

# COSTAS STAMATIS

## Curriculum Vitae

### PERSONAL DATA

Name: Costas Stamatis  
Date of Birth: 25 October 1974  
Nationality: Greek  
Current Position: Special Teaching Staff  
Work Address: Department of Biochemistry and Biotechnology  
University of Thessaly  
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### EDUCATION AND RESEARCH EXPERIENCE

- 1998** B.Sc from the School of Agriculture, Department of Animal and Plant Production, University of Thessaly, Greece.  
Final Mark: 7.29 (max 10.0)  
Thesis title: “Genetic analysis of *Mullus barbatus* populations applying the RAPD method”, Laboratory of Biology and Chemistry, Advisor: Prof. Z. Mamuris
- 2012** PhD student in the Biochemistry and Biotechnology Department, University of Thessaly, Greece  
Thesis title: “Study of the population genetic structure and phylogenesis of brown hare (*Lepus europaeus*) with the application of molecular methods”, Laboratory of Genetics, Evolutionary and Comparative Biology, Advisor: Prof. Z. Mamuris
- 2006-2014** Research Assistant in Laboratory of Genetics, Comparative and Evolutionary Biology, Department of Biochemistry and Biotechnology
- 2014-today** Special teaching Staff in Laboratory of Genetics, Comparative and Evolutionary Biology, Department of Biochemistry and Biotechnology. Participation in the organization and execution of the practical exercises of the courses: Introduction to Biology, Cell Biology and Genetics.

**Languages:** Greek (native), English (fluently)

## **TECHNICAL EXPERIENCE**

- Genomic and mitochondrial DNA extraction from different animal tissues, blood, hair, fish fins e.t.c
- PCR
- RFLP analysis
- Agarose and acrylamide electrophoresis
- Genotyping
- Population genetics statistical tools, *in silico* DNA analysis, data mining and evaluation using genomic databases

## **PEER-REVIEWED PUBLICATIONS**

1. MAMURIS Z., STAMATIS C., TRIANTAPHYLLIDIS C. (1999). «Intraspecific genetic variation of striped red mullet (*Mullus surmuletus*, L.) in the Mediterranean Sea assessed by allozyme and Random Amplified Polymorphic DNA (RAPD) analysis». *Heredity* 83: 30-38.

2. MAMURIS Z., STAMATIS C., BANI M., TRIANTAPHYLLIDIS C. (1999). «Taxonomic relationships between four species of the Mullidae family revealed by three genetic methods: allozymes, random amplified polymorphic DNA, and mitochondrial DNA» *Journal of Fish Biology* 55: 572-587.

3. KOURETAS D., MAMURIS Z., STAMATIS C., RONDRIGUEZ-BURGOS A., NEOFITOU C. (2001). “Isolation and characterization of protein from Mendole (*Spicara maena*) eggs that binds to DNA and inhibits its replication as well as its acid precipitation”. *In vivo* 15: 49-52.

4. MAMURIS Z., SFOUGARIS A. I., STAMATIS C. (2001). “Genetic structure of Greek brown hare (*Lepus europaeus*) populations as revealed by mtDNA RFLP-PCR analysis: implications for conserving genetic diversity”. *Biological Conservation* 101: 187-196.

5. MAMURIS Z., STAMATIS C., MOUTOU K., APOSTOLIDIS A. P., TRIANTAPHYLLIDIS C. (2001). “RFLP analysis of mitochondrial DNA to evaluate genetic variation in striped red mullet (*Mullus surmuletus*, L.), and red mullet (*Mullus barbatus*, L) populations”. *Marine Biotechnology* 3: 264-274.

6. MAMURIS Z., SFOUGARIS A. I., STAMATIS C., SHUCHENTRUNK F. (2002). “Assessment of genetic structure of Greek brown hare (*Lepus europaeus*) populations based on variation in Random Amplified Polymorphic DNA (RAPD)” *Biochemical Genetics* 40: 323-338.

7. SHUCHENTRUNK F., MAMURIS Z., SFOUGARIS A. I., STAMATIS C. (2003). “Biochemical genetic variability in brown hares (*Lepus europaeus*) from Greece” *Biochemical Genetics* 41: 127-140.

