

# CURRICULUM VITAE

**K. FEGEROS**  
*Professor*



## PERSONAL DATA

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<i>Date of Birth</i>	1954
<i>Marital Status</i>	Married
<i>Address (Office)</i>	Department of Animal of Nutritional Physiology and Feeding, Agricultural University of Athens, Iera Odos 75, 118 55 Athens, Greece Tel:+30-10-5294418, Fax: +30-210-5294413 E-mail: cfeg@aua.gr
<i>(Home)</i>	Agias Barbaras 40Γ, Argiroupoli, 16452, Attiki, Greece. Tel: +30-210-9930628

## EDUCATION

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<i>B.Sc., M.Sc.</i>	Agricultural University of Athens (1981)
<i>Ph.D.</i> <i>(Thesis)</i>	Agricultural University of Athens (1986) «Nutritive value of grape mark for sheep»
<i>Short education</i>	University of Nottingham, Faculty of Agricultural and Food Sciences, U.K. (1995)

## TEACHING EXPERIENCE

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<i>Undergraduate</i>	Feeds and Feed Technology Subjects of Physiology of Animal Nutrition Applied Nutrition of Non Ruminants
<i>Postgraduate</i>	Advanced and specialized topics on the fields above

## RESEARCH ACTIVITIES

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<i>Research interests</i>	Nutritional evaluation of feeds and feed additives, Animal Nutrition
<i>Conferences</i>	Participation in 63 conferences and symposia

## RESEARCH PROGRAMS

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Participation in 19 research programs (responsible in 6, member of research team in 13)

## RESEARCH PUBLICATIONS

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<i>Scientific Journals</i>	Co-author in 90 research publications
<i>Books</i>	Author, Co-author in 6 books

## MEMBERSHIPS

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Geotechnic Chamber of Greece  
Hellenic Society of Animal Science (*General Secretary*)  
World Poultry Science Association  
European Association for Animal Production

## **ADMINISTRATIVE POSITIONS**

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2005-2007	President of NAGREF
2009-2010	President of Faculty of Animal Science and Aquaculture of AUA.
2010-2014	Rector of AUA.

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## **RESEARCH PUBLICATIONS**

1. **FEGEROS K.**, 1985. Nutritive value of grape marc for ruminants. Ph D. Thesis, Agricultural University of Athens.
2. **FEGEROS K.** and **KALAISSAKIS P.**, 1987. Nutritive value of grape marc for sheep. *World Review of An. Prod.*, 23: 17-22.
3. **FEGEROS K.** and **KALAISSAKIS P.**, 1987. Digestibility and nutritive value of stoned olive cake in sheep. *An. Sci. Review*, 5: 5-15.
4. **PAPADOPOULOS G.**, **FEGEROS K.** and **ZIRAS E.**, 1987. Evaluation of Greek cottonseed meal. 2. Use in rations for fattening pigs. *An. Feed Sci. and Techn.*, 18: 303-313.
5. **FEGEROS K.**, **ZERVAS G.**, **PAPADOPOULOS G.** and **KALAISSAKIS P.**, 1987. Evaluation of olive meal in fattening pigs. *An. Sci. Review*, 7: 85-96.
6. **KANDYLIS K.** and **FEGEROS K.**, 1986. Estimation of effective protein degradability in the rumen of sheep using the nylon bag technique. *World Review of An. Prod.*, XXII, 2: 78-80.
7. **FEGEROS K.**, **PAPADOPOULOS G.**, **ZERVAS G.** and **KAFANTARIS B.**, 1987. Effect of lasalosid sodium and molasses on performance of fattening lambs and on rumen liquor and blood parameters. *Arch. An. Nutr.*, Berlin, 39 (11): 921-931.
8. **ZERVAS G.**, **FEGEROS K.**, **KAROUNTZOU E.** and **PAPADOPOULOS G.**, 1990. Nutritive evaluation of whole cotton seed for sheep. *An. Sci. Review*, 11: 25-38.
9. **FEGEROS K.**, **PAPADOPOULOS G.** and **KAFANTARIS B.**, 1992. Amino acid digestibility of cotton seed meal in swine. Improvement of protein with addition of lysine, threonine and tryptophane. *An. Sci. Review*, 16: 5-17.
10. **ZERVAS G.**, **FEGEROS K.**, **MICHALOCHRISTAS D.** and **VASTARDIS I.**, 1993. Nutritive evaluation of olive tree leaves for sheep. *An. Sci. Review*, 17: 39-55.
11. **FEGEROS K.**, **PAPADOPOULOS G.** and **KAFANTARIS B.**, 1993. The effect of biotin and seed oils on the performance of growing and fattening pigs. *An. Sci. Review*, 18: 33-50.
12. **FEGEROS K.**, **ZERVAS G.**, **APSOKARDOS F.**, **VASTARDIS I.** and **APOSTOLAKI E.**, 1995. Nutritive evaluation of ammonia treated olive tree leaves for lactating sheep. *Small Rumin. Res.*, 17: 9-15.

