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Personal Data

Name: Dimitris Kantas
Date of Birth: 4 November 1963,
Address: Department of Animal Production, School
of Agricultural Technology, TEI of Larissa
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Education

Basic studies

November 1981- February 1987. Agricultural University Of Athens – Animal Production (5 years studies)

Training

1989. Greek Productivity Center: Environmental Management

27 June-29 July1992: Artificial Insemination of swine

7-19 December 1992: Genetical Improvement and Nutrition of swine

27 June -29 July19921993: Management of swine farms.

2000-2001: Laboratory of Animal Anatomy and Physiology, Agricultural University Of Athens (Prof. John Menegatos)

Career

1989 - 1996. G. Vraikos LTD- Swine Farm - Technical Manager

1996 - 2002. Veterin SA –Nutritional Products Manager – Client Technical Assistance

1999. University of Thessaly – Department of Plant and Animal Production. Lecturer – Winter semester – Animal Morphology and Anatomy

2002. Assistant Professor – Department of Animal Production, School of Agricultural Technology, TEI of Larissa Περιβάλλοντος.

Publications

1. I. Valasi, E. Theodosiadou, C. Deligiannis, S. Papadopoulos, D. Kantas, GS Amiridis. Effect of Progestagen Pretreatment on Fertility of Ewes. P194. ESDAR Conference 2010, Eger, Hungary.
2. Tzora, A., Fotou, K., Anastasiou, I., Giannouli, A., Metsios, A., Kantas, D., D' Alessandro, A.G., Giannenas, I., Goulas, P., Tsinas, A. Investigation of the physicochemical characteristics and identification of the fatty acids and volatile flavour compounds in ewes' milk of the indigenous sheep breeds Boutsiko and Karamaniko (Epirus, Greece). Abstract no.: 4707, EAAP Annual meeting 2009, Barcelona, Spain.
3. N. Rigas, E. Dovriki, I. Rigas, I.M. Goula, D. Kantas, P. Plageras and A. Papaioannou. Multivariate analysis of seven years drinking water quality data from Thessaly region-Central Greece. 11th International Conference on Environmental Science and Technology-2009 (CEST2009), September 3rd - 5th, 2009, Chania, Crete, Greece.
4. Mamali P., Samartzi F., Kantas D., Batzias C.G., Theodosiadou E., Tsakmakidis I., Rigas G., Vainas E., Goulas P. The effect of in vivo administration of albendazole and levamisole on in vitro maturation of ovine oocytes. 1st Pan-Hellenic Veterinary Congress of Reproductive animals, Hygiene-Safety of Food of Animal Origin and Consumer Protection, 2008, Paper A87, pag. 115-116.
5. V. Babidis, E. Valasi, D. Kalogiannis, D. Kantas, V. Christodoulou, J. Menegatos. Ovarian and thyroid activity of Florina ewes bred during the year. 1st Pan-Hellenic Veterinary Congress of Reproductive animals, Hygiene-Safety of Food of Animal Origin and Consumer Protection, 2008, Paper A82, pag. 105-106
6. D. Kantas, E. Dovolou, T. Tsiligianni, I. Valasi, P. Goulas. The effect of thiamazole in thyroid and ovarian activity in ewes of Karagouniko bred. Journal of the Hellenic Veterinary Medical Society, 2008, 59(1):40-45.
7. D. Kantas, I. Valasi, T. Tsiligianni, E. Dovolou, G. Rigas. Annual variation of thyroxine and progesterone concentrations in sheep of Chios and Karagouniko breeds. Journal of the Hellenic Veterinary Medical Society, 2008, 59(1):46-51.
8. J. Menegatos, S. Chadio, D. Kalogiannis, V. Babidis, I. Valasi, V. Christodoulou, D. Kantas. Contribution of the thyroid in the response to the "male effect" in ewes. Journal of the Hellenic Veterinary Medical Society, 2008, 59(1):52-57.
9. I. Valasi, TH Papanikolaou, TH Tsiligianni, E. Theodosiadou, D. Kantas, C. Deligiannis and GS Amiridis. Follicular Development after Repeated Ovum Pick-up (OPU) in Cyclic Ewes. Abstract P111, Reproduction in Domestic Animals, 2008, Volume 43, Issue s5 (p 85).
10. TH Tsiligianni, D. Kantas, E. Theodosiadou and GS Amiridis. Electrical Resistance (ER) of Ewe Cervical Mucus in Relation to Fertility. Abstract P123. Reproduction in Domestic Animals, 2008, Volume 43, Issue s5 (p 89).
11. P. Goulas, K. Petrotos, G. Rigas, D. Kantas, A. Moulas. Determination of the production system to characterize the lamb and goat meat (Hepirus) in order to obtain a quality stamp. Conference: "Assessment of production of indigenous breeds, innovation in bio-medical products and conservation of biodiversity in the border regions of Greece, under the CIP INTERREG III / A Greece-Italy Axis 2 -" Entrepreneurship " 28-29 September 2008, Metsovo
12. J. Skoufos, D. Krassos, J. Anastasiou, C. Voidarou, C. Xaxiris, D. Kantas, H. Giannenas, A. Tzora. The reasons for farmers involvement with organic sheep and goat production. 3rd International Conference on Organic Livestock Production "Ecotourism

