

Personal Data

Name: Dimitris Kantas
Date of Birth: 4 November 1963,
Address: Department of Animal Science
411 10 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.

2006. Resident Assistant Professor, Department of Animal Production

2011. Associate Professor, Department of Animal Production

2016. Professor of the Department of Agricultural Technology - Animal Production

2019. Professor of the Department of Animal Science, University of Thessaly.

Selected Publications

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.

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.

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.

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.

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.

Kantas D., Valasi E., Tsiligianni T., Ntovolou E., Rigas G. (2008). Annual concentration of thyroxin and progesterone in Karagouniko and Chios ewes. Journal of the Hellenic Veterinary Medical Society; 59(1):46-51.

Kantas D., Ntovolou E., Tsiligianni T., Valasi E., Goulas P. (2008).The effects of thiamizole in thyroid and ovarian activity of Karagouniko breed ewes. Journal of the Hellenic Veterinary Medical Society; 59(1):40-45.

Menegatos J., Chadio S., Kalogiannis D., Bambidis V., Valasi I., Christodoulou V., **Kantas D.** (2008). Impact of thyroid status on the response to ram effect in ewes. Journal of the Hellenic Veterinary Medical Society, 59(1): 52-57

V. G. Papatsiros, E. D. Tzika, P. D. Tassis, **D. Kantas**, L. C. Filippopoulos and D. S. Papaioannou Greek experience of the use of phytogetic feed additives in organic pig farming. (2011). Journal

of Cell and Animal Biology Vol. 5 (16), pp. 320-323.

P. G. Ipsilandis, N. Batis, **D. Kantas**, I. Papadopoulos, P. Trivellas. 2012. Experiences gained from the implementation of Quality Management processes at a Greek Higher Education Institution. Cultural, organizational and stakeholder issues. EUA Case Studies 2012, Quality and Trust: at the heart of what we do. (A selection of papers from the 6th European Quality Assurance Forum - EQAF 2011, 17-19/11/2011, Antwerp, Belgium), pp. 36 -45.

P. Trivellas, P. Ipsilantis, I. Papadopoulos and **D. Kantas** (2012). Challenges for Quality Management in Higher Education - Investigating Institutional Leadership, Culture and Performance, Quality Assurance and Management, Prof. Mehmet Savsar (Ed.), ISBN: 978-953-51-0378-3, InTech, DOI: 10.5772/33776. Available from:<http://www.intechopen.com/books/quality-assurance-and-management/challenges-for-quality-management-in-highereducation-investigating-leadership-culture-and-performan>

D. Kantas, V. Papatsiros, P. Tassis, E. Tzika, M. C. Pearce and S. Wilson. 2014. Effects of early vaccination with a Gonadotropin releasing factor analog-diphtheria toxoid conjugate on boar taint and growth performance of male pigs. *J. ANIM. SCI.*, Vol. 92 No. 5, p. 2251-2258. Published online before print March 18, 2014, doi: 10.2527/jas.2013-6924 March 18, 2014 *jas.2013-6924*

Dimitrios Kantas, Vasileios G. Papatsiros, Panagiotis D. Tassis, Labrini V. Athanasiou and Eleni D. Tzika. 2015. The effect of a natural feed additive (*Macleaya cordata*), containing sanguinarine, on the performance and health status of weaning pigs. *Anim. Sci. J.* 2015, 86, 92–98

Dimitrios Kantas, Dimitrios Kalfountzos, Nikolaos Gougoulas, Panagiotis Vyrlas. 2014. Chemical properties of a sandy loam soil, amended with liquid waste from biogas production, in vitro. *Annals of the University of Craiova*, Vol XIX (LV) 2014, pp 487- 492

George Papapolymerou, Nikolaos Gougoulas, Xenofon Spiliotis, Vayos Karayannis, **Dimitrios Kantas**, Serafeim Papadopoulos, Athanasios Kokkalis, Lampros Ntoufas. Effect of Different Concentrations of Macronutrients on the Growth Rate of the Algae Specie *Chlorella Vulgaris*. *Annals of the University of Craiova*, Vol XIX (LV) 2014, pp 557 – 562

V. Alexandridis, B. Skapetas, **D. Kantas**, P. Goulas and A. Eleftheriadou, 2014. Effect of slaughter weight, carcass weight and sex on the carcass fatty acid composition of Boutsiko breed lambs. *Iranian Journal of Applied Animal Science* (2014) 4(4), 753-759

D. Kantas, V.G. Papatsiros, P.D. Tassis, I. Giavasis, P. Bouki and E.D. Tzika. 2015. A feed additive containing *Bacillus toyonensis* (Toyocerin_) protects against enteric pathogens in postweaning piglets. *J Appl Microbiol.* Mar;118(3):727-38. doi: 10.1111/jam.12729. Epub 2015 Jan 20. ISSN 1364-5072

Konstantinos Gerasopoulos, Dimitrios Stagos, Stylianos Kokkas, Konstantinos Petrotos, **Dimitrios Kantas**, Panagiotis Goulas, Dimitrios Kouretas. Feed supplemented with byproducts from olive oil mill wastewater processing increases antioxidant capacity in broiler chickens, *Food and Chemical Toxicology*, Volume 82, August 2015, Pages 42–49

V. Alexandridis, B. Skapetas, **D. Kantas** , P. Goulas and M. Kalaitzidou. Evaluation of the impact of carcass weight, age at slaughter, and sex on the chemical composition of lamb meat: The case of the Boutsiko sheep breed. Acceptance Letter (IJAS-15-40). Article in Press: Will published in **Volume 6 (Issue 1) or Volume 6 (Issue 2)** of IJAS.

