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PERSONAL DATA

Date of Birth: 17/02/1979
Place of Birth: Athens
Nationality: Greek
Marital Status: Single

EDUCATION

PhD Thesis **Essential Oils in Sheep diet. Behavioural and Productive Implications, (2007).** Faculty of Animal Science, Agricultural University of Athens

Master **Feeding Behaviour of Farm Animals, (2003).** Faculty of Animal Science, Agricultural University of Athens

Bachelor **Sexual Behaviour of Sheep, (2002).** Faculty of Animal Science, Agricultural University of Athens

RELATED SKILLS**Expertise**

Applied Animal Behaviour Science
Animal Welfare
Animal Products Quality
Functional Foods

Special Training:

Environmental Protection and Sustainable Development (Climatic changes, Forest Safety, Sustainable Waste Management, Sustainable Urban Development, Green salary etc)
Food Safety (From Farm to Fork)
Quality Systems in Agriculture (AGRO, EUREPGAP, ISO 22000, BRC)
Design, Management and Inspection of Hazard Analysis Critical Control Point Systems
Specialization in educational and teaching methods, consultancy and vocational guidance

Languages:

Fluent in Greek (Mother tongue),
English (Proficiency) and
German (Kleines Deutsches Sprachdiplom)

Advanced knowledge in Spanish (C1- Diploma de Español como Lengua Extranjera)

Computers:

Operating System: Microsoft Windows, Windows XP

Programming Language: Fortran

Statistical Analysis Packages: SAS

General: Microsoft Office (Word, Excel, Powerpoint, Access).

Scholarships - Awards:

Greek State Scholarships Foundation	1996-1999: Bachelor, 2002-2003: Master, 2003-2006: PhD and 2009-2010: Post-doc Research Program
European Federation of Animal Science	2014: Scholarship for participating in the Annual Meeting (65 th EAAP) 2015: Best Poster Award (Sheep and Goat Commission – 66th EAAP)

Working Experience:

2/2006 – 11/2008: Department of Feedingstuffs, Directorate of Animal Production Inputs, General Directorate of Animal Production, Greek Ministry of Rural Development and Food.

11/2009 – till now: Department of Animal Breeding and Husbandry, Faculty of Animal Science and Aquaculture, Agricultural University of Athens. (*Participation in several research projects and teaching in undergraduate courses*).

PUBLICATIONS

1. **P. Simitzis**, K. Galani, P. Vasiliou, P. Koutsouli and I. Bizelis. Effect of breed and litter size on the display of maternal perinatal and offspring postnatal behavior in dairy sheep. **Journal of Veterinary Behavior: Clinical Applications and Research** **13**, 10-18.
2. M. Goliomytis, N. Kartsonas, M.A. Charismiadou, G. Symeon, **P.E. Simitzis**, S.G. Deligeorgis, 2015. The influence of naringin or hesperidin dietary supplementation on broiler meat quality and oxidative stability. **PLoS ONE** **10(10): e0141652**, doi:10.1371/journal.pone.0141652.
3. **P.E. Simitzis**, G.K. Symeon, A.P. Kominakis, I.A. Bizelis, S.E. Chadio, Z. Abas, S.G. Deligeorgis, 2015. Severe maternal undernutrition and post-weaning behavior of rabbits. **Physiology & Behavior** **141**, 172–179.
4. **P.E. Simitzis**, S. Karastamatis, P. Koutsouli, I.A. Bizelis, I. Politis, 2015. Effect of yoghurt serum powder dietary supplementation on growth performance and antioxidant status in fattening lambs. **International Journal of Health, Animal Science and Food Safety** **2**, 1-8.