8. MARGARITOPOULOS J.T., BACANDRITSOS N., PEKAS A.N., STAMATIS C., MAMURIS Z., TSITSIPIS J.A. (2003) “Genetic variation of *Marchalina hellenica* (Hemiptera: Margarodidae) sampled from different hosts and localities in Greece” *Bulletin of Entomological Research* 93: 447-453.

9. PERDIKIS D.C., MARGARITOPOULOS J.T., STAMATIS C., MAMURIS Z., LYKOURESSIS J.A., TSITSIPIS J.A. PEKAS A. “Discrimination of the closely related biocontrol agents *Macrolophus melanotoma* (Hemiptera: Miridae) and *M. pygmaeus* using mitochondrial DNA analysis” *Bulletin of Entomological Research* 93: 507-514.

- 10. STAMATIS C., TRIANTAFYLLIDIS A., MOUTOU K. A., MAMURIS Z.** (2004) "Mitochondrial DNA variation in North East Atlantic and Mediterranean populations of Norway lobster, *Nephrops norvegicus*" *Molecular Ecology* 13: 1377-1390.
- 11. MAMURIS Z., STOUMBOUDI M. T., STAMATIS, C., BARBIERI R., MOUTOU K. A.** (2005) "Genetic variation of the endangered *Ladigesocypris ghigii* populations and its implications for conservation" *Freshwater Biology* 50: 1441-1453.
- 12. SUCHENTRUNK, F., MAMURIS Z., STAMATIS C., BEN SLIMEN H., HACKLÄNDER K., HAERER G., GIACOMETTI M.** (2005) Introgressive hybridization in wild living mountain hares (*L. timidus varronis*) and brown hares (*L. europaeus*) and morphological consequences *Mamm. Biol* 70: 39-40.
- 13. STAMATIS C., TRIANTAFYLLIDIS A., MOUTOU K. A., MAMURIS Z.** (2006) "Allozymic variation in Northeast Atlantic and Mediterranean populations of Norway lobster, *Nephrops norvegicus*" *ICES Journal of Marine Sciences* 63: 875-882.
- 14. SUCHENTRUNK F., BEN SLIMEN H., STAMATIS C., SERT H., SCANDURA M., APOLLONIO M., MAMURIS Z.** (2006) "Molecular approaches revealing prehistoric, historic, or recent translocations and introductions of hares (genus *Lepus*) by humans" *Human Evolution* 21: 151-165.
- 15. STAMATIS C., SUCHENTRUNK F., SERT H., TRIANTAPHYLLIDIS C., MAMURIS Z.** (2007) "Genetic evidence for survival of released captive-bred brown hares (*Lepus europaeus*) during restocking operations in Greece" *Oryx* 41: 548-551.
- 16. ZIFA E., GIANNOULI S., THEOTOKIS P., STAMATIS C., MAMURIS Z., STATHOPOULOS C.** (2007) "Mitochondrial tRNA mutations: clinical and functional perturbations" *RNA Biol.* 4(1):38-66.
- 17. BEN SLIMEN H., SUCHENTRUNK F., STAMATIS C., MAMURIS Z., SERT H., ALVES P. C., KRYGER U., SHAHIN A. B., BEN AMMAR ELGAAIED A.** (2008) "Population genetics of cape and brown hares (*Lepus capensis* and *L. europaeus*): a test of Petter's hypothesis of conspecificity" *Biochemichal Systematics and Ecology* 36: 22-39.
- 18. STAMATIS C., GIANNOULI S., SUCHENTRUNK F., SERT H., STATHOPOULOS C., MAMURIS Z.** (2008) Recruitment of mitochondrial tRNA genes as auxiliary molecular markers for linked functional genomic and genetic analyses: The paradigm of brown hare (*Lepus europaeus*). *Gene* 410: 154-164.
- 19. STRZAŁA T., STAMATIS C., KOSOWSKA B., MOSKA M., MARSZAŁEK-KRUK B., MAMURIS Z.** (2008). Genetic variability of the polish brown hare (*Lepus europaeus*) based on pcr-rflp mtdna analysis (preliminary results). *Electronic Journal of Polish Agricultural Universities (EJPAU)* 11(1), #13. Available Online: <http://www.ejpau.media.pl/volume11/issue1/abs-13.html>
- 20. 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.
- 21. 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* 64/5:1005-1010
- 22. E.A. KOUTSOGIANNOULI, K.A. MOUTOU, TH. SARAFIDOU, C. STAMATIS, V. SPYROU, Z. MAMURIS.** (2009) Major histocompatibility complex variation at class II DQA locus in the brown hare (*Lepus europaeus*). *Molecular Ecology* 18(22):4631-49
- 23. KOUTSOGIANNOULI, E. A., MOUTOU, K. A., SARAFIDOU T., STAMATIS, C., MAMURIS, Z.** (2010) 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 (1):69-73.