13. **FEGEROS K.**, ZERVAS G., STAMOULI S. and APOSTOLAKI E., 1995. Nutritive value of dried citrus pulp and its effect on milk yield and milk composition of lactating ewes. *J. Dairy Sci.*, 78: 1116-1121.
14. ZERVAS G., GOULAS G., **FEGEROS K.** and NIKOKYRIS P., 1995. Dietary evaluation of herbage grown under the olive trees in Amfissa area of Greece after conservation as silage or hay. *An. Sci. Review*, 21: 43-54.
15. ZERVAS G., **FEGEROS K.** and PAPADOPOULOS G., 1996. Feeding system of sheep in mountainous area of Greece. *Small Rumin. Res.*, 21: 11-17
16. ZERVAS G., **FEGEROS K.**, KOUTSOTOLIS K., GOULAS C. and MANTZIOS A., 1998. Soy hulls as a replacement for maize in lactating dairy ewe with or without dietary fat supplements. *An. Feed Sci. and Techn.*, 77: 115-124.
17. **FEGEROS, K.**, PANTZALIS, S., PANOS, G. and PAPADOPOULOS, G., 1996. The feeding value of Greek meat and bone meal for swine. *An. Sci. Review*, 22: 13-23.
18. **FEGEROS, K.**, KOUTSOUEODOROS, F., DIMOPOULOU, M., NIKOKIRIS, P. and PAPADOPOULOS, G., 1998. Nutritional evaluation of triticale for pigs and broilers. *An. Sci. Review*, 25: 5-18.
19. MOUNTZOURIS, K.C., **FEGEROS, K.** and PAPADOPOULOS, G. 1999. Utilization of fats based on the composition of sow milk fat in the diet of weaning pigs. *An. Feed Sci. and Techn.*, 77: 115-124.
20. DELIGEORGIS, S., ROGDAKIS, E., **FEGEROS, K.** and PAPAVASILIOU, D., 2000. The extensive pig farming systems in mountainous region of Greece. Livestock farming systems, *EAAP Publication*, No 97, 2000, 113-115.
21. GARNSWORTHY, P., WISEMAN, J. and **FEGEROS, K.**, 2000. Prediction of chemical, nutritive and agronomic characteristics of wheat by near infrared spectroscopy. *J. of Agric. Sci.*, 135: 409-417.
22. PAPADOMICHELAKIS, G., **FEGEROS, K.**, XYLOURI-FRANGIADAKI, E. and PAPADOPOYLOS, G., 2000. Effects of dietary energy and protein content on libido and semen characteristics of bucks. *Proceedings of 7<sup>th</sup> World Rabbit Congress*, Valencia, Spain, Vol. C, pp. 357-364.
23. APOSTOLAKI, E., **FEGEROS, K.**, LIADIS, K. and PAPADOPOULOS, G., 2001. Effect of phosphorus source and Ca:P ratio on the laying hens performance. *An. Sci. Review*, 28 : 73-83.
24. APOSTOLAKI, E., **FEGEROS, K.**, NIKOKIRIS, P. and PAPADOPOULOS, G., 2002. Different types of vitamin C and heat stress of broilers. *An. Sci. Review*, 29, 3-16.
25. PAPADOMICHELAKIS G., **FEGEROS, K.** and PAPADOPOULOS, G, 2002. Effect of fiber source in rabbits rations on soft faeces production and its contribution to nutrients and energy intake. *An. Sci. Review*, 30, 61-72
26. THEODOROPOULOS G., DELIGEORGIS S., **FEGEROS K.**, PAPAVASILIOU D., ROGDAKIS E., 2002. Parasites in indigenous Greek pigs kept in an extensive organic production system. *Agr. Med.*, 132, 253-258.