5. G.K. Symeon, A. Athanasiou, N. Lykos, M.A. Charismiadiou, M.Goliomytis, N. Demiris, A. Ayoutanti, **P.E. Simitzis**, S.G. Deligeorgis, 2014. The effects of dietary cinnamon (*cinnamomum zeylanicum*) oil supplementation on broiler feeding behavior, growth performance, carcass traits and meat quality characteristics. **Annals of Animal Science** **14**, 883-895.
6. **P.E. Simitzis**, A. Tsopelakos, M.A. Charismiadiou, A. Batzina, S.G. Deligeorgis and H. Miliou, 2014. Comparison of the effects of six stunning/killing procedures on flesh quality of sea bass (*Dicentrarchus labrax*, Linnaeus 1758) and evaluation of clove oil anaesthesia followed by chilling on ice/water slurry for potential implementation in aquaculture. **Aquaculture Research** **45**, 1759-1770.
7. M. Goliomytis, D. Tsourekis, **P.E. Simitzis**, M.A. Charismiadiou, A.L. Hager-Theodorides and S.G. Deligeorgis, 2014. The effects of quercetin dietary supplementation on broiler performance, meat quality and oxidative stability characteristics. **Poultry Science** **93**, 1957–1962.
8. **P.E. Simitzis**, M. Bronis, M.A. Charismiadiou, K.C. Mountzouris and S.G. Deligeorgis, 2014. Effect of cinnamon (*cinnamomum zeylanicum*) essential oil supplementation on lamb growth performance and meat quality characteristics. **Animal** **8**, 1554-1560.
9. **P.E. Simitzis**, C. Babaliaris, M.A. Charismiadiou, G. Papadomichelakis, M. Goliomytis, G.K. Symeon and S.G. Deligeorgis, 2014. Effect of hesperidin dietary supplementation on growth performance, carcass traits and meat quality of rabbits. **World Rabbit Science** **22**, 113-121.
10. M. Goliomytis, Y. Orfanou, E. Petrou, M.A. Charismiadiou, **P.E. Simitzis** and S.G. Deligeorgis, 2014. Effect of hesperidin dietary supplementation on hen performance, egg quality and yolk oxidative stability. **British Poultry Science** **55**, 98-104.
11. **P.E. Simitzis**, G. Papadomichelakis, E. Tsiplakou, G. Theodorou, G. Zervas and I. Politis, 2014. Effect of dietary protein source on piglet meat quality characteristics. **International Journal of Health, Animal Science and Food Safety** **1**, 15-26.
12. **P.E. Simitzis**, E.-P. Skoupa, M. Goliomytis, A. Kominakis and S.G. Deligeorgis, 2013. The effects of mild maternal undernutrition on the post-weaning behaviour of rabbits. **Applied Animal Behaviour Science** **148**, 157-163.
13. **P.E. Simitzis**, D. Veis, N. Demiris, M.A. Charismiadiou, A. Ayoutanti and S.G. Deligeorgis, 2013. The effects of the light regimen imposed during lactation on the performance and behaviour of sows and their litters. **Applied Animal Behaviour Science** **144**, (3-4), 116-120.
14. **P.E. Simitzis**, V. Ilias-Dimopoulos, M.A. Charismiadiou, E.E. Biniari and S.G. Deligeorgis, 2013. The effects of dietary hesperidin supplementation on lamb performance and meat characteristics. **Animal Science Journal** **84**, 136–143.