24. 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(3):233-242

25. 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.

26. GIANNOULIS T., DUTRILLAUX A-M., MAMURIS Z., MONTREUIL O., STAMATIS C., DUTRILLAUX B., (2011) Evolution of European cockchafers (Melolonthinae: Scarabaeidae: Coleoptera): a morphological, molecular and chromosomal study of intra- and inter-specific variations” *Bulletin of entomological research*. 101(3):345-52

27. 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.

28. GIANNOULIS T., DUTRILLAUX AM., STAMATIS C., DUTRILLAUX B., MAMURIS Z. (2012) Cyclocephala (Coleoptera: Scarabaeidae: Dynastinae) evolution in Lesser West Indies indicates a Northward colonization by *C. tridentata*. *Bull Entomol Res*. 102(3):325-32.

29. 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

30. MOUTOU K.A., KOUTSOGIANNOULI E.A., STAMATIS C., BILLINIS C., KALBE C., SCANDURA M., MAMURIS Z. (2013) Domestication does not narrow MHC diversity in *Sus scrofa*. *Immunogenetics*.

31. VASILOPOULOS Y., SARAFIDOU T., KOTSA K., PAPADIMITRIOU M., GOUTZELAS Y., STAMATIS C., BAGIATIS V., TSEKMEKIDOU X., YOVOS J.G., MAMURIS Z. (2013) *VDR* TaqI is associated with obesity in the Greek population. *Gene*. 512(2):237-9.

32. SARAFIDOU T., STAMATIS C., KALOZOUMI G., SPYROU V., FTHENAKIS G.C., BILLINIS C., MAMURIS Z. (2013) Toll like receptor 9 (TLR9) polymorphism G520R in sheep is associated with seropositivity for small ruminant lentivirus. *PLoS ONE* 8(5): e63901.

33. IACOVAKIS C., MAMURIS Z., MOUTOU K.A., TOULOUDI A., HAMMER A., VALIAKOS G., GIANNOULIS T., STAMATIS C., SPYROU V., ATHANASIOU L., KANTERE M., ASFERG T., GIANNAKOPOULOS A., SALOMONSEN C.M., 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.