St. Leontopoulos, N. Gougoulas, **D. Kantas**, L. Roka and Ch. Makridis. (2015). Heavy Metal

Accumulation in Animal Tissues and Internal Organs of Pigs Correlated with Feed Habits. *Bulgarian Journal of Agricultural Science*, 21 (No 3) 2015, 699-703.

S. Papadopoulos, E. Theodosiadou, **D. Kantas**, I. Valasi. The application of in vitro fertilization techniques for the evaluation of ram fertility. *J HELLENIC VET MED SOC* 2015, 66(2): 63-69.

Konstantinos Gerasopoulos, Dimitrios Stagos, Konstantinos Petrotos, Stylianos Kokkas, **Dimitrios Kantas**, Panagiotis Goulas, Dimitrios Kouretas. Feed supplemented with polyphenolic byproduct from olive mill wastewater processing improves the redox status in blood and tissues of piglets. *Food and Chemical Toxicology*, Volume 86, December 2015, Pages 319–327

Gougoulias, N., Kalfountzos, D., **Kantas, D.**, Vyrlas, P., Papachatzis, A. Effects of biogas production liquid waste on the chemical properties of soil mixture with manure. *Annals of the University of Craiova*, 2015 Vol.20 pp.427-432 ref.12

Vasileios G. Papatsiros, Labrini V. Athanasiou, Despina Stougiou, Elias Papadopoulos, Giorgios G. Maragkakis, Panagiotis D. Katsoulos, Menelaos Lefkaditis, **Dimitrios Kantas**, Eleni D. Tzika, Panagiotis D. Tassis, and Sofia Boutsini. Cross-Sectional Serosurvey and Risk Factors Associated with the Presence of *Toxoplasma gondii* Antibodies in Pigs in Greece. *VECTOR-BORNE AND ZOONOTIC DISEASES*, Volume 16, Number 1, 2016: 48-53.

Papadopoulos S., Deligiannis C., Theodosiadou E.K., **Kantas D.**, Lainas Th., Goulas P., Fthenakis G.C., Valasi I. Fertility rate of short-term progestagen pretreated ewes in relation to breed: A field study. *J HELLENIC VET MED SOC* 2017, 68(1): 035-044.

Kafantaris, I., Stagos, D., Kotsampasi, B., **Kantas, D.**, Koukoumis, V., Moschonas, N., . . . Kouretas, D. (n.d.). Whey protein concentrate improves antioxidant capacity, faecal microbiota and fatty acid profile of growing piglets. *The Journal of Agricultural Science*, 1-11. doi:10.1017/S0021859619000224

Full papers in International conferences: 14

Full papers in National conferences: 42

Abstracts in International Conferences: 14

Abstracts in National conferences: 16

Teaching

Animal Nutrition I

Physiology of Farm Animals

Genetics

Ecology and Environmental Protection

Animal Nutrition II

Genetic Improvement of Farm Animals

Pig Farming

Feeds and Feedstuffs

"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"

“Applied Animal Nutrition” & “New Technologies in Animal Nutrition” in the first and second cycles of the Master Degree “Modern Technologies in the Agricultural Sector and Environmental Management” organized by the Department of Agricultural Engineering Technologists of the Technological and Educational Institute of Thessaly.

“Uses of Aromatic and Medicinal Plants in Animal Husbandry” in the first, second and third cycle of the Master Degree “Integrated Management of Aromatic and Medicinal Plants” organized by the Department of Agricultural Engineering Technologists of the Technological and Educational Institute of Thessaly.

Research projects

- Head Coordinator of the program «CowficieNcy Horizon mrsa-rise-2017».
- Head Coordinator of the cooperation program between the ERC of TEI of Thessaly and Latochema Co Ltd, entitled: « The effect of in feed administration of Ammonium Chloride via food in sows during the breeding cycle».
- Member of the research team of the program «LACTIMED-GT5», funded by EU.
- Head Coordinator of the cooperation program between the ERC of TEI of Larissa and K & N EFTIMIADIS SA, entitled: «Use of hay and legume seeds to replace soybean meal in sheep nutrition».
- Head Coordinator of the Ministry of Education and Religious Affairs General Secretariat Project entitled: "Scientific support of Young Farmers: a) Creation of Certified Animal Products b) Business Guide for the Creation of New Livestock Units».
- Head Coordinator of the cooperation program between the ERC of TEI of Larissa and RUBINUM VET S.A., entitled: «Study of the effect of probiotic TOYOCERIN on the production characteristics of weaned pigs».
- Head Coordinator of the cooperation program between 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 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 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 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 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 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 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 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: 978-960-98411-3-9)

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 and of TEI of Thessaly.

Member of the Quality Assurance Unit (MO.DI.P) of the University of Thessaly.

President of the Department of Animal Production.

President of the Department of Agricultural Engineering Technologists.

Dean of the School of Agricultural Technology