and Organic Sheep and Goat Production: Quality and Innovation”, 20-21 September 2008, Agrinio.

13. D. Kantas, J. Ntafopoulos, G. Rigas, P. Goulas, K. Zoulfos, M. Chatzivlasiou. Effect of feeding technique on the quality and persistence of milk production of Chios bred ewes. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 235-242.

14. I. Valasi, K. Deligiannis, T. Tsiligianni, D. Kantas, T. Lainas, G. Amiridis. The duration of treatment with progestogens before applying artificial insemination affects the fertility of Karagouniko race ewes. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 75-79.

15. D. Kantas, N. Rigas, P. Goulas, G. Rigas, C. Makridis. The effect of *Bacillus Toyoi* administration in the growth of housed broiler chickens - Part I. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 90-101.

16. D. Kantas, N. Rigas, P. Goulas, G. Rigas, C. Makridis. The effect of *Bacillus Toyoi* administration in the growth of housed broiler chickens - Part II. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 102-114.

17. C. Svarnas, D. Kantas, C. Makridis, G. Rigas. Variation of the concentration of heavy metals in productive animals feed and waste: Actual Situation and Risks. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 121-126.

18. G. Rigas, D. Kantas, N. Rigas, K. Feggeros, V. Spirou. The effect of *Bacillus Toyoi* in broiler performance under different production systems (farming conditions). Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 127-137. (Citation: 1)

19. V. Spirou, P. Goulas, D. Kantas, G. Rigas, N. Rigas, C. Billinis. Epidemiological investigation of the infection of goats and sheep in the province of Ellassona from *Mycobacterium Paratuberculosis*, *Chlamydia Psittaci* and *Lenti-Virus*. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 146-157.

20. D. Kantas, N. Rigas, G. Rigas, K. Zoulfos, A. Kambamanoli. An efficient econometric model for assessing dry matter without fat and ash in goat milk. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 200-211.

21. V. Babidis, E. Dovolou, D. Kalogiannis, D. Kantas, V. Christodoulou, J. Menegatos. Annual variation in the concentration of thyroxine in Florina breed rams. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 221-226.

22. G. Rigas, V. Spirou, A. Papaioannou, D. Kantas, N. Rigas. Determination of Ash and Dry matter without fat content of cow's milk by using statistical methods. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 364-374.

23. C. Charatsari, E. Lioutas, N. Rigas, G. Rigas, D. Kantas. Exploring consumer attitudes of the prefecture of Trikala in organic meat products. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 375-385.

24. E. Lioutas, C. Charatsari, N. Rigas, D. Kantas. Educational Approach of the Chain: Farming-Retailer-Consumer of meat products. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 386-395.