34. 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(7) 545-551

35. SARRI C., STAMATIS C., SARAFIDOU T., I GALARA I., GODOPOULOS V., KOLOVOS M., LIAKOU C., TASTSOGLU S., MAMURIS Z. (2014) A new set of 16S rRNA universal primers for identification of animal species. *Food Control*. 43:35-41.
36. KOUTSOGIANNOULI E. A., MOUTOU K. A., WALTER L., STAMATIS C., MAMURIS Z. (2014) Genetic variation in the Major Histocompatibility Complex of the European brown hare (*Lepus europaeus*) across distinct phylogeographic areas. *Immunogenetics*: 66(6):379-92.
37. SARRI, C., STAMATIS, C., SARAFIDOU, TH., GALARA, I., GODOPOULOS, V., KOLOVOS, M., LIAKOU, C., TASTSOGLU, S., & MAMURIS Z. (2014). A new set of 16S rRNA universal primers for identification of animal species. *Food Control*, 43: 35-41
38. VASILOPOULOS Y., SARRI C., ZAFIRIOU E., PATSATSI A., STAMATIS C., NTOUMOU E., FASSOS I., TSALTA A., KARRA A., ROUSSAKI-SCHULZE A., SOTIRIADIS D., MAMURIS Z., SARAFIDOU T. (2014) A pharmacogenetic study of ABCB1 polymorphisms and cyclosporine treatment response in patients with psoriasis in the Greek population. *Pharmacogenomics J.* 14: 523-525
39. STAMATIS C., SARRI C. A., MOUTOU K. A., ARGYRAKOULIS N., GALARA I., GODOPOULOS V., KOLOVOS M., LIAKOU C., STASINO 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*, 69: 151–155
40. AMOUTZIAS G.D., GIANNOULIS T., MOUTOU K. A., PSARRA A-M.G., STAMATIS C., TSIPOURLIANOS A., MAMURIS Z. (2016) SNP identification through transcriptome analysis of the European brown hare (*Lepus europaeus*): cellular energetics and mother's curse. *PLoS ONE* 11(7): e0159939
41. SARRI CA, MARKANTONI M, STAMATIS C, PAPA A, TSAKRIS A, PERVANIDOU D, et al. (2016) Genetic contribution of MHC class II genes in susceptibility to west Nile virus infection *PLoS One*.(11):e0165952. doi:10.1371/journal.pone.0165952
42. KOUTSOGIANNOULI EA, MOUTOU KA, STAMATIS C, MAMURIS Z. (2016) MHC class II DRB1 and DQA2 gene polymorphisms in four indigenous breeds of sheep (*Ovis aries*). *Mammalian Biology-Zeitschrift für Säugetierkunde* 81 (6), 628-636
43. SARRI CA, ROUSSAKI-SCHULZE A, VASILOPOULOS Y, ZAFIRIOU E, PATSATSI A, STAMATIS C, et al. (2017) Netherton Syndrome: A Genotype-Phenotype Review. *Molecular diagnosis & therapy*, 21(2), pp. 137-152
44. GOUTZELAS Y, KOTSA K, VASILOPOULOS Y, TSEKMEKIDOU X, STAMATIS C, et al. (2017) Association analysis of FTO gene polymorphisms with obesity in Greek adults. *Gene* 613, 10-13
45. 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, pp. 54-56
46. GIANNOULIS T, STAMATIS C, TSIPOURLIANOS A, MAMURIS, Z. (2018) Mitogenomic analysis in European brown hare (*Lepus europaeus*) proposes genetic and functional differentiation between the distinct lineages. *Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis* 29(3), pp. 353-360
47. GIANNOULIS T, PLAGERAS D, STAMATIS C, CHATZIVAGIA E, TSIPOURLIANOS A, BIRTSAS P, BILLINIS C, 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, Vol. 19:1

## **ABSTRACTS AND CONFERENCE ATTENDANCE**

1. 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". 6<sup>th</sup> Panhellenic Conference of Fishery and Oceanography, Chios, Greece 2000.

2. 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.

3. **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.

4. MAMURIS, Z., SFOUGARIS, A.I., **STAMATIS, C.** SUCHENTRUNK, F. (2001): Genetic diversity of Brown hares from Greece, Bulgaria and Central Europe as assessed by mtDNA-RFLP analysis. XXVth IUGB Congress, Lemesos, Cyprus, Sept. 3-7, 2001. Abstracts volume, p.113.

5. MAMURIS Z., **STAMATIS C.**, SFOUGARIS A.I., GIACOMETTI M., HAERER G., VUKOVIC M., SERT H., TVRTKOVIC N., SUCHENTRUNK F. "Mitochondrial DNA diversity of central European Brown hares (*Lepus europaeus*): A legacy of Late Glacial Mediterranean refugia?" INTERNATIONAL SYMPOSIUM Phylogeography in Southern European Refugia: Evolutionary Perspectives on the Origins and Conservation of European Biodiversity 11-15 March 2002 Vairão, Portugal.

6. 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.

7. 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.

8. MAMURIS, Z., SUCHENTRUNK, F., **STAMATIS, C.** "Phylogeography of European brown hares, *Lepus europaeus*". (Invited oral presentation) Irish Hare Workshop, 5<sup>th</sup> November 2003.

9. 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.

10. SUCHENTRUNK, F., MAMURIS, Z., **STAMATIS, C.**, BEN SLIMEN, H., HACKLÄNDER, K., HAERER, G., GIACOMETTI, M. (2004): Bilateral introgressive hybridization in wild living mountain hares (*Lepus timidus varronis*) and brown hares (*L. europaeus*) from Switzerland. 2nd World Lagomorph Conference, 26-31 July 2004, Vairão, Portugal, abstract book p.26.

