
CURRICULUM VITAE
ATHANASIOS C. PAPPAS

ATHENS

2020

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1 PERSONAL INFORMATION

SURNAME: **Pappas**

NAME: **Athanasios**

FATHER'S NAME: Christoforos

DATE OF BIRTH: 05 September 1976

BIRTHPLACE: Ioannina

NATIONALITY: Greek

NATIONAL SERVICE: 15/2/2006 – 15/2/2007

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SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=8643947000>

QUALIFICATIONS AND EXPERIENCE

2 DEGREES/ POSTDOCTORAL STUDIES

- 1 Postdoctoral Researcher with funding from the Greek State Scholarship Foundation (IKY).

Research conducted at Department of Nutritional Physiology and Feeding, Faculty of Animal Science and Aquaculture, Agricultural University of Athens

Title of Research: “Effect of selenium supplementation of broilers feed on expression of selenoproteins in tissues”

- 2 PhD

University of Glasgow, Institute of Biomedical and Life Sciences, Scotland

PhD Title: “Supplementation of broiler breeder diets with selenium and polyunsaturated fatty acids affects the egg, the embryo and the growing chick”

Graduation: 30-04-2006

Recognized by the Hellenic National Academic Recognition and Information Center

Thesis is available by the University of Glasgow at

<https://eleanor.lib.gla.ac.uk/record=b2284965>

Level 8 in the European Qualifications Framework (EQF)

- 3 Bachelor by the Agricultural University of Athens, Faculty of Animal Science

Title of Dissertation: «Breeding of Geese: Literature Review- Alternative Management»

Graduated: 26-03-2002

3 PROFESSIONAL EXPERIENCE

Current:

Position: Assistant Professor in Animal Nutrition with Emphasis in Poultry Nutrition, Department of Animal Science, School of Animal Biosciences, Agricultural University of Athens

Duration: 6/2016 – Present

Previous:

1. Agricultural University of Athens

Lecturer, Department of Nutritional Physiology and Feeding, Faculty of Animal Science and Aquaculture, Agricultural University of Athens.

Duration: 6/2010 –5/2016

2. Agricultural University of Athens

Lecturer with contract, Department of Nutritional Physiology and Feeding, Faculty of Animal Science and Aquaculture, Agricultural University of Athens.

Duration: 1-2008 –5-2010

3. National Organization for the Certification of Qualifications and Vocational Guidance

Teacher with remuneration for modules “Biology and Ecology of Wild Animals and Birds” and «Game management» at Public Vocational Training Institutes.

Duration: 2-2008 –5-2010

4. Department of Nutritional Physiology and Feeding, Agricultural University of Athens

Research Fellow

Duration: 4-2007 –12-2007

4 TEACHING EXPERIENCE

Current

Department of Animal Science, School of Animal Biosciences, Agricultural University of Athens

- 1 Undergraduate course “**Animal Nutrition**” (theory and laboratory exercises)
- 2 Undergraduate course “**Monogastrics Nutrition**” (theory and laboratory exercises)
- 3 Undergraduate course “**Management of Specialized Farms**” (theory)
- 4 Undergraduate course “**Animal Production-Environment**” (theory)
- 5 Courses at **Postgraduate Master’s Program** entitled “Entrepreneurship and Consulting in Rural Development” (2014 onwards).
- 6 Teaching to **Erasmus** Students

Course and teacher evaluation system of Agricultural University of Athens: the average mark was higher than 4 out of 5.

Previous

- 1 Courses at Postgraduate Master’s Program entitled “Livestock Production Systems” at the Agricultural University of Athens (2011-2014)
- 2 Courses of “Animal Nutrition” and “Nutrition of Monogastric Animals” at the Agricultural University of Athens

Duration: 1-2008 – 5-2010

- 3 Scottish Agricultural Collage (UK)

“Poultry Metabolic Disorders” to Higher National Diploma (HND) students of the Scottish Agricultural College, UK. All lectures complied with the standards of the Scottish Qualifications Authority

Duration: 3-2005 – 6-2005

4 Scottish Agricultural Collage (UK)

“Egg and Meat Production Systems” to Master of Science (MSc) students of the Scottish Agricultural College, UK. All lectures complied with the standards of the Scottish Qualifications Authority

Duration: 1-2005 – 3-2005

5. LECTURE NOTES

- 1 Lecture notes/handouts for undergraduate courses “Animal Nutrition”
- 2 Lecture notes/handouts for undergraduate courses “Nutrition of Monogastric Animals.”
- 3 Lecture notes/handouts for undergraduate courses “Management of specialized farms”.
- 4 Lecture notes/handouts for undergraduate courses “Animal Husbandry and the Environment”.
- 5 Lecture notes/handouts for postgraduate courses “Entrepreneurship and Consulting in Rural Development”.

Part of notes are in electronic format in Agricultural University of Athens eCLASS (<https://openeclass.aua.gr/>)

- 6 Lecture notes on “Poultry Metabolic Disorders” to Higher National Diploma (HND) students of the Scottish Agricultural College, UK
- 7 Lecture notes on “Egg and Meat Production Systems” MSc students of the Scottish Agricultural College, UK

6. MEMBER OF EXAMINATION COMMITTEES

1. Supervision of students and examination of dissertations and theses

- Undergraduate Level: 70 students
in 30 as supervisor and in 40 as a member of the examination committee
- Master's Level: 7 students
in 2 as supervisor and in 5 as a member of the examination committee
- PhD Level: 9 students
in 1 as supervisor and in 8 as a member of the examination committee

2. Internship

A number of students (11) conducted their traineeship done via “Atlas” a centralized online service which interconnects companies and provides internship positions with all academic institutions in Greece.

7. SCHOLARSHIPS, DISTINCTIONS AND AWARDS

- 1 Postdoctoral scholarship by the Greek State Foundation (IKY) (2008)
- 2 Invitation to speak at a workshop about Selenium in Prague, Czech Republic (2008)
- 3 Invited speaker at a Feed Industry's Symposium in USA. The presentation was entitled: "Omega-3 fatty acids in broiler breeder diets: fad or future?" (2007).
- 4 Invitation to speak at a workshop about Selenium in Stamford, UK (2007)
- 5 Award by the British Branch of World's Poultry Science Association (WPSA) for the Best Oral Presentation at the Annual Branch Meeting (2005)
- 6 Invitation and Travel Support to attend a Feed Industry's Annual Symposium, in USA (2005)
- 7 Invitation to the XXII World's Poultry Congress, Turkey as well as to the post-conference Youth Program (2004)
- 8 Travel grant to the XXII World's Poultry Congress by the British Branch of the WPSA (2004)
- 9 Support of PhD studies from the Poultrers Charitable Trust, UK (2003)
- 10 Scholarship from the Greek State Scholarship Foundation (IKY) to conduct PhD studies abroad (2002)

8. RESEARCH INTERESTS

The primary interest is animal nutrition with focus on poultry nutrition.

Specific topics of current research include but not limited to: antioxidant system in animal body with emphasis on antioxidant-pro-oxidant balance, the role of selenoproteins, selenium in free living animals, selenium sources for animals and humans, supplemental sources of selenium, interactions between selenium and other trace elements, “heavy” metals, toxicity, the role of maternal nutrition on antioxidant defense of developing offspring, the role of antioxidants on egg and meat quality, trace element intake per capita, carotenoids and interactions with other members of the antioxidant system, metabolic fates of yolk lipid and individual fatty acids during embryonic development, organo-selenium compounds and fatty acids, polyunsaturated fatty acids, hatchability and egg quality during storage, mycotoxins and binders, magnesium bioavailability, additives in animal nutrition, rare elements and elemental fingerprint.