27. **FEGEROS, K.**, APOSTOLAKI, E., KOLETIS, K., NIKOKIRIS, P. and PAPADOPOULOS, G. **2003**. Fasting and zinc oxide as forced molting methods for laying hens. *An. Sci. Review*, 31, 73-85.
28. POLITIS I., DIMOPOULOU M., VOUDOURI A., NIKOKYRIS P. and **FEGEROS K.**, 2003. Effects of dietary conjugated linoleic acid isomers on several functional properties of macrophages and heterophils in laying hens. *Brit. Poultry Sci.*, 44, 203-210
29. **FEGEROS, K.**, FRAGOUS S. and KANTAS D., 2004. Effect of enzyme supplementation on nutrient digestibility of growing pig diets. *An. Sci. Review*, 32, 3-13.
30. PAPADOMICHELAKIS G., **FEGEROS, K.** and PAPADOPOULOS, G., 2004. Digestibility and nutritive value of sugar beet pulp, soybean hulls, wheat bran and citrus pulp in rabbits. *An. Sci. Review*, 32, 15 -27.
31. FOKAS P., ZERVAS G., **FEGEROS K.** and ZOIPOULOS P., 2004. Assessment of Pb retention coefficient and utilization in growing pigs fed diets with added clinoptilolite. *Anim. Feed Sci. and Techn.*, 117, 121-129.
32. THEODOROPOULOS G., DELIGEORGIS S., **FEGEROS K.**, PAPAVALIIOU D., ROGDAKIS E., 2004. Influence of natural parasitism on meat quality criteria and carcass weight of pigs kept under outdoor farming conditions. *Agr. Med.*, 134, 68 -76.
33. FRAGOY S., **FEGEROS K.**, XYLOURI E., BALDI A. and POLITIS I., 2004. Effect of vitamin E supplementation on various functional properties of macrophages and neutrophils obtained from weaned piglets. *J. Vet. Med.*, 51, 178 – 183.
34. POLITIS I., **FEGEROS K.**, NITSCH S., SCHATZMAYR G. and KANTAS D., 2005. Use of *Trichosporon mycotoxinivorans* to suppress the effects of ochratoxicosis on the immune system of broiler chicks. *Br. Poultry Sci.*, 46, 58 - 65.
35. **FEGEROS K.** and TSILIGAKI A., 2005. Nutritional effects of pelleting or extrusion processing on feed for growing pigs. *An. Sci. Review*, 33, 9-18.
36. SIMITZIS P.E., **FEGEROS K.**, BIZELIS J.A., DELIGEORGIS S.G., 2005. Behavioural reaction to essential oils dietary supplementation in sheep. *Biotechnology in Animal Husbandry*, 21(5-6), 97-103.
37. MOUNTZOURIS K., BALASKAS C., FAVA F., TUOHY K., GIBSON G. and **FEGEROS K.**, 2006. Profiling of composition and metabolic activities of colonic microflora of growing pigs fed diets supplemented with prebiotic oligosaccharides. *Anaerobe*, 12, 178-185.
38. MOUNTZOURIS K., XYPOLEAS I., KOUUSERIS K. AND **FEGEROS K.**, 2006. Nutrient digestibility, faecal physicochemical characteristics and bacterial glycolytic activity of growing pigs fed a diet supplemented with oligofructose or trans – galactooligosaccharides. *Livestock Science*, 105, 168-175.
39. FRAGOY S., BALASKAS C., **FEGEROS K.** AND POLITIS I., 2006. Effect of vitamin E supplementation on lymphocyte distribution in gut – associated