11. MAMURIS, Z., STOUMBOUDI M. TH., **STAMATIS C.**, BARBIERI R., MOUTOU K. A. (2004): Genetic Variation of the Endangered *Ladigesocypris ghigii* Populations revealed by the RAPD-PCR Technique and the RFLP Analysis of PCR Amplified mtDNA Segments: Implementation to Species Conservation. XI EUROPEAN CONGRESS OF ICHTHYOLOGY. September 6-10, 2004 Tallin, Estonia.

12. MAMURIS Z., **STAMATIS C.**, SUCHENTRUNK F. (2005). Polymorphism of the MHC Class II DQA gene in Greek brown hare (*Lepus europaeus*). IUGB 2005 - XXVIIth Congress of the International Union of Game Biologists Hannover, Germany

13. **STAMATIS, C.**, SUCHENTRUNK, F., MAMURIS, Z. (2005). Genetic evidence for survival of released captive-bred brown hares (*Lepus europaeus*) during restocking operations in Greece. IV International Symposium on Wild Fauna, Vysoke Tatry National Park, Tatranska Lomnica, Slovakia, September 4-9, 2005.

14. MAMURIS Z., **STAMATIS C.**, BILLINIS C., SUCHENTRUNK F. (2005). Polymorphism of the MHC Class II DRB gene in Greek brown hare (*Lepus europaeus*). IV International Symposium on Wild Fauna, Vysoke Tatry National Park, Tatranska Lomnica, Slovakia, September 4-9, 2005.

15. MAMURIS Z., **STAMATIS C.**, SUCHENTRUNK F., MOUTOU K. A. (2006). Polymorphism of the MHC class II DQA gene in brown hares (*Lepus europaeus*) from Europe, Turkey and Israel. 1st European Congress of Conservation Biology, Eger, Hungary, August 22-26.

16. **STAMATIS C.**, SUCHENTRUNK F., MAMURIS Z. (2006). Genetic evidence for survival of released captive-bred brown hares (*Lepus europaeus*) during restocking operations in Greece. 1st European Congress of Conservation Biology, Eger, Hungary, August 22-26.

17. 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.

18. 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.

19. KOUTSOGIANNOULI E. A., K. A. MOUTOU, T. SARAFIDOU, **C. STAMATIS**, V. SPYROU, MAMURIS Z. (2009) Major histocompatibility complex variation at class II DQA locus in the brown hare (*Lepus europaeus*). European Science Foundation (ESF) ConGen conference in Trondheim, 23-26 May.

20. MOUTOU K. A., FIRME T., **STAMATIS C.**, STOUMBOUDI M. TH., MAMURIS Z. (2009) Genetic variation of the MHC in endangered *Ladigesocypris*

ghigii populations and its implications for conservation. European Science Foundation (ESF) ConGen conference in Trondheim, 23-26 May.

21. SUCHENTRUNK, F., MAMURIS, Z., **STAMATIS, C.**, BEN SLIMEN H., HACKLÄNDER, K., HAERER, G., AND GIACOMETTI, M. (2005): Introgressive hybridization in wild living mountain hares (*L. timidus varronis*) and brown hares (*L. europaeus*) and morphological consequences. *Mammalian Biology* 70, suppl. 1, 39- 40.

22. BEN SLIMEN, H., SCHAPPELWEIN, S., SERT, H., **STAMATIS, C.**, MAMURIS, Z., SUCHENTRUNK, F. (2006). Microsatellite diversity in brown hares (*Lepus europaeus*) from a mitochondrial introgression zone. Congress of the German Mammal Society, Kiel, Germany, September 2006, *Mammalian Biology* 71 (suppl.), 8.

23. SUCHENTRUNK, F., BEN SLIMEN, H., **STAMATIS, C.**, MAMURIS, Z. (2007): Bayesian analysis of microsatellite variation in brown hares (*Lepus europaeus*) from Greece. German Society of Mammalogy, 81st Annual Meeting, Lodz, Polen, 23.-26.09.2007, p. 12-13.

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*). 5th 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*). 5th International Congress on the Wild Fauna, 22-27 September, Chalkidiki, Greece.

