamatis C., Bagiatis V., Tsekmekidou X., Yovos J. G., **Mamuris Z.** (2012) VDR TaqI is associated with obesity in the Greek population. *Gene* 512:237-239.
39. Moutou K. A., Koutsogiannouli E., Stamatis C., Billinis Ch., Kalbe C., Scandura M., **Mamuris Z.** (2013) Domestication does not narrow MHC diversity in *Sus scrofa*. *Immunogenetics* 65: 195-209.
40. Margaritopoulos J. T., Voudouris C. Ch., Olivares J., Sauphanor B., **Mamuris Z.**, Tsitsipis J. A., Franck P. (2012) Dispersal ability in codling moth: mark–release–recapture experiments and kinship analysis *Agricultural and Forest Entomology* 14: 399–407
41. Koutsogiannouli E. A., Moutou K.A., Stamatis C., **Mamuris Z.** (2012) Analysis of MC1R genetic variation in *Lepus* species in Mediterranean refugia. *Mammalian Biology* 77: 428–433.
42. Vasilopoulos Y., Manolika M., Zafiriou E., Sarafidou T., Bagiatis V., [Krüger-Krasagaki S.](#), Tosca A., Patsatsi A. Sotiriadis D., **Mamuris Z.**, Roussaki-Schulze A. (2011) Pharmacogenetic analysis of TNF $\alpha$  and TNFRII polymorphisms and prediction of response to anti-TNF therapy in psoriasis patients in the Greek population. *Molecular Diagnosis & Therapy* 16: 29-34.

43. Giannoulis T., Dutrillaux A.-M., Stamatis C., Dutrillaux B., **Mamuris Z.** (2011) Cyclocephala (Coleoptera: Scarabaeidae: Dynastinae) evolution in Lesser West Indies indicates a Northward colonization by *C. tridentate*. *Bulletin of Entomological Research* 102: 325-332.
44. Giannoulis T., Dutrillaux A.-M., Lemonnier-Darcemont M., Darcemont C., Myrthianou E., Stamatis C., Dutrillaux B., **Mamuris Z.** (2011) Molecular phylogeny of European *Saga* (Orthoptera: Tettigoniidae): comparison with chromosomal data. *Bulletin of Insectology* 64: 263-267.
45. Voudouris C. Ch., Franck P., Sauphanor B., **Mamuris Z.**, Tsitsipis J. A. and Margaritopoulos J. T. (2012) Comparing the genetic structure of codling moth *Cydia pomonella* (L.) from Greece and France. Long distance gene-flow in a sedentary pest species. *Bulletin of Entomological Research* 102: 185-198.
46. Zifa E., Daniil Z., Skoumi E., Stavrou M., Papadimitriou K., Terzenidou M., Kostikas K., Gourgoulis K. I. and **Mamuris Z.** (2012). Mitochondrial genetic background plays a role in increasing risk to asthma. *Molecular Biology Reports* 39: 4697-4708.
47. Moutou K. A., **Mamuris Z.**, Firme T., Kontou M., Sarafidou Th., Stoumboudi M. Th.. (2011) Patterns of variability at the major histocompatibility class I and class II loci in populations of the endangered cyprinid *Ladigesocypris ghigii*. *Conservation Genetics* 12: 1159-1171.
48. Voudouris C., Sauphanor B., Franck P., Reyes M., **Mamuris Z.**, Tsitsipis J. A., Vontas J., Margaritopoulos J. (2011) Insecticide resistance status of the codling moth *Cydia pomonella* (Lepidoptera: Tortricidae) from Greece. *Pesticide Biochemistry and Physiology* 100: 229-238.
49. Vasilopoulos Y., Bagiatis V., Stamatopoulou D., Zisopoulos D., Alexiou I., Sarafidou T., Settas L., Sakkas L., **Mamuris Z.** (2011) Association of anti-CCP positivity and carriage of TNFR2 susceptibility variant with anti-TNF response in rheumatoid arthritis. *Clinical and Experimental Rheumatology* 29: 701-704.
50. Vasilopoulos Y., Sarafidou Th., Bagiatis V., Skriapa L., Goutzelas Y., Pervanidou P., Lazopoulou N., Chrousos G. P., **Mamuris Z.** (2011) Association between polymorphisms in MTHFR and APOA5 and metabolic syndrome in the Greek population. *Genetic Testing and Molecular Biomarkers* 15(9): 613-617 (I. F. = 0.427).
51. Apostolidis A. P., Gelia D., **Mamuris Z.** (2010) Genetic diversity within and among trout populations from Balkans and implications for their conservation. *Russian Journal of Genetics* 47: 1097-1102.
52. Giannoulis, T. Dutrillaux A.-M., Mamuris Z, Montreuil O., Stamatis C., Dutrillaux B. (2011) Evolution of European Cockchafer (Melolonthinae: Scarabaeidae: Coleoptera): a morphological, molecular and chromosomal study of intra- and interspecific variations. *Bulletin of Entomological Research* 101: 345-352.
53. Stamoulis P., Stamatis C., Sarafidou Th., **Mamuris Z.** (2010) Development and Application of Molecular Markers for Avian Meat Identification in Food Chain. *Food Control* 21: 1061-1065.
54. Koutsogiannouli E. A., Moutou K. A., Sarafidou T., Stamatis C., Spyrou V., **Mamuris Z.** (2009) Major histocompatibility complex variation at class II DQA locus in the brown hare (*Lepus europaeus*). *Molecular Ecology* 18: 4631-4649.
55. Apostolidis A. P., Moutou K. A., Stamatis C., **Mamuris Z.** (2009) Genetic structure of three marine fishes from the Gulf of Pagasitikos (Greece) based on Allozymes, RAPD, and mtDNA methods. *Biologia* 64: 1005-1010.
56. **Mamuris Z.**, Moutou K.A., Stamatis C., Sarafidou T., Suchentrunk F. (2010) Y DNA and Mitochondrial lineages in European and Asian populations of the brown hare (*Lepus europaeus*). *Mammalian Biology* 75: 233-242.
57. Stamatis C., Suchentrunk F, ..... **Mamuris.Z.** (2009) Phylogeography of the Brown hare, *Lepus europaeus*, in Europe: a legacy of southeastern Mediterranean refugia? *Journal of Biogeography* 36: 515-528.