- lymphoid tissues obtained from weaned piglets. *J. of Vet. Medicine, Serries A: Physiology Pathology Clinical Medicine*, 53, 327-333.
40. CHRONOPOULOU R., XYLOURI E., **FEGEROS K.** AND POLITIS I., 2006. The effect of two bovine beta- casein peptides on various functional properties of porcine macrophages and neutrophils: differential roles of protein kinase A and exchange protein directly activated cyclic AMP-I. *Brit. J. of Nutr.*, 96, 553-561.
  41. MOUNTZOURIS K., TSIRTSIKOS P., KALAMARA E., NITSCH S., SCHATZMAYR G. AND **FEGEROS K.**, 2007. Evaluation of the efficacy of a probiotic containing Lactobacillus, Bifidobacterium, Enterococcus and Pediococcus strains in promoting broiler performance and modulating cecal microflora composition and metabolic activities. *Poultry Science*, 86, 309-317.
  42. SIMITZIS P., DELIGEORGIS S., BIZELIS J., DARDAMANI A., THEODOSIOU I. AND **FEGEROS K.**, 2008. Effect of dietary oregano oil supplementation on lamb meat characteristics. *Meat Science* , 79, 217-223.
  43. SIMITZIS P.E., BIZELIS J.A., **FEGEROS K.**, DELIGEORGIS S., 2007. Effect of dietary oregano essential oil supplementation on sheep milk characteristics. *Anim. Sci. Rew.*, 37, 69 -78.
  44. SIMITZIS P, BIZELIS J, DELIGEORGIS S. AND **FEGEROS K.**, (2008). Effect of dietary experiences on the development of feeding preferences in semi-intensive sheep farming systems - a brief note. *Applied Animal Behaviour Science*, 111, 391-395.
  45. SIMITZIS P, DELIGEORGIS S, BIZELIS J. AND **FEGEROS K.**, (2008). Feeding preferences in lambs influenced by prenatal flavour exposure. *Physiology and Behavior*, 93, 529-536.
  46. KATOIANNI I., ZOIPOULOS P., ADAMIDIS K. AND **FEGEROS K.**, 2008. Comparison of two broiler genotypes growth under the European Union organic legislation. *Arciv fur Geflugelkunde*, 72(3), 116-120.
  47. KATOIANNI I., ZOIPOULOS P., ADAMIDIS K. AND **FEGEROS K.**, 2008. Substituting chickpeas for soybeans in diets for broilers fattened according to the European Community organic regime. *Arciv fur Geflugelkunde*, 72(4), 152-156.
  48. MOUNTZOURIS K., KOTZAMPASSI K, TSIRTSIKOS P, KAPOUTZIS K AND **K FEGEROS** (2009). Effects of *Lactobacillus acidophilus* on gut microflora metabolic biomarkers in fed and fasted rats. *Clinical Nutrition*, 28, 318-324
  49. MOUNTZOURIS K., BALASKAS C, XANTHAKOS I, TZIVINIKOU A AND **K FEGEROS** (2009). Effects of a multi-species probiotic on biomarkers of competitive exclusion efficacy in broilers challenged with *Salmonella enteritidis*. *British Poultry Science*, 50, 467-478.
  50. E. ZOIDIS, A.C. PAPPAS, C.A. GEORGIU, E. KOMAITIS, **K. FEGGEROS** (2009). Selenium affects the expression of GPx4 and catalase in

the liver of chicken. *Comp. Biochem. Physiology B-Bioche. & Molec. Biology*, 155, 294-300.

51. K. MOUNTZOURIS, P. TSIRTSIKOS, I. PALAMIDI, A. ARVANITI, M. MOHNL, G. SCHATZMAYR AND **K. FEGEROS**, 2010. Effects of probiotic inclusion levels in broiler nutrition on growth performance, nutrient digestibility, plasma immunoglobulins, and cecal microflora composition. *Poultry Science*, 89, 58-67.
52. PAPADOMICHELAKIS G., KARAGIANNIDOU A., ANASTASOPOULOS V. AND **FEGEROS K.**, 2010. Effect of high dietary fibre content on the fatty acid composition of two muscles in fattening rabbits. *Livestock Sci.*, 129, 159-165.
53. PAPADOMICHELAKIS G., ANASTASOPOULOS V., KARAGIANNIDOU A. AND **FEGEROS K.**, 2010. Effect of dietary fibre and soybean oil on the odd-numbered, branched-chain and hydroxyl-fatty acid composition of caecotrophs in rabbits. *Anim. Feed Sci. and Techn.*, 158, 95-103.
54. PAPPAS A., ZOIDIS E., THEOPHILOU N., ZERVAS G. AND **FEGEROS K.**, 2010. Effect of palygorskite on broiler performance, feed technological characteristics and litter quality. *Applied clay Sci.*, 49, 276-280.
55. PAPADOMICHELAKIS G., KARAGIANNIDOU A., ANASTASOPOULOS V. AND **FEGEROS K.**, 2010. Effect of dietary soybean oil on odd-numbered and branched-chain fatty acids in rabbit meat. *Meat sci.*, 86, 264-269.
56. PAPPAS A., ZOIDIS E., GEORGIU C.A., DEMIRIS N., SURAI P.F. AND **FEGEROS K.**, 2011. Influence of organic selenium supplementation of toxic and essential trace elements involved in the antioxidant system of chicken. *Food Addit. And Contam. Part A-Chem. Anal. Control Exposure & Risk Assessment.*, 28, 446-454.
57. PAPADOMICHELAKIS G., MOUNTZOURIS K., ZOIDIS E. AND **FEGEROS K.**, 2011. Influence of dietary benzoic acid addition on nutrient digestibility and selected biochemical parameters in fattening rabbits. *Anim. Feed Sci. and Technol.* , 163, 207-213.
58. MOUNTZOURIS K., PARASKEVAS V., TSIRTSIKOS P., PALAMIDI I., SCHATZMAYR G. AND **FEGEROS K.**, 2011. Assessment of a phyto-genic feed additive effect on broiler growth performance, nutrient digestibility and caecal microflora composition. *Anim. Feed Sci. and Technol.* , 168, 223-231.
59. PAPADOMICHELAKIS G., MOUNTZOURIS K., PARASKEVAKIS N. AND **FEGEROS K.**, 2011. Caecum odd-numbered and branched-chain fatty acid composition in response to dietary changes in fattening rabbits. *J. of Ani. Physiol. And Ani. Nutr.*, 95, 707-716.
60. PAPADOMICHELAKIS G., ZOIDIS E. AND **FEGEROS K.**, 2012. Dietarily induced changes in liver composition and weight of fattening rabbits. *Livestock Sci.*, 144, 190-196.