26. KOUTSOGIANNOULI E. A., K. A. MOUTOU, T. SARAFIDOU, **C. STAMATIS**, V. SPYROU, MAMURIS Z. (2009) Major histocompatibility complex variation at class II DQA locus in the brown hare (*Lepus europaeus*). European Science Foundation (ESF) ConGen conference in Trondheim, 23-26 May.

27. SUCHENTRUNK, F., MAMURIS, Z., **STAMATIS, C.**, BEN SLIMEN H., HACKLÄNDER, K., HAERER, G., AND GIACOMETTI, M. (2005): Introgressive hybridization in wild living mountain hares (*L. timidus varronis*) and brown hares (*L. europaeus*) and morphological consequences. *Mammalian Biology* 70, suppl. 1, 39- 40.

28. BEN SLIMEN, H., SCHAPPELWEIN, S., SERT, H., **STAMATIS, C.**, MAMURIS, Z., SUCHENTRUNK, F. (2006). Microsatellite diversity in brown hares (*Lepus europaeus*) from a mitochondrial introgression zone. Congress of the German Mammal Society, Kiel, Germany, September 2006, *Mammalian Biology* 71:8.

29. SUCHENTRUNK, F., BEN SLIMEN, H., **STAMATIS, C.**, MAMURIS, Z. (2007): Bayesian analysis of microsatellite variation in brown hares (*Lepus europaeus*) from Greece. German Society of Mammalogy, 81st Annual Meeting, Lodz, Polen, 23.-26.09.2007, p. 12-13.

30. KOUTSOGIANNOULI E., **STAMATIS C.**, MOUTOU K. A., SARAFIDOU T., MAMURIS Z. (2007) Major Histocompatibility Complex variation in European populations of brown hares (*Lepus europaeus*). 5th International Congress on the Wild Fauna, 22-27 September, Chalkidiki, Greece.

31. 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*). 5th International Congress on the Wild Fauna, 22-27 September, Chalkidiki, Greece.

32. KOUTSOGIANNOULI E. A., K. A. MOUTOU, T. SARAFIDOU, **C. STAMATIS**, V. SPYROU, MAMURIS Z. (2009) Major histocompatibility complex



variation at class II DQA locus in the brown hare (*Lepus europaeus*). European Science Foundation (ESF) ConGen conference in Trondheim, 23-26 May.

32. MOUTOU K. A., FIRME T., **STAMATIS C.**, STOUMBOUDI M. TH., MAMURIS Z. (2009) Genetic variation of the MHC in endangered *Ladigesocypris ghigii* populations and its implications for conservation. European Science Foundation (ESF) ConGen conference in Trondheim, 23- 26 May.

33. MAMURIS Z., KOUTSOGIANNOULI A. E, MOUTOU A. K., SARAFIDOU TH., **STAMATIS C**, SPYROU V. (2009) Major histocompatibility complex (MHC) genetic variation in the brown hare and comparison with different molecular markers. 11th ICZEGAR International Congress on the Zoogeography, Ecology and Evolution of Eastern Mediterranean. Irakleion, Crete, 21-26 September.

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## **SUBMITTED SEQUENCES IN GENBANK**

### **DQ469642-DQ469710**

**Stamatis C.**, Suchentrunk F., Giacometti M., Haerer G., Davidovic M., Vapa L., Vukovic M., Tvrtkovic N., Sert H., Mamuris Z.

*Lepus europaeus* haplotypes, D-loop, partial sequences mitochondrial

### **EF515857-EF515858**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus europaeus* haplotype tRNA<sup>Pro</sup> mitochondrial sequence

### **EF515859-EF515860**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus europaeus* haplotype tRNA<sup>Thr</sup> mitochondrial sequence

### **EF515861**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus timidus* (Swiss) haplotypes, D-loop, partial sequences mitochondrial

### **EF515862**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus timidus* (Ural) haplotypes, D-loop, partial sequences mitochondrial

### **EF515863**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus capensis* haplotypes, D-loop, partial sequences mitochondrial

### **EF515864**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus capensis* haplotypes, D-loop, partial sequences mitochondrial

### **EF515865**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus granatensis* haplotypes, D-loop, partial sequences mitochondrial