9. COORDINATION AND PARTICIPATION IN RESEARCH PROJECTS

1. Coordinator of the research program entitled: “Evaluation of an alternative protein source in broilers nutrition”, 8 months duration (10/2016 - 6/2017), Industry funded
2. Coordinator of the research program entitled: “Evaluation of the EU exceptional measures in the poultry and egg sector”, 8 months duration (3/2011 - 10/2011), overseas funding. Report is available online at the website of European Union

https://ec.europa.eu/info/food-farming-fisheries/key-policies/common-agricultural-policy/cmef/products-and-markets/exceptional-market-support-measures-poultry-and-egg-sector_en
3. Participation in the research team of the program entitled: LIFE project (LIFE15 ENV/GR/000257) - Food for Feed: An Innovative Process for Transforming Hotels’ Food Wastes into Animal Feed (<https://life-f4f.gr/>). The work package conducted at the Agricultural University of Athens is supervised by Emeritus Professor George Zervas, 5 years duration (11/2016 - 11/2021).
4. Participation in the research team of the program entitled: “Acid whey from yogurt: Turning an environmental burden into innovative added value end products” conducted under the Operational Program “Competitiveness, Entrepreneurship & Innovation” (EPAnEK). The work package conducted at the Agricultural University of Athens is supervised by Professor Ioannis Politis
5. Participation in action: «Broiler Farming» of program «New Agriculture for a New Generation – Recharging Youth to revitalize the Agriculture and Food Sector of the Greek Economy». Action coordinated by Assistant Professor M. Goliomytis and funded by Stavros Niarchos Foundation
6. Participation in the research team of the program entitled: “Next destination Balkans: Agricultural landscapes development (LANDS)” funded by European Commission- EACEA-Erasmus+ coordinated by Emeritus Professor Nikolaos Emmanouil

7. Deputy Academic Advisor of project “Innovative nanomaterials in animal nutrition. Evaluation of the effect of selenium nanoparticles on meat quality” conducted under the action “Supporting researchers with emphasis on young researchers”, Partnership Agreement, ESPA 2014-2020, with Academic Advisor Associate Professor George Papadomichelakis
8. Participation in the research team of the program entitled: “Matrix value validations for selected feed enzymes in broilers”, 16 months duration (9/2015 - 12/2016), Industry funded coordinated by Associate Professor K. Mountzouris
9. Participation in the research team of the program entitled: “Mg bioavailability of four MgO, products in sheep”, 9 months duration (6/2014 - 2/2015), Industry funded, coordinated by Associate Professor E. Tsiplakou
10. Participation in the research team of the program entitled: “Effects of Innolive product on biochemical parameters and performance of broilers”, 7 months duration (4/2015 - 10/2015), Industry funded, coordinated by Professor G. Zervas
11. Participation as an evaluator of research proposals at the research program entitled “Innovation and Entrepreneurship – Exploitation of Research in the Agricultural University of Athens”, 24 months duration (12/2013 - 11/2015), , coordinated by Associate Professor S. Rozakis and as researcher of the proposal “Production of functional foods: effect of antioxidant’s dietary supplementation on the quality of the produced meat”
12. Participation in the research team of the program entitled: Evaluation of alfalfa (*Medicago sativa*) genetic material to determine the best cultivation and processing conditions to produce quality products”, 35 months duration, (11/2012 - 9/2015), ESPA funded, coordinated by Associate Professor I. Hadjigeorgiou
13. Participation in the research team of the program entitled: “Evaluation of mycotoxin binders for poultry”, 23 months duration (2/2012 - 12/2013), Industry funded, coordinated by Professor G. Zervas

14. Participation in the research team of the program entitled: “Safety and tolerance of attapulgate in broilers”, 11 months duration (9/2008 - 7/2009), Industry funded, coordinated by Professor G. Zervas
15. Participation in DEFRA (Department for Environment, Food & Rural Affairs, UK) funded Laying Hen Depopulation Project and visited around 20 laying farms of different production systems (cages, enriched cages, barn, free range) (2005)

10. FOREIGN LANGUAGES

- 1 English: Very Fluent
- 2 French: Good (Holder of Certificate by the French Institute in Greece)
- 3 Greek: Very Fluent (First Language)

11. SKILLS AND EXPERIENCE

Additional skills and experience

- 1 Certificate by the Institute of Biology, UK for accredited training for personnel working under the Animals Scientific Procedures Act (2003)
- 2 Holder of Personal License granted by the Secretary of State (Home Office, UK) to perform specified procedures to protected animals (2003-2005)
- 3 Certification of Health and Safety Training by Scottish Agricultural College (SAC) (2003)

12. IT (INFORMATION TECHNOLOGY) KNOWLEDGE

- 1 R language
- 2 Full literacy of software packages and capability of utilization of multimedia

- 3 Holder of European Computer Driving License (2007)
- 4 Certification of Basic IT Competence by the University of Glasgow, UK (2004)
- 5 Knowledge of computer programming. Studied the operating systems from MS-DOS 3.3 and onwards as well as Office applications

13. MEMBER OF PROFESSIONAL SOCIETIES

- 1 Member of the European Federation of Animal Science (EAAP, since 2017)
- 2 Member of the EFSA's (European Food Safety Authority) expert database (2011-2017)
- 3 Member of the Hellenic Society of Animal Production (since 2007)
- 4 Member of the Hellenic Ornithological Society (since 2007)
- 5 Member of the Geotechnical Chamber of Greece (since 2006)
- 6 Member of the International Carotenoid Society (2004-2015)
- 7 Member of the Greek Branch of World's Poultry Science Association and ex member of the UK Branch (2003-2007)

14. PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. ZOIDIS, E., **PAPPAS, A.C.**, AL-WAELI A., GEORGIOU, C.A., DANEZIS, G.P. DEMIRIS, N., ZERVAS, G. & FEGEROS, K. (2020). Effects of selenium and zinc supplementation on cadmium toxicity in broilers. *Turkish Journal of Veterinary and Animal Sciences* **44**: 331-336
2. GEORGANAS, A., GIAMOURI, E., **PAPPAS, A.C.***, PAPADOMICHELAKIS, G., GALLIOU, F., MANIOS, T., TSIPLAKOU, E., FEGEROS, K. & ZERVAS, G. (2020) Bioactive compounds in food waste: a review on the transformation of food waste to animal feed. *Foods* 2020, 9, 291; doi:10.3390/foods9030291
3. DANEZIS, G.P., **PAPPAS, A.C.**, TSIPLAKOU, E., PAPPAS, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A.S., PAPACHRISTIDIS, C.A., SOTIRAKOGLOU, K., ZERVAS, G. & GEORGIOU, C.A. (2020) Authentication of Greek Protected Designation of Origin cheeses through elemental metabolomics. *International Dairy Journal* **104**: 104599
4. DANEZIS, G.P., TSIPLAKOU, E., PAPPAS, E.C., **PAPPAS, A.C.***, MAVROMMATIS, A., SOTIRAKOGLOU, K., GEORGIOU, C.A. & ZERVAS, G. (2020) Fatty acid profile and physicochemical properties of Greek protected designation of origin cheeses, implications for authentication. *European Food Research and Technology* **246**:1741-1753
5. **PAPPAS, A.C.***, TSIPLAKOU, E., PAPADOMICHELAKIS, G., MITSIOPOULOU, C., SOTIRAKOGLOU, K., MPEKELIS, V., HAROUTOUNIAN, S.A., FEGEROS, K. & ZERVAS, G. (2019) Effects of olive pulp addition to broiler diets on performance, selected biochemical parameters and antioxidant enzymes. *Journal of the Hellenic Veterinary Medical Society* **70**: 1687-1696.
6. **PAPPAS, A.C.***, ZOIDIS, E., GOLIOMYTIS, M., SIMITZIS, P.E.*, SOTIRAKOGLOU, K., CHARISMIADOU, M.A., NIKITAS, C., DANEZIS, G., DELIGEORGIS, S.G., & GEORGIOU C.A. (2019) Elemental