58. Koutsogiannouli, E. A., Moutou, K. A., Sarafidou T., Stamatis, C., **Mamuris, Z.** (2008) Detection of hybrids between Wild Boars (*Sus scrofa scrofa*) and Domestic Pigs (*Sus scrofa f. domestica*) in Greece, using the PCR-RFLP method on Melanocortin-1 Receptor (*MC1R*) Mutations. *Mammalian Biology* 75: 69-73.
59. Zifa E., Theotokis P., Kaminari A., Maridaki H., Leze H., Petsiava E., **Mamuris Z.**, Stathopoulos C. (2008) Co-segregation of a novel G3337A mitochondrial ND1 mutation with two known tRNA mutations, tRNA<sup>Leu(CUN)</sup> A12308G and tRNA<sup>Thr</sup> C15946T, related to cardiomyopathy. *Mitochondrion* 8: 229-236.
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#### Other Publications

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#### Participation in collective publications

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*doi:10.1017/S1751731110002089*  
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](http://www.cost.esf.org/domains_actions/fa/Actions/Muscle_Growth_Muscle_Based_Foods)  
and <https://djfextranet.agrsci.dk/sites/costaction925/public/Pages/front.aspx>
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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](http://www.cost.esf.org/domains_actions/fa/Actions/Muscle_Growth_Muscle_Based_Foods)  
and <https://djfextranet.agrsci.dk/sites/costaction925/public/Pages/front.aspx>

## SUBMISSION OF DNA SEQUENCES IN GENE BANKS

More than 600 sequences submitted in Gene Banks

## REFEREE IN 50 SCIENTIFIC JOURNALS

*Heredity, Oceanologica Acta, Acta Theriologica, Marine and Freshwater Research, Israel Journal of Zoology, Molecular Ecology, BMC Ecology, Molecular Phylogenetics and Evolution, Journal of Mammalogy, Biological Conservation, Marine Biology, Israeli Journal of Ecology and Evolution, Aquatic Ecology, The Open Marine Biology Journal, Turkish Journal of Veterinary & Animal Sciences, Mammalian Biology, Journal of Crustacean Biology, BMC Biology, Marine Biology Research, Journal of Zoology, Environmental Biology of Fishes, Italian Journal of Zoology, European Journal of Wildlife Research, Small Ruminants Research, BMC Evolutionary Biology, African Journal of Biotechnology, Food Biotechnology, Biological Journal of the Linnean Society, World Rabbit Science, North-Western Journal of Zoology, Mammal Review, Plos One, Tropical Conservation Science, Journal of Allergy, Infection, Genetics and Evolution, Food Analytical Methods, Journal of Biological Research-Thessaloniki, Journal of Allergy, International Journal of Immunogenetics, Avian Biology Research, Annals of Animal Science, Journal of the Science of Food and Agriculture, Mitochondrial DNA, Journal of Forensic Science & Criminology, Dermatology case report, BMC genetics, Genes, Evidence-Based Complementary and Alternative Medicine*