61. PAPPAS A., ZOIDIS E., PAPADOMICHELAKIS G. AND **FEGEROS K.**, 2012. Supranutritional selenium level affects fatty acid composition and oxidative stability of chicken breast muscle tissue. *J. of Ani. Physiology and Ani. Nutr.*, 96, 385-394.
62. TSIRTSIKOS P., **FEGEROS K.**, KOMINAKIS A., BALASKAS C. AND MOUNTZOURIS K., 2012. Modulation of intestinal mucin composition and mucosal morphology by dietary phytogetic inclusion level in broilers. *Animal*, 6, 1049-1057.
63. TSIRTSIKOS P., **FEGEROS K.**, BALASKAS C., KOMINAKIS A. AND MOUNTZOURIS K., 2012. Dietary probiotic inclusion level modulates intestinal mucin composition and mucosal morphology in broilers.
64. PAPADOMICHELAKIS G., ZOIDIS E., MOUNTZOURIS K., LIPAS T., **FEGEROS K.**, 2012. Glycerine kinase gene expression, nutrient digestibility and gut microbiota composition in post-weaned pigs fed diets wuth increasing crude glycerine levels. *Anim. Feed Sci. and Technol.* , 177, 247-252.
65. AL-WAELI A., PAPPAS A.C., ZOIDIS E., GEORGIU C.A., **FEGEROS K.**, ZERVAS G., 2012. The role of selenium in cadmium toxicity: interactions with essential and toxic elements. *British Poultry Science*, 53 (6), 817-827.
66. AL-WAELI A., ZOIDIS E., PAPPAS A.C., DEMIRIS N., ZERVAS G., **FEGEROS K.** , 2013. The role of selenium in cadmium toxicity: effects on broiler performance and health status. *Animal*, 7 (3), 386-393.
67. MOUNTZOURIS K.C., PALAMIDI I., TSIRTSIKOS P., MOHNL M., SCHATZMAYR G., **FEGEROS K.**, 2015. Effect os dietary inclusion level of a multi-species probiotic on broiler performance and two biomarkers of their caecal ecology. *Anim. Prod. Sci.*, 55 (4), 484-493.
68. CHADIO S.E., PAPPAS A.C., PAPANASTASATOS A., PANTELIA D., DARDAMANI A., **FEGEROS K.**, ZERVAS G., 2015. Effect of high selenium and fat supplementation on growth performance and thyroid hormones concentration of broilers. *J. of Trace Elem. In Medicine and Biol.*, 29, 202-207.
69. PAPADOMICHELAKIS G., PAPPAS A.C., ZOIDIS E., MOUNTZOURIS K., **FEGEROS K.**, 2015. Impact of feeding increasing crude glycerine levels on growth performance, glycerine kinase expression, nutrient digestibility and litter quality in broiler chickens. *Livestick Sci.*, 181, 89-95.
70. MOUNTZOURIS K.C., TSIRTSIKOS P., PAPADOMICHELAKIS G., SCHATZMAYR G., **FEGEROS K.**, 2015. Evaluation of the efficacy of sequential or continuous administration of probiotics and phytoгенics in broiler diets. *Anim. Prod. Sci.*, 55, (6), 720-728.
71. MOUNTZOURIS K.C., DALAKA E., PALAMIDI I., PARASKEVAS V., DEMEY V., THEODOROPOULOS G., **FEGEROS K.**, 2015. Evaluation of

yeast dietary supplementation in broilers challenged or not with Salmonella on growth performance, cecal microbiota composition and Salmonella in ceca, cloacae and carcass skin. *Poultry Sci.*, 94 (10), 2445-2455.