Metabolomics: Modulation of egg metallome with flavonoids, an exploratory study. *Antioxidants* 2019, 8, 361; doi:10.3390/antiox8090361

7. SEREMELIS, I., DANEZIS, G.P. **PAPPAS, A.C.**, ZOIDIS, E., FEGEROS K. (2019) Avian stress-related transcriptome and selenotranscriptome: role during exposure to heavy metals and heat stress *Antioxidants* 2019, 8, 216; doi:10.3390/antiox8070216
8. **PAPPAS, A.C.**, ZOIDIS, E., THEODOROU, G., & CHADIO, S.E. (2019) Maternal selenium and developmental programming. *Antioxidants* 2019, 8, 145; doi:10.3390/antiox8050145
9. ZOIDIS, E., PAPADOMICHELAKIS, G., **PAPPAS, A.C.**, THEODOROU, G., & FEGEROS, K. (2019) Effects of selenium and cadmium on breast muscle fatty-acid composition and gene expression of liver antioxidant proteins in broilers. *Antioxidants* 2019, 8, 147; doi:10.3390/antiox8050147
10. PAPADOMICHELAKIS, G., **PAPPAS, A.C.**, ZOIDIS, E., DANEZIS, G., GEORGIOU, C.A. & FEGEROS, K. (2019) Blood and hair as non-invasive trace element biological indicators in growing rabbits. *World Rabbit Science*, **27**: 21–30
11. DANEZIS, G.P., ZOIDIS, E., ZHANG, P., **PAPPAS, A.C.**, TSAGKARIS, A.S., PAPACHRISTIDIS, C.A., PAPADOMICHELAKIS, G., HADJIGEORGIOU, I. & GEORGIOU, C.A. (2019) Tissue distribution of rare earth elements in wild, commercial and backyard rabbits *Meat Science*, **153**: 45–50
12. PAPADOMICHELAKIS, G., **PAPPAS, A.C.**, TSIPLAKOU, E., SYMEON, G.K., SOTIRAKOGLU, K., MPEKELIS, V., FEGEROS, K. & ZERVAS, G. (2019) Effects of dietary dried olive pulp inclusion on growth performance and meat quality of broiler chickens. *Livestock Science*, **221**: 115–122
13. PAPADOMICHELAKIS, G., ZOIDIS, E., **PAPPAS, A.C.**, DANEZIS, G., GEORGIOU, C.A. & FEGEROS, K. (2018) Dietary organic selenium addition and accumulation of toxic and essential trace elements in liver and meat of growing rabbits. *Meat Science*, **145**: 383–388

14. **PAPPAS, A.C.**, KOTSAMPASI, B.M. KALAMARAS, K., FEGEROS, K., ZERVAS, G., KALOGIANNIS, D., & CHADIO, S.E. (2017) Effects of concomitant selenium and vitamin E administration on thyroid hormone metabolism in broilers. *Journal of the Hellenic Veterinary Medical Society* **68**: 355-362
15. DANEZIS, G.P., **PAPPAS, A.C.**, ZOIDIS, E., PAPADOMICHELAKIS, G., HADJIGEORGIOU, I., ZHANG, P., BRUSIC, V., & GEORGIOU, C.A. (2017) Game meat authentication through rare earth elements fingerprinting. *Analytica Chimica Acta*, **991**: 46-57
16. BONTINIS, T.G., PAPPA, E.C., SOTIRAKOGLU, K., **PAPPAS, A.C.**, TSIPLAKOU E., & ZERVAS, G. (2017) Monitoring of selected milk quality parameters during lactation of a Mediterranean dairy sheep breed. *Large Animal Review*, **23**: 185-188
17. TSIPLAKOU, E., **PAPPAS, A.C.**, MITSIOPOULOU, C., GEORGIADOU, M., GEORGIOU, C.A., & ZERVAS, G. (2017) Evaluation of different types of calcined magnesites as feed supplement in small ruminant. *Small Ruminant Research*, **149**: 188–195
18. PAPADOMICHELAKIS, G., ZOIDIS, E., **PAPPAS, A.C.**, & HADJIGEORGIOU I. (2017) Seasonal variations in the fatty acid composition of Greek wild rabbit meat. *Meat Science*, **134**: 158–162
19. PAPADOMICHELAKIS, G., ZOIDIS, E., **PAPPAS, A.C.**, MOUNTZOURIS, K., & FEGEROS, K. (2017) Effects of increasing dietary organic selenium levels on meat fatty acid composition and oxidative stability in growing rabbits. *Meat Science*, **131**: 132–138
20. **PAPPAS, A.C.***, TSIPLAKOU, E., TSITSIGIANNIS, D.I., GEORGIADOU, M., ILIADI, M.K., SOTIRAKOGLU, K., & ZERVAS, G. (2016) The role of bentonite binders in single or concomitant mycotoxin contamination of chicken diets. *British Poultry Science* **55**: 551–558
21. PAPPA, E.C., SAMELIS, J. KONDYLI, E., & **PAPPAS, A.C.** (2016) Characterisation of Urda whey cheese: Evolution of main biochemical and

microbiological parameters during ripening and vacuum packaged cold storage. *International Dairy Journal* **58**: 54–57

22. PAPADOMICHELAKIS, G., **PAPPAS, A.C.**, ZOIDIS, E., MOUNTZOURIS, K.C., & FEGEROS, K. (2015) Impact of feeding increasing crude glycerine levels on growth performance, glycerine kinase gene expression, nutrient digestibility and litter quality in broiler chickens. *Livestock Science*, **181**: 89–95
23. CHADIO, S.E., **PAPPAS, A.C.**, PAPANASTASATOS, A., PANTELIA, D., DARDAMANI, A., FEGEROS, K., & ZERVAS, G. (2015). Effects of high selenium and fat supplementation on growth performance and thyroid hormones concentration of broilers. *Journal of Trace Elements in Medicine and Biology*, **29**: 202–207
24. **PAPPAS, A.C.***, TSIPLAKOU, E., GEORGIADOU, M., ANAGNOSTOPOULOS, C., MARKOGLU, A.N., LIAPIS, K., & ZERVAS, G. (2014). Bentonite binders in the presence of mycotoxins: Results of *in vitro* preliminary tests and an *in vivo* broiler trial. *Applied. Clay Science* **99**: 48–53
25. ZOIDIS, E., DEMIRIS, N., KOMINAKIS, A., & **PAPPAS, A.C** (2014) Meta-analysis of selenium accumulation and expression of antioxidant enzymes in chicken tissues. *Animal* **8**: 542-554
26. AL-WAELI, A., ZOIDIS, E., **PAPPAS, A.C.**, DEMIRIS, N., ZERVAS G., & FEGEROS K. (2013) The role of organic selenium in cadmium toxicity: Effects on broiler performance and health status. *Animal* **7**: 386-393
27. AL-WAELI, A., **PAPPAS, A.C.***, ZOIDIS, E., GEORGIU, A., FEGEROS K., & ZERVAS G., (2012) The role of selenium in cadmium toxicity: Interactions with essential and toxic elements. *British Poultry Science* **53**: 817-827
28. **PAPPAS, A.C.***, ZOIDIS, E., PAPADOMICHELAKIS, G., & FEGEROS, K. (2012) Supranutritional selenium level affects fatty acid composition and oxidative stability of chicken breast muscle tissue. *Journal of Animal Physiology and Animal Nutrition*, **96**: 385-394