15. **P.E. Simitzis**, E. Kalogeraki, M. Goliomytis, M.A. Charismiadou, K. Triantaphyllopoulos, A. Ayoutanti, K. Niforou, A.L. Hager-Theodorides and S.G. Deligeorgis, 2012. Impact of stocking density on broiler growth performance, meat characteristics, behavioural components and indicators of physiological and oxidative stress. **British Poultry Science** **53**, (6), 721-730.
16. **P.E. Simitzis**, M. Petrou, N. Demiris and S.G. Deligeorgis, 2012. Effect of pre-weaning temporary isolation within different age periods on the early post-weaning behaviour of juvenile lambs. **Applied Animal Behaviour Science** **141**, 43-48.
17. **P.E. Simitzis** and S.G. Deligeorgis, 2011. The effects of natural antioxidants dietary supplementation on the properties of farm animal products. In: “**Animal Feed: Types, Nutrition, Safety**”, Nova Science Publishers, Inc., New York, USA. (in press).
18. **P.E. Simitzis**, G.K. Symeon, M.A. Charismiadou, A.G. Ayoutanti and S.G. Deligeorgis, 2011. The Effects of Dietary Hesperidin Supplementation on Broilers Performance and Chicken Meat Characteristics. **Canadian Journal of Animal Science** **91**, 275-282.
19. **P.E. Simitzis**, G.K. Symeon, M.A. Charismiadou, J.A. Bizelis and S.G. Deligeorgis, 2010. The Effects of Dietary Oregano Oil Supplementation on Pig Meat Characteristics. **Meat Science** **84**, 670–676.
20. **P.E. Simitzis**, J.A. Bizelis, S.G. Deligeorgis and K. Fegeros, 2009. Effect of peri-weaning dietary experience with oregano essential oil on the development of feeding preferences in lambs of Chios and Karagouniko Breed at the age of 3, 5, 7, 9 and 11 months old. **Animal Science Review** **39**, 23-40.
21. **P.E. Simitzis**, M.A. Charismiadou, B. Kotsampasi, G. Papadomichelakis, E.P. Christopoulou, E.K. Papavlasopoulou, S.G. Deligeorgis, 2009. Influence of maternal undernutrition on the behaviour of juvenile lambs. **Applied Animal Behaviour Science** **116**, 191-197.
22. **P.E. Simitzis**, J.A. Bizelis, S.G. Deligeorgis and K. Fegeros, 2008. Effect of early dietary experiences on the development of feeding preferences in semi-intensive sheep farming systems – a brief note. **Applied Animal Behaviour Science** **111**, 391-395.
23. **P.E. Simitzis**, S.G. Deligeorgis, J.A. Bizelis, A. Dardamani, I. Theodosiou and K. Fegeros, 2008. Effect of Dietary Oregano Oil Supplementation on lamb meat Characteristics. **Meat Science** **79**, 217-223.
24. **P.E. Simitzis**, S.G. Deligeorgis, J.A. Bizelis and K. Fegeros, 2008. Feeding preferences in lambs influenced by prenatal flavour exposure. **Physiology and Behavior** **93**, 529-536.
25. **P.E. Simitzis**, J.A. Bizelis, K. Fegeros and S.G. Deligeorgis, 2007. Effect of dietary oregano essential oil supplementation on sheep milk characteristics. **Animal Science Review** **37**, 69-78.

26. **P.E. Simitzis**, S.G. Deligeorgis and J.A. Bizelis, 2006. Effect of breed and age on sexual behaviour of rams. **Theriogenology** **65**, 1480-1491.
27. **P.E. Simitzis**, K. Fegeros, J.A. Bizelis and S.G. Deligeorgis, 2005. Behavioural reaction to essential oils dietary supplementation in sheep. **Biotechnology in Animal Husbandry** **21**, 97-103.
- **P.E. Simitzis** and Stelios G. Deligeorgis. Lipid Oxidation of Meat and Use of Essential Oils as Antioxidants in Meat Products. *SciTopics – Research summaries by experts* (www.scitopics.com)

CONFERENCES (selected):

1. **P.E. Simitzis**, M.A. Charismiadou, M. Goliomytis, A. Charalambous, I. Detska and S.G. Deligeorgis, 2015. The effects of dietary hesperidin and naringin supplementation on lamb performance and meat characteristics. **29th International Conference EFFoST, Athens, 10-12 November 2015, Book of abstracts, 921-925.**
2. **P. Simitzis**, M. Charismiadou, M. Goliomytis, T. Masouras, K. Moschou, C. Ikonou, E. Papadedes, S. Lepesiote, S. Deligeorgis. Effects of flavonoids dietary supplementation on yoghurt antioxidant capacity. Poster Presentation, Session 48. **EAAP – 66th Annual Meeting, Warsaw, Poland, 31 August – 4 September 2015. Book of abstracts No. 21, 480.**
3. **P. Simitzis**, A. Kiriakopoulos, G. Symeon, A. Kominakis, I. Bizelis, S. Chadio, O. Pagonopoulou, S. Deligeorgis. Effect of prenatal overfeeding on post-weaning behavior of rabbits. Theater Presentation, Session 48. **EAAP – 66th Annual Meeting, Warsaw, Poland, 31 August – 4 September 2015. Book of abstracts No. 21, 539.**
4. A.L. Hager-Theodorides, N.A. Dragona, K. Moschou, C. Kappou, I. Arkoumanis, M. Goliomytis, M. Charismiadou, **P. Simitzis**, T. Massouras and S. Deligeorgis. Effect of dietary supplementation of broiler chickens with the natural antioxidants hesperidin and naringin on the expression of lipogenesis related genes and fatty acid profile. Poster Presentation in the **6th International Symposium on Animal Functional Genomics. 27-29 July 2015, Piacenza, Italy. Book of abstracts, 73.**
5. M. Goliomytis, **P. Simitzis**, M. Charismiadou, T. Masouras, K. Moschou, C. Ikonou, E. Papadedes, S. Lepesiote, S. Deligeorgis. Effects of Flavonoids Dietary Supplementation on Milk Antioxidant Capacity in Sheep. **9th World Congress on Polyphenols Applications. June 3-4-5, 2015 – St Julian, Malta. Book of abstracts, 20.**
6. Goliomytis M., **Simitzis P.**, Kartsonas N., Charismiadou M., Kominakis A., Deligeorgis S. Quality and oxidative stability of broiler meat as affected by dietary supplementation of the bioflavonoids naringin and hesperidin. Poster Presentation (27). **WPSA – 31st Poultry Science Symposium, Sustainable**