25. G. Rigas, S. Papantoniou, D. Kantas, N. Rigas. An empirical research on organic products in Greece. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 406-416.
26. N. Rigas, D. Kantas, G. Rigas, P. Goulas, C. Makridis. The effect of *Bacillus Toyoi* addition in the growth of turkeys - Part I. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 417-430. (Citation: 1)
27. D. Kantas, N. Rigas, G. Rigas, P. Goulas, C. Makridis. The effect of *Bacillus Toyoi* addition in the growth of turkeys - Part II. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 431-444.
28. N. Rigas, D. Kantas, D. Fletouris, G. Rigas, N. Papastergiou. Application of econometric techniques in the calculation of ash and Dry matter without fat in ewes. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 445-454.
29. N. Rigas, P. Goulas, D. Kantas, G. Rigas, K. Zoulfos. An econometric model for the estimation of carcass weight 24 hours after slaughter of local kids from Elassona province. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 455-464.
30. K. Zoulfos, C. Makridis, D. Kantas, G. Rigas, A. Kambamanoli, K. Evaggelou, C. Svarnas. Quality characteristics of sheep's milk in selected regions of Thessaly. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 465-468.
31. N. Rigas, D. Kantas, G. Rigas, A. Papaioannou. The effect of *Bacillus Toyoi* addition in the growth of free-range broilers - Part I. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 469-479.
32. N. Rigas, D. Kantas, G. Rigas, A. Papaioannou. The effect of *Bacillus Toyoi* addition in the growth of free-range broilers - Part II. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 480-491.
33. K. Deligiannis, G. Arsenos, D. Kantas. Effect of natural zeolite on the performance of fattening lambs infected with nematodes. Proceedings of the 2nd Panhellenic Congress in Technology of Animal Production. Larissa 30/6-1/7 2008, pag. 514-516.
34. C. Makridis, G. Rigas, D. Kantas, B. Raptis, G. Basdras, N. Rigas. Land-planning distribution of breeding of sheeps and goats in the province of Elassona Larissa and her prospects of growth. Proceedings of the 5th Panhellenic Rangeland Congress, pag. 317-322, Heraclion of Crete, 1-3 November 2006.
35. D' Alessandro A, Martemucci G, Goulas P, Kantas D. Comparison of four and eight p-FSH injections of superovulatory treatment for in vivo embryo production in sheep and goats. 1st Panhellenic Congress on Technology of Animal Production, pag. 162-168, Arta 2005.
36. Politis I, Fegeros K, Nitsch S, Schatzmayr G, Kantas D. Use of *Trichosporon mycotoxinivorans* to suppress the effects of ochratoxicosis on the immune system of broiler chicks. *Bri. Poult. Sci.* 2005 Feb; 46(1): 58-65. (Citations: 16)
37. P. Goulas, D. Kantas, P. Tzimas, A. Karagiannidis. The influence of the rearing method of the Greek indigenous goat on the suckling kids meat quantity produced and the carcass yield weight in comparison with the carcass of suckling kids of Zaanen breed. 1st Panhellenic Congress on Technology of Animal Production, pag. 177-195, Arta 2005.
38. Kantas D., Goulas P., Tzimas P., Rigas G., Papatzikou C. The influence of the addition of *Bacillus toyoi* in performance parameters of broilers. 1st Panhellenic Congress in Technology of Animal Production, pag. 246-254, Arta 2005. (Citations: 3)