72. G.PAPADOMICHELAKIS, E.ZOIDIS, A.C.PAPPAS, K.C.MOUNTZOURIS, **K.FEGEROS**, 2017. Effects of increasing dietary organic selenium levels on meat fatty acid composition and oxidative stability in growing rabbits. *Meat Science*, 131, 132-138
73. V. PARASKEUAS, **K. FEGEROS**, I. PALAMIDI, C. HUNGER, K. C. MOUNTZOURIS, 2017. Growth performance, nutrient digestibility, antioxidant capacity, blood biochemical biomarkers and cytokines expression in broiler chickens fed different phytogetic levels. *Animal Nutrition*, 3 (2), 114-120
74. I. PALAMIDI, **K. FEGEROS**, M. MOHNL, W. H. A. ABDELRAHMAN, G. SCHATZMAYR, G. THEODOROPOULOS, AND K. C. MOUNTZOURIS, 2016. Probiotic form effects on growth performance, digestive function, and immune related biomarkers in broilers. *Poultry Science* , 95:1598–1608
75. I. PALAMIDI , V. PARASKEUAS , G. THEODOROU , R. BREITSMA , G. SCHATZMAYR , G. THEODOROPOULOS , **K. FEGEROS** AND K. C. MOUNTZOURIS, 2016. Effects of dietary acidifier supplementation on broiler growth performance, digestive and immune function indices. *Animal Production Science*, 57(2) 271-281
76. V. PARASKEUAS, K. FEGEROS, I. PALAMIDI, G. THEODOROPOULOS AND K.C.MOUNTZOURIS, 2016. Phytogetic Administration and Reduction of Dietary Energy and Protein Levels Affects Growth Performance, Nutrient Digestibility and Antioxidant Status of Broilers. *J. Poult. Sci.*, 53: 264-273
77. V. PARASKEUAS, **K. FEGEROS**, C. HUNGER, G. THEODOROU, K. MOUNTZOURIS (2017). Dietary inclusion level effects of a phytogetic characterised by menthol and anethole on broiler growth performance, biochemical parameters including total antioxidant capacity and gene expression of immune-related biomarkers. *Animal Production Science*, 57(1), 33-41
78. G PAPADOMICHELAKIS, E ZOIDIS, AC PAPPAS, G DANEZIS, CA GEORGIU, **K FEGEROS**, (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
79. A.C. PAPPAS, B.M. KOTSAMPASI, K. KALAMARAS, **K. FEGEROS**, G. ZERVAS, D. KALOGIANNIS, S.E. CHADIO, (2017). Effects of concomitant selenium and vitamin E administration on thyroid hormone metabolism in broilers. *Journal of the Hellenic Veterinary Medical Society*, 68(3), 355-362