29. **PAPPAS, A.C.***, MOUNTZOURIS, K. C., FEGEROS, K. & ZERVAS, G. (2011) Effects of essential oils and benzoic acid on broiler performance and gut microflora. *Animal Science Review*, **41**: 55-64
30. **PAPPAS, A.C.***, ZOIDIS, E., GEORGIU, C.A., DEMIRIS, N., SURAI, P.F., & FEGEROS, K. (2011) Influence of organic selenium supplementation on the accumulation of toxic and essential trace elements involved in the antioxidant system of chicken. *Food Additives & Contaminants, Part A*, **28**: 446-454
31. **PAPPAS, A.C.***, ZOIDIS, E., THEOPHILOU, N., ZERVAS, G., & FEGEROS, K. (2010) Effects of palygorskite on broiler performance, feed technological characteristics and litter quality. *Applied Clay Science*, **49**: 276-280
32. PIRGOZLIEV, V., KARADAS, F., **PAPPAS, A.C.**, ACAMOVIC, T., & BEDFORD, M.R. (2010) The effect on performance, energy metabolism and hepatic carotenoid content when phytase supplemented diets were fed to broiler chickens *Research in Veterinary Science*, **89**: 203-205
33. KARADAS, F., PIRGOZLIEV, V., **PAPPAS, A.C.**, ACAMOVIC, T., & BEDFORD, M.R. (2010) Effects of different dietary phytase activities on the concentration of antioxidants in the liver of growing broilers *Journal of Animal Physiology and Animal Nutrition*, **94**: 519-526
34. ZOIDIS, E., **PAPPAS, A.C.**, GEORGIU, C.A., KOMAITIS, E., & FEGGEROS, K. (2010) Selenium affects the expression of GPx4 and catalase in the liver of chicken. *Comparative Biochemistry and Physiology, - Part B: Biochemistry & Molecular Biology*, **155**: 294-300
35. **PAPPAS, A.C.***, ZOIDIS, E., SURAI, P.F. & ZERVAS, G. (2008) Selenoproteins and maternal nutrition. *Comparative Biochemistry and Physiology, - Part B: Biochemistry & Molecular Biology*, **151**: 361-372
36. ÖZDEMİR, H.S., KARADAS, F., **PAPPAS, A. C.**, CASSEY, P., OTO, G., & TUNCER, O. (2008) The selenium levels of mothers and their neonates using hair, breast milk, meconium, and maternal and umbilical cord blood in Van Basin. *Biological Trace Element Research*, **122**: 206-215

37. DVORSKA, J.E., **PAPPAS, A. C.**, KARADAS, F., SPEAKE, B.K., & SURAI, P.F (2007) Protective effect of modified glucomannans and organic selenium against antioxidant depletion in the chicken liver due to T-2 toxin-contaminated feed consumption. *Comparative Biochemistry and Physiology, - Part C: Toxicology & Pharmacology*, **145**: 582-587
38. **PAPPAS, A.C.**, KARADAS, F., WOOD, N.A.R., & SPEAKE, B.K. (2007) Metabolic fates of yolk lipid and individual fatty acids during embryonic development of the coot and moorhen. *Comparative Biochemistry and Physiology, - Part B: Biochemistry & Molecular Biology*, **147** : 102-109
39. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2006) Effects of supplementing broiler breeder diets with organoselenium compounds and polyunsaturated fatty acids on hatchability. *Poultry Science*, **85**: 1584-1593
40. **PAPPAS, A.C.**, ACAMOVIC, T., SURAI, P.F., & MCDEVITT, R.M. (2006) Maternal organo-selenium compounds and polyunsaturated fatty acids affect progeny performance and levels of selenium and docosahexaenoic acid in the chick tissues. *Poultry Science*, **85**: 1610-1620
41. **PAPPAS, A.C.**, KARADAS, F., SURAI, P.F., WOOD, N.A.R., CASSEY, P., BORTOLOTTI, G.R., & SPEAKE, B.K. (2006) Interspecies variation in yolk selenium concentrations among eggs of free-living birds: The effect of phylogeny. *Journal of Trace Elements in Medicine and Biology*, **20**: 155-160
42. PAPPA, E.C., **PAPPAS, A.C.**, & SURAI, P.F. (2006) Selenium content in selected foods from the Greek market and estimation of the daily intake. *Science of The Total Environment*, **372**: 100-108
43. SURAI, P.F., KARADAS, F., **PAPPAS, A.C.**, & SPARKS, N.H.C. (2006) Effect of organic selenium in quail diet on its accumulation in tissues and transfer to the progeny. *British Poultry Science*, **47**: 65-72
44. EWEN, J.G., THOROGOOD, R., KARADAS, F., **PAPPAS, A.C.**, & SURAI, P.F. (2006) Influences of carotenoid supplementation on the integrated antioxidant system of a free living endangered passerine, the hihi (*Notiomystis*

cincta). *Comparative Biochemistry and Physiology, - Part A: Molecular & Integrative Physiology*, **143**: 149-154

45. **PAPPAS, A.C.***, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) Effects of supplementing broiler breeder diets with organic selenium and polyunsaturated fatty acids on egg quality during storage. *Poultry Science*, **84**: 865-874
46. **PAPPAS, A. C.**, KARADAS, F., SURAI, P.F., & SPEAKE, B.K. (2005) The selenium intake of the female chicken influences the selenium status of her progeny. *Comparative Biochemistry and Physiology, - Part B: Biochemistry & Molecular Biology*, **142**: 465-474
47. KARADAS, F., **PAPPAS, A.C.**, SURAI, P.F., & SPEAKE, B.K. (2005) Embryonic development within carotenoid-enriched eggs influences the post-hatch carotenoid status of the chicken. *Comparative Biochemistry and Physiology, - Part B: Biochemistry & Molecular Biology*, **141**: 244-251