39. Kantas D., Zoulfos K., Makridis C., Dimosiou K. Heavy metals in food chain. 3rd Hellenic Symposium on Food Hygiene & Food Technology, Vol. A, pag. 322-328, Athens 2004.
40. C. Feggeros, S. Fragou, D. Kantas. Effect of exogenous enzymes addition in growing piglets diets on nutrient digestibility. Hellenic Animal Science Review, June 2004, issue32, pages 3-13.
41. Balascas C., Mountzouris K., Kantas D., Heidler D, Feggeros K. Histological lesions in broilers chickens following the incorporation of mycotoxins in the ration. 3rd Hellenic Symposium on Food Hygiene & Food Technology, Vol. A, pag. 405-409, Athens 2004
42. Y. Tsakmakidis, A. Limberopoulos, D. Kantas, K. Alexopoulos, S. Kyriakis. Occurrence of mycotoxins in swine feeds and the impact of their concentrations on clinical signs of mycotoxicosis. 9th Panhellenic Veterinary Congress, Thessaloniki, 2002, pages 262-263.
43. C. Feggeros, M. Florou, D. Kantas. The effect of enzymes supplementation on the nutritive value of pig rations. 51st European Association for Animal Production, The Hague, August 2000.
44. Alexopoulos C., Tsinas A., Kantas D., Florou- Paneri P., Read M.P., Vassilopoulos V., Kyriakis S.C. A dose titration study on the effect of virginiamycin on specific blood parameters and milk quality in the sow. Zentralbl Veterinarmed A, 1998, 45(9): 535-542. (Citations: 7)
45. Kantas D., Vassilopoulos V., Kyriakis S.C., Saoulidis K. A dose titration study on the effect of virginiamycin on gilt/sow and piglet performance. Zentralbl Veterinarmed A, 1998, 45(9): 525-533. (Citations: 10)
46. Florou- Paneri P., Kantas D., Alexopoulos C., Tsinas A., Vassilopoulos V., Kyriakis S.C. A comparative study on the effect of a dietary multi-enzyme system and / or virginiamycin on weaned piglet performance. Proceedings of the 15th I.P.V.S. congress, 1998, vol. 3, p: 35. (Citations: 2)
47. Kantas D., Florou- Paneri P., Vassilopoulos V., Kyriakis S.C. The effect of a dietary multi-enzyme system on piglet post-weaning performance. Proceedings of the 15th I.P.V.S. congress, 1998, vol. 2, p: 145. (Citations: 3)
48. Kyriakis S.C., Vassilopoulos V., Kantas D., Alexopoulos C., Florou- Paneri P., Saoulidis K, Read MP. The effect of virginiamycin on: IV. Blood cholesterol and total lipids concentrations of gilt/sow during three breeding cycles. Proceedings of the 14th I.P.V.S. congress, 1996, p: 441.
49. Kyriakis S.C., Vassilopoulos V., Kantas D., Florou- Paneri P., Alexopoulos C., Saoulidis K, Read MP. The effect of virginiamycin on: III. Milk quality of sows. Proceedings of the 14th I.P.V.S. congress, 1996, p: 440. (Citation: 1)
50. Kantas D., Alexopoulos C., Vassilopoulos V., Florou- Paneri P., Saoulidis K, Read MP, Kyriakis S.C. The effect of virginiamycin on: II. Litter size and litter performance. Proceedings of the 14th I.P.V.S. congress, 1996, p: 410. (Citations: 2)
51. Kantas D., Florou- Paneri P., Saoulidis K., Vassilopoulos V., Alexopoulos C., MP Read, Kyriakis S.C. The effect of virginiamycin on: I. Gilt and sow performance. Proceedings of the 14th I.P.V.S. congress, 1996, p: 409. (Citation: 1)
52. Kyriakis S.C., Vlemmas J., Papatsas J., Tsinas A.C., Sarris K., Kantas D. Control of the Post-Weaning Oedema Disease (PWOD) of piglets with amperozide (AMP) and melperone (MEL). Proceedings of the 13th I.P.V.S. congress, 1994, p: 237. (Citations: 3)

53. P. Florou-Paneri, S. Kyriakis, A. Tsinas, D. Kantas, K. Alexopoulos. Comparative study on the performance of pigs from the integration of different dietary fats. Bull. of the Hellenic Veterinary Society, 1994, 45(3): 224-230.
54. S. Kyriakis, K. Saoulidis, K. Sarris, Y. Papatsas, D. Kantas. Swine Influenza. Latest information and current situation in Greece. Bull. Hellenic Veterinary Society, 1992, 43(2): 89-94. (Citations: 2)
55. S.C. Kyriakis, K. Sarris, O. Papadopoulos, V. Vassilopoulos, D. Kantas. The effect of virginiamycin (VM) on the adhesive *E. coli* in sows and in piglets pre- and post- weaning. Proceedings of the 12th I.P.V.S. congress, 1992, p: 623. (Citations: 3)