### **EF515866**

**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.

*Lepus granatensis* haplotypes, D-loop, partial sequences mitochondrial  
**EF515867**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus corsicanus* haplotypes, D-loop, partial sequences mitochondrial  
**EF515868**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus castroviejoy* haplotypes, D-loop, partial sequences mitochondrial  
**EF515869**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus saxatilis* haplotypes, D-loop, partial sequences mitochondrial  
**EF515870**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Oryctolagus cuniculus* haplotypes, D-loop, partial sequences mitochondrial  
**EU285246**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus timidus* (Swiss) haplotypes, Cytb, partial sequences mitochondrial  
**EU285247**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus timidus* (Ural) haplotypes, Cytb, partial sequences mitochondrial  
**EU285248**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus capensis* haplotypes, Cytb, partial sequences mitochondrial  
**EU285249**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus capensis* haplotypes, Cytb, partial sequences mitochondrial  
**EU2852450**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus granatensis* haplotypes, Cytb, partial sequences mitochondrial  
**EU285251**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus granatensis* haplotypes, Cytb, partial sequences mitochondrial  
**EU285252**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus corsicanus* haplotypes, Cytb, partial sequences mitochondrial  
**EU285253**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus castroviejoy* haplotypes, Cytb, partial sequences mitochondrial  
**EU285254**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus saxatilis* haplotypes, Cytb, partial sequences mitochondrial  
**EU285255**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Oryctolagus cuniculus* haplotypes, Cytb, partial sequences mitochondrial  
**EU285256-EU285261**  
**Stamatis C.**, Giannouli S., Suchentrunk F., Sert H., Stathopoulos C., Mamuris Z.  
*Lepus europaeus* haplotypes, Cytb, partial sequences mitochondrial  
**EU876909- EU876945**  
Koutsogiannouli E.A., Moutou K.A., Sarafidou Th., **Stamatis C.**, Spyrou V., Mamuris Z.  
Major histocompatibility complex at class II DQA locus in the brown hare (*Lepus europaeus*)  
**EU939323-EU939379**  
Mamuris Z., Moutou K. A., **Stamatis C.**, Sarafidou T., Suchentrunk F.  
*Lepus europaeus* haplotypes, Cytb, partial sequences mitochondrial  
**EU939380-EU939382**  
Mamuris Z., Moutou K. A., **Stamatis C.**, Sarafidou T., Suchentrunk F.  
*Lepus* sp. DBY intron 8 sequences

**EU939383-EU939385**

Mamuris Z., Moutou K. A., **Stamatis C.**, Sarafidou T., Suchentrunk F.

*Lepus* sp. SRY sequences

**HM008962-HM008972**

Koutsogiannouli E.A., Moutou K.A. **Stamatis C.**, Mamuris Z.

Major histocompatibility complex at class II DRB and DQA loci in *Sus scrofa*

**HM452330-HM452337, HQ005374-HQ005377**

Koutsogiannouli E.A., Moutou K.A., **Stamatis C.**, Suchentrunk F., Mamuris Z.

*MC1R* genetic variation in *Lepus*

**HQ717163-HQ717174**

Giannoulis Th., Dutrillaux A-M., **Stamatis C.**, Mamuris Z.

Phylogeny of European Saga (Orthoptera: Tettigoniidae): a dual genetic and cytogenetic approach.

**HM120751-HM120760**

Giannoulis T., Dutrillaux A-M., Mamuris Z., Montreuil O., **Stamatis C.**, Dutrillaux B.

Evolution of European Cockchafers

**JF309340- JF309364**

Giannoulis Th., Dutrillaux A-M., **Stamatis C.**, Dutrillaux B., Mamuris Z.

*Cyclocephala* (Coleoptera: Scarabaeidae: Dynastinae) evolution in Lesser West Indies follows a Northward direction.

**KU234585-KU234624**

Margaritopoulou,V., Moutou,K.A., Stamatis,C., Keramidioti,Z.,Billinis,C., Giannakopoulos,A., Birtsas,P. and Mamuris,Z. Analysis of *MC1R* genetic variation in Anseriformes species

**KU250057-KU250134**

Giannoulis,T., Amoutzias,G., Moutou,K.A., Psarra,A.M., **Stamatis,C.**, Tsipourlianos,A. Mamuris,Z SNP identification through transcriptome analysis of the European brown hare (*Lepus europaeus*)