* Corresponding author

15. BOOKS AND BOOK CHAPTERS

- 1 **PAPPAS, A.C.**, GODLEWSKA, K. & SURAI, P.F. (2018) Dietary food and feed supplements with trace elements. **In:** CHOJNACKA, K. & SAEID, A. (Eds.), Recent Advances in Trace Elements, John Wiley & Sons Ltd. UK, pp. 421-441
- 2 **PAPPAS, A.C.** & ZOIDIS, E. (2012) The role of selenium in chicken physiology: New insights. **In:** KAPUR, I., & MEHRA, A. (Eds.), Chickens: Physiology, Diseases and Farming Practices, Nova Science Publishers, New York, USA, pp. 51-69
- 3 ZOIDIS, E., & **PAPPAS, A.C.** (2012) The health effects of selenoproteins. **In:** AOMORI, C. & HOKKAIDO, M. (Eds.), Selenium: Sources, Functions and Health Effects, Nova Science Publishers, New York, USA, pp. 1-32
- 4 **PAPPAS, A.C.**, ZOIDIS, E., FEGEROS, K., SURAI, P.F. & ZERVAS, G. (2010) Cadmium toxicity and the antioxidant system. Nova Science Publishers, New York, USA (Book)
- 5 SURAI, P.F., **PAPPAS, A.C.**, KARADAS, F. PAPAZYAN, T.T. & FISININ, V.I. (2010) Selenium enigma: Health implications of an inadequate supply. **In:** DEMEESTER, F., ZIBADI, S., WATSON, R.R. (Eds.), Modern dietary fat intakes in disease promotion, Springer Science+Business Media, Berlin, Germany, pp. 379-403
- 6 **PAPPAS, A.C.**, ZOIDIS, E., FEGEROS, K., SURAI, P.F. & ZERVAS, G. (2010) Relation of cadmium to other elements and the antioxidant system. **In:** PARVAU, P.G. (Ed.), Cadmium in the Environment, Nova Science Publishers, New York, USA, pp. 263-295
- 7 **PAPPAS, A.C.** & SPEAKE, B.K. (2008) Selenium and polyunsaturated fatty acids. **In:** SURAI, P.F., & TAYLOR-PICKARD, J.A.(Eds.), Current advances in selenium research and applications, Volume 1, Wageningen Academic Publishers, Wageningen, Holland, pp. 187-208

16. CONFERENCE PROCEEDINGS

1. GIAMOURI, E., PAPADOMICHELAKIS, G., **PAPPAS, A.C.**, TSIPLAKOU, E., SOTIRAKOGLOU, K., FEGEROS, K. & ZERVAS, G (2019) Effects of adding Hotel leftovers to pig diet on performance and meat quality *Proceedings of the 34th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **49**:70-71 (Volos, Greece-In Greek)
2. GIAMOURI, E., **PAPPAS, A.C.**, PAPADOMICHELAKIS, G., TSIPLAKOU, E., SOTIRAKOGLOU, K., FEGEROS, K. & ZERVAS, G (2019) Effects of adding Hotel leftovers to broiler diet on performance *Proceedings of the 34th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **49**:68-69 (Volos, Greece-In Greek)
3. DANEZIS, G.P., **PAPPAS, A.C.**, TSIPLAKOU, E., PAPPA, E.C., MAVROMMATIS, A., ZACHARIOUDAKI, M., TSAGKARIS, A. S., PAPACHRISTIDIS, C.A., SOTIRAKOGLOU, K., ZERVAS G., & GEORGIOU C.A. (2018) Authentication of Greek PDO cheeses through data fusion of elemental, fatty acid profile and physicochemical properties. *Proceedings of the Athens Conference on Advances in Chemistry, (ACAC-2018)* (Athens, Greece)
4. DANEZIS, G.P., **PAPPAS, A.C.**, TSIPLAKOU, E., PAPPA, E.C., MAVROMMATIS, A., ZACHARIOUDAKI, M., TSAGKARIS, A.S., PAPACHRISTIDIS, C.A., SOTIRAKOGLOU, K., ZERVAS, G., & GEORGIOU C.A. (2018) Fusion of elemental and fatty acid profile for authentication of Greek PDO and traditional cheeses. *Proceedings of the 11th Aegean Analytical Chemistry Days (AACD2018)* (Chania, Greece)
5. DANEZIS, G. **PAPPAS, A.C.**, TSIPLAKOU, E., PAPPA, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A., SOTIRAKOGLOU, K., ZERVAS, G. & GEORGIOU C.A. (2018) Authentication of semi-hard and

hard Greek PDO cheeses through elemental fingerprinting. *Proceedings of the 7th National Conference of Metrology*, pp 99 (Athens, Greece-In Greek)

6. DANEZIS, G.P., **PAPPAS, A.C.**, TSAGKARIS, A.S., TSIPLAKOU E., PAPPAS, E.C., ZACHARIOUDAKI, M., ZERVAS, G., & GEORGIU C.A. (2017) Greek PDO Feta authentication through elemental fingerprinting. *Proceedings of the 6th International Congress On Food Technology «Current Trends and Future Perspectives in the Food sector: From novel concepts to industrial applications»* (Athens, Greece)
7. PAPADOMICHELAKIS, G., TSIPLAKOU E., **PAPPAS, A.C.**, FEGEROS, K. & ZERVAS, G. (2017) Effects of adding olive cake to broiler diets on fatty acids and antioxidant capacity of meat. *Proceedings of the 30th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **46**:72-73 (Larissa, Greece-In Greek)
8. DANEZIS, G.P., TSAGKARIS, A.S., **PAPPAS, A.C.**, ZOIDIS, E., PAPADOMICHELAKIS, G. HADJIGEORGIOU, I.E. & GEORGIU C.A. (2017) Multi-element method validation for rare earths, precious metals and trace elements determination through ICP-MS in meat products *Proceedings of the 10th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications*, pp 263 (Heraklion, Greece)
9. DANEZIS, G.P., **PAPPAS, A.C.**, TSIPLAKOU E., PAPPAS, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A.S., SOTIRAKOGLU, K., ZERVAS, G., & GEORGIU C.A. (2017) Nutritional value and safety of Greek PDO cheeses through elemental metabolomics. *Proceedings of the 10th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications*, pp 264 (Heraklion, Greece)
10. DANEZIS, G.P., **PAPPAS, A.C.**, TSIPLAKOU E., PAPPAS, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A.S., SOTIRAKOGLU, K., ZERVAS, G., & GEORGIU C.A. (2017) Soft Greek PDO cheeses authentication and discrimination from possible imitations using elemental metabolomics. *Proceedings of the 10th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications*, pp 265 (Heraklion, Greece)

11. GEORGIOU C.A., BRUSIC, V., ZAHNG, P., DANEZIS, G., THEODOROU C., **PAPPAS, A.C.**, MASOURAS. T. PAPPA, E., & HADJIGEORGIOU I. (2016) Elemental Metabolomics: Definition, application in authentication of milk/products and source determination. *Scientific conference during the 4th Dairy Expo* (Athens, Greece -In Greek)
12. KARAISKOU, C., TSIPLAKOU, E., MITSIOPOULOU, C, **PAPPAS, A.C.**, SOTIRAKOGLOU, K. LAMBROU, N. & ZERVAS, G. (2016) Effects of sesame meal, vitamin E and Se addition to goat nutrition on antioxidant enzymes activity of milk and blood plasma. *Proceedings of the 31st Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **44**: 91-92 (Serres, Greece- In Greek)
13. DANEZIS, G. **PAPPAS, A.C.**, TSIPLAKOU, E., PAPPA, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A., SOTIRAKOGLOU, K., ZERVAS, G. & GEORGIOU C.A. (2016) Study of the elemental profile of Greek PDO cheeses. *Proceedings of the 31st Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **44**: 93-94 (Serres, Greece- In Greek)
14. MITSIOPOULOU, C., TSIPLAKOU, E., KARAISKOU, C., **PAPPAS, A.C.**, SOTIRAKOGLOU, K., & ZERVAS, G. (2016) Effects of sesame meal, vitamin E and Se addition on qualitative and quantitative characteristics of goat milk. *Proceedings of the 31st Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **44**: 99-100 (Serres, Greece- In Greek)
15. DANEZIS, G. **PAPPAS, A.C.**, PAPPA, E.C., ZACHARIOUDAKI, M., TSAGKARIS, A., PAPACHRISTIDIS, C., TSIPLAKOU, E., ZERVAS, G. & GEORGIOU C.A. (2016) Development and validation of a method for determination of rare earth, trace element and macroelements in cheeses. *Proceedings of the 6th National Conference of Metrology*, pp 107 (Athens, Greece- In Greek)
16. TSIPLAKOU, E., **PAPPAS, A.C.**, MITSIOPOULOU, C., GEORGIADOU, M., GEORGIOU, C.A. & ZERVAS, G. (2015) Determination of magnesium bioavailability in different types of Magnesia (MgO). *Proceedings of the 30th*

Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review **42**:71-72 (Giannitsa, Greece- In Greek)

17. **PAPPAS, A.C.**, TSIPLAKOU, E., SYMEON, G., BYTHOULKA, K., LYTOUDI K., BEKELIS, B., FEGEROS, K., & ZERVAS, G. (2015) Addition of an olive oil byproduct in broiler diet and investigation of organoleptic properties of carcass. *Proceedings of the 30th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **42**:85-86 (Giannitsa, Greece- In Greek)
18. DANEZIS, G., **PAPPAS, A.C.**, ZOIDIS, E., PAPACHRISTIDIS, C., VAVVAS, C., PAPADOMICHELAKIS, G., HADJIGEORGIOU, I., BRUSIC, V. & GEORGIOU C.A. (2015) Authentication of game meat through rare earth and trace element profile: The case of Limnos island wild rabbits. *Proceedings of the 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications*, pp 106 (Kalamata, Greece)
19. DANEZIS, G., TSAGKARIS, A., ZOIDIS, E., **PAPPAS, A.C.**, PAPACHRISTIDIS, C., VAVVAS, C., PAPADOMICHELAKIS, G., HADJIGEORGIOU, I., BRUSIC, V. & GEORGIOU C.A. (2015) Rare earth elements & actinides accumulation patterns in game meat, backyard & commercial rabbits. *Proceedings of the 9th International Conference on Instrumental Methods of Analysis: Modern Trends and Applications*, pp 107 (Kalamata, Greece)
20. DANEZIS, G. **PAPPAS, A.C.**, ZOIDIS, E., PAPACHRISTIDIS, C., VAVVAS, C., PAPADOMICHELAKIS, G., HADJIGEORGIOU, I., BRUSIC, V. & GEORGIOU C.A. (2015) Seasonal variation of rare earth and trace elements in game meat: Limnos wild rabbits. *Proceedings of the 29th EFFoST International Conference*, pp 1721 (Athens, Greece)
21. DANEZIS, G. **PAPPAS, A.C.**, DRIVELOS, S., PAPPA, E.C., ZACHARIOUDAKI, M., PAPACHRISTIDIS, C., TSAGKARIS, A., TSIPLAKOU, E., ZERVAS, G. & GEORGIOU C.A. (2015) Authentication of Greek PDO and traditional cheeses through rare earth and trace element profile

using chemometrics. *Proceedings of the 29th EFFoST International Conference*, pp. 1722 (Athens, Greece)

22. PAPPA, E.C., SAMELIS, J., KONDYLI, E. & **PAPPAS, A.C.** (2015) Traditional production method and main microbiological and biochemical characteristics of Urda cheese made from goat whey. *Proceedings of the 7th IDF International Symposium on sheep, goat and other non-cow milk*, pp 64 (Limassol, Cyprus)
23. DANEZIS, G., **PAPPAS, A.C.**, ZOIDIS, E., PAPADOMICHELAKIS, G., BABBAS, C., SPILIOTI, M., GEORGIU, C. & HADJIGEORGIOU, I. (2014) Investigation of quality characteristics of wild rabbits pray of Limnos island. *Proceedings of the 29th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **40**:42 (Kyparissia, Greece- In Greek)
24. ZOIDIS, E., PAPADOMICHELAKIS, G., SAFENBURGER-KATAFIGIOTIS, A., TERZI, D., GIASEMI, G., DANEZIS, G., GEORGIU, C. & **PAPPAS, A.C.** (2014) The role of organic selenium on quality of rabbit meat. *Proceedings of the 29th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **40**: 43-44 (Kyparissia, Greece- In Greek)
25. **PAPPAS, A.C.**, TSIPLAKOU, E., GEORGIADOU, M., ILIADI, M.K., TSITSIGIANNIS, D.I. & ZERVAS, G. (2014) Effect of binder addition to broiler's feed contaminated with mycotoxins on productive characteristics *Proceedings of the 29th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **40**: 74-75 (Kyparissia, Greece- In Greek)
26. **PAPPAS, A.C.**, ZOIDIS, E., KOYTINA, B., AL-WAELI, A., FEGEROS, K. & ZERVAS, G. (2012) The role of selenium in cadmium toxicity: Interactions with essential and toxic elements in broilers' tissues. *Proceedings of the 27th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review* **38**: 33-34 (Trikala, Greece- In Greek)
27. AL-WAELI, A., **PAPPAS, A.C.**, ZOIDIS, E., DEMIRIS, N., FEGEROS, K. & ZERVAS, G. (2011) Trace elements accumulation and interactions in broilers.

Proceedings of the 26th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review **37**: 62-63 (Chalkida, Greece- In Greek)

28. ZOIDIS, E., PAPADOMICHELAKIS, G., MOUNTZOURIS, K.C., **PAPPAS, A.C.**, ARVANITI, K. & FEGEROS, K. (2010) Dietary glycerol level effects on performance traits, glycerol kinase gene expression and gut microbiota in broilers. *Proceedings of the 61st Meeting of the European Association for Animal Production*, pp. 50 (Heraklion, Greece)
29. PAPADOMICHELAKIS, G., MOUNTZOURIS, K.C., ZOIDIS E., **PAPPAS A.C.**, ARVANITI K. & FEGEROS K. (2010) Effects of dietary glycerol addition on the intramuscular fatty acid composition in broilers. *Proceedings of the 61st Meeting of the European Association for Animal Production*, pp. 369 (Heraklion, Greece)
30. ZOIDIS, E., **PAPPAS, A.C.**, GEORGIU, C. & FEGEROS, K. (2009) Effects of selenium on broiler growth and expression of antioxidant enzymes. *Proceedings of the 25th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review*, 36:101-102 (Nafplio, Greece- In Greek)
31. **PAPPAS, A.C.** ZOIDIS, E., ZERVOU, A., THEOPHILOU, N., FEGEROS, K. & ZERVAS, G. (2009) Effects of attapulgit on productive performance of broilers characteristics. *Proceedings of the 25th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review*, **36**: 104-105 (Nafplio, Greece- In Greek)
32. ARVANITI, A., PAPADOMICHELAKIS, G., ZOIDIS, E., MOYNTZOYRIS, K., **PAPPAS A.C.** TSIROPOYLOY, K.E., & FEGEROS, K. (2009) Glycerol effects on broiler nutrition. *Proceedings of the 25th Annual Scientific Conference of the Hellenic Society of Animal Production, Special Issue of Animal Science Review*, **36**:106-107 (Nafplio, Greece- In Greek)
33. **PAPPAS, A.C.** ZOIDIS, E., SIAKANTARI, M., PAPADOMICHELAKIS, G. & ZERVAS, G. (2008) Effects of adding Se to broiler diets on productive and biochemical characteristics. *Proceedings of the 24th Annual Scientific*