Poultry Production in Europe, Chester, UK, 8-10 September 2014. Book of abstracts, 26.

7. **P. Simitzis**, M. Goliomytis, K. Papalexi, N. Veneti, M. Charismiadou, A. Kominakis and S. Deligeorgis. Effects of flavonoids dietary supplementation on egg yolk antioxidant capacity and cholesterol level. Theater Presentation, Session 06. **EAAP – 65th Annual Meeting, Copenhagen, Denmark, 25-29 August 2014. Book of abstracts No. 20, 109.**
8. **P. Simitzis**, K. Galani, P. Koutsouli and I. Bizelis. Effect of breed and litter size on the display of maternal and offspring postnatal behavior in sheep. Theater Presentation, Session 25. **EAAP – 65th Annual Meeting, Copenhagen, Denmark, 25-29 August 2014. Book of abstracts No. 20, 229.**
9. E.S. Apostolaki and **P.E. Simitzis**. Traceability and labelling of Feedingstuffs. **2nd Hellenic Congress on Meat and Products thereof. Athens, Greece, 24-26 September 2010. Book of abstracts, 107-112.**
10. **P.E. Simitzis**, G.K. Symeon, M.A. Charismiadou, A. Ayoutanti and S.G. Deligeorgis. The effects of dietary hesperidin supplementation on broilers performance and meat quality. Poster 10, Session 46. **EAAP – 61th Annual Meeting, Heraklion, Greece, 23-27 August 2010. Book of abstracts No. 16, 365.**
11. **P.E. Simitzis**, A.K. Boulis, I.C. Darzenta and E.S. Apostolaki. Healthy feeds – Safe Meat. Constituents of animal diets that influence meat products safety and their implications on human health and the environment. **1st Hellenic Congress on Meat and Products thereof. Athens, Greece, 10-12 October 2008. Book of abstracts, 43-50.**
12. **P.E. Simitzis**, J.A. Bizelis, S.G. Deligeorgis and T. Massouras. The use of aromatic plants and the respective essential oils in ruminant nutrition and their effects on the characteristics of produced milk. **1st Hellenic Congress on Milk and its Products. Athens, Greece, 9-10 October 2008. Book of abstracts, 43-54.**
13. **P.E. Simitzis**, A.K. Boulis, I.C. Darzenta and E.S. Apostolaki. The use of genetically modified organisms in animal nutrition – Contributions to nutritional and safety assessment. **1st Hellenic Congress for Productive Animals, Hygiene – Safety of foods of animal origin and Consumer Protection. Athens, Greece, 14-16 March 2008. Book of abstracts, 192-194.**
14. **P.E. Simitzis**, K. Feggeros, J.A. Bizelis and S.G. Deligeorgis. Behavioural reaction to essential oils dietary supplementation in sheep. **8th International Symposium “Modern Trends in Livestock Production”. Institute for Animal Husbandry. Zemun, Belgrade, Yugoslavia, 5-8 October 2005.**
15. S.G. Deligeorgis, J.A. Bizelis and **P.E. Simitzis**. Mating behaviour of thin and fat tailed rams on fat tailed ewes. Poster SM6.8. **EAAP – 55th Annual Meeting, Bled, Slovenia, 5-9 September 2004. Book of abstracts No. 10, 260.**