80. K.C. MOUNTZOURIS, I. PALAMIDI, V. PARASKEUAS, E. GRIELA, **K. FEGEROS**, 2019. Dietary probiotic form modulates broiler gut microbiota indices and expression of gut barrier genes including essential components for gut homeostasis, *Journal of animal physiology and animal nutrition*, 103(4), 1143-1159
81. I. SEREMELIS, G.P. DANEZIS, A.C. PAPPAS, E. ZOIDIS, **K. FEGEROS**, 2019. Avian stress-related transcriptome and selenotranscriptome: role during exposure to heavy metals and heat stress. *Antioxidants*, 8 (7), 216
82. E ZOIDIS, G PAPADOMICHELAKIS, AC PAPPAS, G THEODOROU, **K FEGEROS**, 2019. Effects of Selenium and Cadmium on Breast Muscle Fatty-Acid Composition and Gene Expression of Liver Antioxidant Proteins in Broilers. *Antioxidants*, 8 (5), 147
83. G PAPADOMICHELAKIS, AC PAPPAS, E ZOIDIS, G DANEZIS, KA GEORGIU, **K. FEGEROS**, 2019. Blood and hair as non-invasive trace element biological indicators in growing rabbits. *World rabbit science*, 27 (1), 21-30
84. G PAPADOMICHELAKIS, AC PAPPAS, E TSIPLAKOU, GK SYMEON, K SOTIRAKOGLU, V MPEKELIS, **K FEGEROS**, G ZERVAS, 2019. Effects of dietary dried olive pulp inclusion on growth performance and meat quality of broiler chickens. *Livestock Science*, 221, 115-122
85. AC PAPPAS, E TSIPLAKOU, G. PAPADOMICHELAKIS, C. MITSIOPOULOU, K. SOTIRAKOGLU, V. MPEKELIS, SA HAROUTOUNIAN, **K. FEGEROS**, G. ZERVAS, 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(3), 1687-1696
86. KC MOUNTZOURIS, V PARASKEUAS, E GRIELA, G PAPADOMICHELAKIS, **K FEGEROS**, 2020. Effects of phytogetic inclusion level on broiler carcass yield, meat antioxidant capacity, availability of dietary energy, and expression of intestinal genes relevant for nutrient absorptive and cell growth–protein synthesis metabolic functions. *Animal Production Science* 60 (2), 242-253
87. A GEORGANAS, E GIAMOURI, AC PAPPAS, G PAPADOMICHELAKIS, F GALLIOU, T. MANIOS, E. TSIPLAKOU, **K. FEGEROS**, G. ZERVAS, 2020. Bioactive Compounds in Food Waste: A Review on the Transformation of Food Waste to Animal Feed. *Foods*, 9 (3), 291
88. G PAPADOMICHELAKIS, **K FEGEROS**, 2020. Reliability of acid-insoluble ash as internal marker for the measurement of digestibility in rabbits. *World Rabbit Science*, 28 (1), 1-12
89. E ZOIDIS, AC PAPPAS, A AL-WAELI, CA GEORGIU, GP DANEZIS, N DEMIRIS, G. ZERVAS, **K. FEGEROS**, 2020. Effects of selenium and zinc

supplementation on cadmium toxicity in broilers. *Turkish Journal of Veterinary and Animal Sciences*, 44 (2), 331-336

90. KC MOUNTZOURIS, VV PARASKEUAS, **K FEGEROS** , 2020. Priming of intestinal cytoprotective genes and antioxidant capacity by dietary phyto-genic inclusion in broilers. *Animal Nutrition*,

## **Συγγραφή βιβλίων**

1. Βιβλίο με τίτλο: **Διατροφή Αγροτικών Ζώων** για τη Β τάξη των ΤΕΛ. Συγγραφείς: Γ. Ζέρβας και **Κ. Φεγγερός**. Έκδοση ΟΕΔΒ, 1985.
2. Βιβλίο με τίτλο: **Εισαγωγή στη Γεωργική Παραγωγή** για την Α τάξη των ΤΕΕ. Συγγραφείς: Π.Ευθυμιάδης, **Κ. Φεγγερός**, Δ. Μπιλάλης και Γ. Γιάννου. Έκδοση ΟΕΔΒ, 1999.
3. Βιβλίο με τίτλο: **Διατροφή Αγροτικών Ζώων** για τους φοιτητές του Γεωπονικού Πανεπιστημίου Αθηνών. Συγγραφείς: Γ. Ζέρβας, Π. Καλαϊσάκης και **Κ. Φεγγερός**. Εκδόσεις ΑΘ. ΣΤΑΜΟΥΛΗΣ, Αθήνα, 2000.
4. Σημειώσεις παραδόσεων του μαθήματος «**Βρωματολογία**» για τους φοιτητές του 6<sup>ου</sup> εξαμήνου του Τμήματος Ζωικής Παραγωγής του Γ.Π.Α.
5. Βιβλίο με τίτλο: **Διατροφή Αγροτικών Ζώων** για την Γ τάξη των ΤΕΕ. Συγγραφείς: **Κ. Φεγγερός**, Γ. Παπαδομιχελάκης, Ε. Βασιλοπούλου. Έκδοση ΟΕΔΒ, 2006.
6. Βιβλίο με τίτλο: **Ζωοτροφές και πρόσθετες ύλες ζωοτροφών, «Βρωματολογία»**. Συγγραφέας: **Κ. Ι. Φεγγερός**. Εκδόσεις Σταμούλη Α.Ε. (UNIBOOKS), Αθήνα, 2017.