**Member of the Editorial Board of:** *The Open Marine Biology Journal και Open Journal of Animal Sciences*

## ABSTRACTS AND CONFERENCE ATTENDANCE

1. Marcoulatos P., Koussidis G., **Mamuris Z.**, Velissariou V., Vamvakopoulos N.C. «Mapping interleukin enhancer binding factor 2 gene (ILF2) to human chromosome 1q by Polymerase Chain Reaction amplification of Human-Rodent somatic cell hybrid DNA templates». 2nd Balkan meeting on Human Genetics, Istanbul TURKEY 24-27 September 1996.
2. Kouretas D., **Mamuris Z.**, Stamatis K., Rondriguez-Burgos A., Tsamis V., Neofitou C. "Characterization of a DNA binding protein from mendole (*Spicara maena*) eggs that inhibits DNA replication and DNA acid precipitation". Πρακτικά Συνεδρίου, 6ου Πανελληνίου Συμποσίου Ωκεανογραφίας και Αλιείας, Χίος, 2000.
3. **Mamuris Z.**, Stamatis K., Sfougaris A. I., Suchentrunk F. "Comparison of the genetic diversity of brown hares from Greece, Bulgaria and Central Europe as assessed by mtDNA-RFLP analysis". European symposium on "The decline of the European hares: an interdisciplinary European research task" Berlin 18-22 April 2001.
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5. Stamatis C., Moutou K. A., Triantafyllidis A., **Mamuris Z.** "Genetic differentiation of Norway lobster (*Nephrops norvegicus*) populations as revealed by mitochondrial DNA analysis". European conference on "Life Histories and Management of Crustacean Fisheries" Coruna, Galicia, Spain, 8-12 October 2001.
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8. Moutou K. A., Panagiotaki P., **Mamuris Z.** "Growth performance and digestive enzyme activity in gilthead sea bream (*Sparus aurata*) reared at low and high salinity". 10<sup>th</sup> International Symposium on Nutrition & Feeding in Fish, 2-7 June 2002, Rhodes, Greece.
9. Suchentrunk, F., **Mamuris, Z.**, Stamatis C., Sfougaris, A.I., Giacometti, M., Haerer, G., Markov, G., Kasapidis, P., Magoulas, A., Kotoulas, G., Sert, H., Davidovic, M., Vukovic, M., Vapa, L., Tvrtkovic, N., Erdogan, A., Alves, P.C. «Postglacial colonization of central Europe by brown hares, *Lepus europaeus* – a phylogeographic approach. Invited oral presentation. Symposium: Phylogeography of European mammals». 2003, Brno.
10. Suchentrunk, F., **Mamuris, Z.**, Stamatis, C., Giacometti, M., Haehrer, G., «Bidirectional introgressive hybridization between Alpine mountain hares, *Lepus timidus varronis*, and brown hares, *L. europaeus*». (Invited oral presentation) Irish Hare Workshop, 5<sup>th</sup> November 2003.
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12. **Mamuris, Z.**, Suchentrunk, F., Stamatis, C., Sfougaris, A.I., Giacometti, M., Haerer, G., Sert, H., Davidovic, M., Vukovic, M., Vapa, L., Tvrtkovic, N., Erdogan A., Alves, P.C. (2004): Phylogeography of European brown hares (*Lepus europaeus*). 2nd World Lagomorph Conference, Vairão, Portugal, 26.-31.7.2004, abstract book p. 111.
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21. Psohiou E., Sarropoulou E., **Mamuris Z.**, Moutou K.A. (2006). Isolation and Characterization of chymotrypsinogen and trypsinogen from *Sparus aurata*: effects of growth hormone on zymogen expression and enzyme activity. 12<sup>th</sup> International Symposium on Nutrition and Feeding in Fish, 28 May - 1 June, Biarritz, France.
22. Kapetanios, N., Gkafas, G., Chatzipli, K., Dadali, O., Panagiotaki, P., **Mamuris, Z.**, Exadactylos, A. (2006). Morphological population structure of the saddled seabream, *Oblada melanura* L., in the Aegean and Ionian Seas. 3<sup>rd</sup> International Conference on Aquaculture, Fisheries Technology and Environmental Management, AquaMedit, Athens, Hellas, 6p.

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24. Koutsogiannouli E., Stamatis C., Moutou K. A., Sarafidou T., **Mamuris Z.** (2007) Major Histocompatibility Complex variation in European populations of brown hares (*Lepus europaeus*). 5<sup>th</sup> International Congress on the Wild Fauna, 22-27 September, Chalkidiki, Greece.
25. Spyrou V., Stamatis C., Goulas P., Birtsas P., **Mamuris Z.**, Billinis C. (2007). Phylogenetic analysis of European Brown Hare Syndrome isolates correlated with genetic variation in European populations of brown hare (*Lepus europaeus*). 5<sup>th</sup> International Congress on the Wild Fauna, 22-27 September, Chalkidiki, Greece.
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