Teaching

Animal Nutrition I : 2002-today
 Physiology of Farm Animals: 2002-today
 Genetics: 2005-2010 (Easter Semester)
 Ecology and Environmental Protection: 2005-today
 Animal Nutrition II: 2006-today and
 Improvement of Farm Animals: 2006-today

"Applied Physiology and Livestock products" in the first and second cycles of the Master Degree organized by the University of Bari, Italy and the Faculty of Agricultural Technology, TEI of Larissa, entitled " Production of Zootechnic and Plant and Quality Product in a Mediterranean Environment"

Research projects

- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and PFIZER LTD entitled "Safety and efficacy of Improvac in male pigs"
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and PHYTOBIOTICS FUTTERZUSATZSOFFE GMBH entitled "The effect of Sangrovit, a natural feed additive on the performance and health status of growing and finishing pigs"
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and PHYTOBIOTICS FUTTERZUSATZSOFFE GMBH entitled "The effect of Sangrovit, a natural feed additive on the performance and health status of weaned piglets"
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and RUBINUM VET S.A. entitled "The effect on production performance of the addition of the probiotic Toyocerin in the feed of turkeys"
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and VETERIN S.A. entitled "Study of residues in edible pig tissues after the administration of water-soluble formulation of oxytetracycline and after the administration of a lincomycin-spectinomycin premix".
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and ASAHI VET S.A. entitled "The effect on

production performance of the addition of the probiotic Toyocerin in the feed of broilers under semi intensive farming conditions"

- Member of the research team of the program "Assessment of production of indigenous breeds, biomedical product innovation and maintenance of biodiversity in the border areas of Greece and Italy" under the INTERREG III GREECE-ITALY program, with head investigator Dr. Athena Tzora. Participation in Objective 2.3 "entitled: "Evaluation of the quality and nutritional characteristics of lamb and kid meat (Composition of diets and feed analysis)".
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and ASAHI VET S.A. entitled "The effect on production performance of the addition of the probiotic Toyocerin in the feed of broilers under commercial farming conditions"
- Head Coordinator of the cooperation program between the the ERC of TEI of Larissa and VETHELLAS S.A. entitled " Effect of feed acids on productive performance of pigs"
- Member of the main research team of the research project "Assessment of input - output of heavy metals in animal husbandry and their variation in animal origin products intended for human consumption", with head investigator Dr. Chris Makridis, funded under the program "Archimedes II - SUPPORT RESEARCH GROUPS IN TEI"
- Head Investigator of the research project "Influence of thyroid gland hormones in reproductive expression of indigenous breeds of sheep" funded under the program "Archimedes II - SUPPORT RESEARCH GROUPS IN TEI"
- Member of the main research team of the research project "The influence of chemical pollutants and anthelmintic medicines in the reproductive system of livestock animals" with head investigator Dr. Panagiotis Goulas, funded under the program "Archimedes I - SUPPORT RESEARCH GROUPS IN TEI."
- Head Coordinator of the cooperation program between the ERC of TEI of Larissa and CEVA HELLAS LTD entitled "The effect of pheromones on behavior and productive performance of pigs"

Other Activities

Chairman of the organizing committee of the 2nd National Congress on Technology of Animal Production held at Larissa between June 30 to July 1, 2008. Member of the Scientific Committee and reviewer in the above conference. Responsible for the issuance of the proceedings of the conference (ISBN: 978-960

Member of the College of Professors for Doctoral and Postdoctoral Students of the University of Bari (Document Ref 18366 III / 6 -28 February 2008, Department of doctoral and postdoctoral).

Member of the Quality Assurance Unit (MO.DI.P) of TEI of Larissa.