34. **PAPPAS, A.C.** (2007) Omega-3 fatty acids in broiler breeder diets- fad or future? *Proceedings of the 23rd Alltech's Annual Symposium*, pp.163-167 (Lexington, Kentucky, USA)
35. SURAI, P.F., SPARKS, N.H.C., KARADAS, F., **PAPPAS, A.C.**, & SPEAKE, B.K. (2006) Selenium in poultry nutrition: from improvement of reproductive performance to functional food. *Proceedings of the 18th Australian Poultry Science Symposium*, pp. 190-197 (Sydney, Australia)
36. KARADAS, F., PIRGOZLIEV, V., **PAPPAS, A.C.**, ACAMOVIC, T., & BEDFORD, M.R. (2006) The effects of dietary phytase on the concentration of antioxidants including co-enzyme Q in the liver of growing broilers. *British Poultry Abstracts*, 2: 18-19
37. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) Supplementation of the maternal diet with selenium and polyunsaturated fatty acids affects the incorporation of selenium in the tissues of the progeny. *British Poultry Abstracts*, 1: 14-15
38. **PAPPAS, A.C.**, KARADAS, F., SPEAKE, B.K., SURAI, P.F., & SPARKS, N.H.C. (2005) Exposure of the chicken embryo *in ovo* to high selenium concentration affects the selenium status of the progeny. *British Poultry Abstracts*, 1: 56-57
39. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) Selenium incorporation in the tissues of broiler breeder hens. *British Poultry Abstracts*, 1: 57-58
40. **PAPPAS, A.C.**, ACAMOVIC, T., BERTIN, G., & SURAI, P.F. (2005) Deposition of selenium in breast and leg tissue of chicken fed diets with high inclusion rates of supplemental Se in the form of sodium selenite and Sel-Plex®. *British Poultry Abstracts*, 1: 58-60
41. **PAPPAS, A.C.**, KARADAS, F., SPEAKE, B.K., SURAI, P.F., & SPARKS, N.H.C. (2005) Detection and dietary manipulation of selenium in avian semen. *British Poultry Abstracts*, 1: 60-61

42. KARADAS, F., **PAPPAS, A.C.**, SURAI, P.F., SPEAKE, B.K., & SPARKS, N.H.C. (2005) Effect of carotenoid supplementation in maternal diet on retinol and tocopherol status of the progeny. *British Poultry Abstracts*, 1: 61-62
43. KARADAS, F., **PAPPAS, A.C.**, SURAI, P.F., SPEAKE, B.K., & SPARKS, N.H.C. (2005) Increase of selenium concentration in all parts of the egg as an effect of selenium supplementation in avian maternal nutrition. *Proceedings of the 21st Alltech's Annual Symposium (Suppl. 1)*, pp. 56 (Lexington, Kentucky, USA)
44. **PAPPAS, A.C.**, KARADAS, F., SPEAKE, B.K., SURAI, P.F., & SPARKS, N.H.C. (2005) The effect of selenium supplementation in avian maternal nutrition on selenium accumulation in the breast muscle tissue of progeny. *Proceedings of the 21st Alltech's Annual Symposium (Suppl. 1)*, pp.56 (Lexington, Kentucky, USA)
45. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) The effects of selenium and polyunsaturated fatty acid supplementation in the diet of pre-peak and peak production broiler breeders on embryonic mortality. *Proceedings of the 21st Alltech's Annual Symposium (Suppl. 1)*, pp. 57 (Lexington, Kentucky, USA)
46. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) The effects of selenium and polyunsaturated fatty acid supplementation in the diet of broiler breeders on docosahexaenoic acid level in the brain of the progeny. *Proceedings of the 21st Alltech's Annual Symposium (Suppl. 1)*, pp.57 (Lexington, Kentucky, USA)
47. **PAPPAS, A.C.**, ACAMOVIC, T., SPARKS, N.H.C., SURAI, P.F., & MCDEVITT, R.M. (2005) Supplementation of avian maternal nutrition with organo-selenium compounds and polyunsaturated fatty acids affects the embryonic mortality during incubation. *Proceedings of the 12th International Symposium of Trace Elements in Man and Animals (TEMA 12)* pp. 12 (Coleraine, Northern Ireland UK)
48. DVORSKA, J.E., **PAPPAS, A.C.**, & SURAI, P.F. (2005) Effect of organic selenium on T-2 toxicosis in chickens. *Proceedings of the 12th International*

Symposium of Trace Elements in Man and Animals (TEMA 12) pp. 54
(Coleraine, Northern Ireland UK)

49. **PAPPAS, A.C.**, KARADAS, F., SPEAKE, B.K., SURAI, P.F., & SPARKS, N.H.C. (2005) Supplementation of broiler breeder diet with organo-selenium compounds increases selenium concentration in the egg membranes and shell. *Proceedings of the 12th International Symposium of Trace Elements in Man and Animals (TEMA 12)* pp. 66 (Coleraine, Northern Ireland UK)
50. SURAI, P.F., **PAPPAS, A.C.**, KARADAS, F., SPEAKE, B.K., & SPARKS, N.H.C. (2005) Maternal selenium nutrition: Effects on egg and chick selenium status. *Abstracts of 2005 Poultry Science Association Annual Meeting*, pp. 87 (Auburn, Alabama, USA)
51. KARADAS, F., **PAPPAS, A.C.**, SURAI, P.F., & SPEAKE, B.K. (2005) The maternal effects of carotenoids (PX Agro) on the post-hatch status of carotenoid, vitamin E and coenzyme Q in the chicken. *Proceedings of the 14th International Symposium on Carotenoids* pp. 158 (Edinburgh, Scotland, UK)
52. **PAPPAS, A.C.**, ACAMOVIC, T., & MCDEVITT, R.M. (2004) The effects of selenium and PUFA in the diet of young broiler breeders on the viability and performance of their progeny. *Proceedings of the XXII World's Poultry Congress*, pp. 506 (Istanbul, Turkey, World's Poultry Science Association)
53. SURAI, P.F., KARADAS, F., **PAPPAS, A.C.**, VILLAYERDE, C., & SPARKS, N.H.C. (2004) Organic selenium in the quail diet increases Se concentration in eggshell. *Proceedings of the XXII World's Poultry Congress*, pp. 595 (Istanbul, Turkey, World's Poultry Science Association)
54. **PAPPAS, A.C.**, MCDEVITT, R.M., SURAI, P.F., ACAMOVIC, T., & SPARKS, N.H.C. (2004) Influence of dietary fatty acid profile on the assimilation of selenium in tissues and eggs of breeders and in the tissues of the day old broiler chick. *Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1)*, pp. 17 (Lexington, Kentucky, USA)
55. SURAI, P.F., KARADAS, F., **PAPPAS, A.C.**, & DVORSKA, J.E. (2004) Selenium distribution in the eggs of ISA brown commercial layers.

Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1), pp. 17
(Lexington, Kentucky, USA)

56. SURAI, P.F., KARADAS, F., **PAPPAS, A.C.**, VILLAYERDE, C., DVORSKA, J.E., & SPARKS, N.H.C. (2004) Effects of Sel-Plex® in diets fed quail on selenium concentration in eggshell. *Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1)*, pp. 20 (Lexington, Kentucky, USA)
57. KARADAS, F., SURAI, P.F., **PAPPAS, A.C.**, DVORSKA, J.E., & SPARKS, N.H.C. (2004) Effect of Sel-Plex® in the maternal diet on selenium concentration in tissues of newly hatched quail. *Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1)*, pp. 21 (Lexington, Kentucky, USA)
58. SURAI, P.F., KARADAS, F., **PAPPAS, A.C.**, & DVORSKA, J.E. (2004) Effect of organic selenium on its concentration in the perivitelline membrane. *Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1)*, pp. 22 (Lexington, Kentucky, USA)
59. DVORSKA, J.E., KARADAS, F., **PAPPAS, A.C.**, & SURAI, P.F. (2004) Effect of Mycosorb® and its combination with Sel-Plex® on T-2 toxicosis in chickens. *Proceedings of the 20th Alltech's Annual Symposium (Suppl. 1)*, pp. 98 (Lexington, Kentucky, USA)
60. **PAPPAS, A.C.**, MCDEVITT, R.M., SURAI, P.F., ACAMOVIC, T., & SPARKS, N.H.C. (2004) The effects of selenium and PUFA supplementation in the diet of young broiler breeders on the incorporation of selenium in the egg and the tissues of day old broiler chick. *British Poultry Science*, **45**(Sup 1): S26-S27
61. KARADAS, F., SURAI, P.F., **PAPPAS, A.C.**, VILLAYERDE, C., & SPARKS, N.H.C. (2004) Effect of organic selenium in the maternal diet on selenium concentration in tissues of newly hatched quail. *British Poultry Science*, **45** (Sup 1): S57-S58

17. REVIEWER IN INTERNATIONAL JOURNALS

Invited reviewer in the following journals

- 1 African Journal of Biotechnology
- 2 Annals of Animal Science
- 3 Animal
- 4 Animal Feed Science and Technology
- 5 Animal Science Journal
- 6 Animal Production Science
- 7 Asian-Australasian Journal of Animal Sciences
- 8 Applied Clay Science
- 9 Brazilian Journal of Poultry Science
- 10 British Journal of Nutrition
- 11 British Poultry Science
- 12 Biological Trace Element Research
- 13 Czech Journal of Animal Sciences
- 14 Ecotoxicology and Environmental Safety
- 15 Environmental Science and Pollution Research
- 16 Environmental Technology
- 17 Italian Journal of Animal Science
- 18 Journal of Animal Science
- 19 Journal of Animal Physiology and Animal Nutrition
- 20 Journal of Egyptian Public Health Association
- 21 Journal of the Science of Food and Agriculture
- 22 Journal of the Hellenic Veterinary Medical Society

- 23 Livestock Science
- 24 LWT- Food Science and Technology
- 25 Food Chemical Toxicology
- 26 Molecules
- 27 Plant Physiology and Biochemistry
- 28 Poultry Science
- 29 Royal Society of Chemistry Advances
- 30 The Journal of Poultry Science
- 31 Toxins
- 32 Turkish Journal of Veterinary and Animal Science
- 33 World's Poultry Science Journal
- 34 Επιθεώρηση Ζωοτεχνικής Επιστήμης (Greek)

18. POPULAR SCIENCE

1. Invited speaker at the Greek Club of Spanish Timbrado Canary about new insights on canary's nutrition, Athens (2015)

http://www.elit-timbrado.gr/multimedia/diatrofh_canary.html
2. Guiding of authors of bimonthly magazine "Estate and Garden" of newspaper "Kathimerini" in writing of popularized articles on poultry issues
 - Breeding of Partridge (Issue 17, September-October, 2014)
 - Breeding of Quail (Issue 16, July-August, 2014)
 - Breeding of Pheasant (Issue 15, June, 2014)
 - Breeding of Goose (Issue 14, April, 2014)
 - Breeding of Guinea Fowl (Issue 13, February-March, 2014)

19. ADMINISTRATIVE EXPERIENCE

Participation in the following administrative organs/committees of the Agricultural University of Athens

- Deputy Scientific Director of the Department regarding the Students' Internships
- Alternate member of the Board of Directors of the Center of Continuing Education and Lifelong Learning
- Member of the evaluation committee of teaching candidates based on law 407/80
- Member the Scholarships, Awards and Distinctions Committee of the Department
- Member of the Bioethics Committee of the Department (until 2019)
- Representative of the Department during external evaluation of the University (2016)
- Head of project evaluation committee according to Article 38 of the Directive 2010/63/EU of the European Parliament and of the Council on the protection of animals used for scientific purposes
- Head of the Department of Nutritional Physiology and Feeding for the management of the program called "ATLAS" regarding students' internship
- Substitute member of a committee regarding an international competition for the appointment of contractors for the upgrading of laboratory equipment at the Faculty of Animal Production and Aquaculture
- Member of a committee for the assignment, evaluation, monitoring and receipt of services and supplies of the Department of Nutritional Physiology and Feeding
- Member of committees regarding the supply of consumables, upgrade of instruments and the recruitment of personnel for the implementation needs of scientific projects

20. IMPACT FACTORS AND CITATIONS

Statistics and citations as provided by SCOPUS (www.scopus.com) updated until 7-2020.

Table 1. Statistics regarding the publications

Citations	1085
<i>h</i> -index	18

Table 2. Citations per publication and journal's Impact Factor

Journal	Impact Factor (Current)
<i>Analytica Chimica Acta</i>	5,977
<i>Animal</i>	2,400
<i>Antioxidants</i>	5,014
<i>Applied Clay Science</i>	4,605
<i>Biological Trace Element Research</i>	2,639
<i>British Poultry Science</i>	1,537
<i>Comparative Biochemistry and Physiology, - Part A</i>	1,966
<i>Comparative Biochemistry and Physiology, - Part B</i>	2,219
<i>Comparative Biochemistry and Physiology, - Part C</i>	2,892
<i>European Food Research and Technology</i>	2,366
<i>Food Additives & Contaminants, Part A</i>	2,340
<i>Foods</i>	4,092
<i>International Dairy Journal</i>	2,512
<i>Large Animal Review</i>	0,261
<i>Livestock Science</i>	1,700
<i>Journal of Animal Physiology and Animal Nutrition</i>	1,597
<i>Journal of Trace Elements in Medicine and Biology</i>	3,245
<i>Journal of the Hellenic Veterinary Medical Society</i>	0,327
<i>Meat Science</i>	3,644
<i>Poultry Science</i>	2,659
<i>Research in Veterinary Science</i>	1,892
<i>Science of The Total Environment</i>	6,551
<i>Small Ruminant Research</i>	1,273

<i>Turkish Journal of Veterinary and Animal Sciences</i>	0,552
<i>World Rabbit Science</i>	0,684

Journal “Animal Science Review” does not participate in journal citation system

21. SUMMARY

The summary of the scientific work includes:

- PhD Thesis by the University of Glasgow entitled “Supplementation of broiler breeder diets with selenium and polyunsaturated fatty acids affects the egg, the embryo and the growing chick
- 47 publications in peer-reviewed journals
- 1 book
- 6 book chapters
- 61 conference proceedings
- 6 lecture notes
- Coordinator of 2 research projects
- Participation in 13 research projects
- Reviewer in 34 Journals
- Member of 9 PhD examination committees
- Supervisor or member of examination committee of 70 undergraduate and 7 postgraduate (MSc) students