

CURRICULUM VITAE



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DATE AND PLACE OF BIRTH: 30 August 1966, Corfu, Greece
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EDUCATION AND TITLES

Doctoral Thesis (PhD)	1993 - 1996	Aristotle University of Thessaloniki, School of Veterinary Medicine
Degree in Veterinary Medicine (DVM)	1984-1992	Aristotle University of Thessaloniki, School of Veterinary Medicine

PROFESSIONAL EXPERIENCE AND ADVANCEMENT

Professor in Pharmacology and Internal Medicine of Farm Animals Division of Animal Science, Department of Agriculture, University of Ioannina, Arta, Greece	October 2018 up today
Professor in Pharmacology and Internal Medicine of Farm Animals Department of Animal Production, Technological Educational Institute of Epirus, Arta, Greece	September 2012 – September 2018
Associate Professor in Pharmacology and Internal Medicine of Farm Animals Department of Animal Production, Technological Educational Institute of Epirus, Arta, Greece	March 2006 – September 2012
Full Merit Scientific Collaborator (equivalent to Assistant Professor) in Pharmacology and Internal Medicine of Farm Animals Department of Animal Production, Technological Educational Institute of Epirus, Arta, Greece	September 2002 – March 2006

R&D Technical Manager Ecopharm Hellas S.A., Kilkis, Greece (production and development of livestock natural feed additives)	February 2000 – March 2006
Scientific Consultant Veterin S.A., Aspropyrgos, Greece (Greek veterinary drug company)	September 2000 – February 2002
Technical Consultant Schering-Plough S.A., Animal Health Division, Ag. Dimitrios, Greece	October 1998 – April 2000
Scientific Collaborator (unpaid) Clinic of Productive Animals, School of Veterinary Medicine, Aristotle University of Thessaloniki, Greece	February 1997 – June 1998
Scientific Collaborator (contractor) Clinic of Productive Animals, School of Veterinary Medicine, Aristotle University of Thessaloniki, Greece	April 1996 – January 1997
Military Veterinarian Veterinary Support Division, Medical Corps, Greek Army	June 1994 – December 1995
Veterinary Practitioner Technical consultant for livestock enterprises in Macedonia and Thessaly, Greece	May 1993 – February 2000

RESEARCH INTEREST

1. Veterinary Pharmacology: dose titration and field evaluation of medical substances in farm animals.
2. Functional foods, natural feed additives/growth promoters and animal health.
3. Infectious diseases in farm animals: prevention, control and treatment.
4. Correlation of health and productivity in farm animals.

TEACHING EXPERIENCE

- Professor in Pharmacology and Internal Medicine of Farm Animals
- Post Graduate Program in Agriculture and Environment

SCIENTIFIC PROJECTS PARTICIPATION

1. *Clinical and statistical evaluation of virginiamycin in sow feeds*. Research Committee of the Aristotle University of Thessaloniki, 1996-1997.
2. *Clinical evaluation of vaccination against PRRS in growing-fattening pigs*. Research Committee of the Aristotle University of Thessaloniki, 1996-1997.
3. *Prevention and control of post weaning diarrhoea syndrome (PWDS) of piglets by applying in-feed an oregano extract*. Research Committee of the Aristotle University of Thessaloniki, 1997.
4. *Clinical evaluation of in-feed chlorotetracycline for the health status and productivity of the sow and its litter*. Research Committee of the Aristotle University of Thessaloniki, 1997 - 1998.
5. *Evaluation and dose titration of the probiotic LSP 122 in piglets*. Research Committee of the Aristotle University of Thessaloniki, 1997.
6. *Clinical evaluation of the vaccine Stellamune Mycoplasma in a pig farm suffering by enzootic pneumonia*. Research Committee of the Aristotle University of Thessaloniki, 1998.
7. *Experimental application and evaluation of clinoptilolite as a natural feed additive in swine health and productivity*. Research Committee of the Aristotle University of Thessaloniki, 1998.
8. *Study of the antioxidant function of isolated aromatic molecules of Oregano vulgare L. spp hirtum (Greek variety) in vitro and in vivo*. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, project No 10010-3.
9. *Evaluation of indigenous breeds production in relation to the ecosystem biodiversity and to the production of novel milk products*. Ministry of Education, Research Committee, Technological Educational Institution, E.E.C FUND INTERREG IIIA, Greece – Italy, from 1.10.2007 until 30.09.2008, project No 2009.
10. *Supporting Operation Unit's Quality Assurance (MODIP) TEI of Epirus 'Operational Program' Education and Lifelong Learning*, NSRF 2007-13, duration from 09.01.2010 to 31.01.2012.
11. *Performance Evaluation of Tilmicosin Phosphate (Pulmotil® Premix) in Pigs*, funded by Elanco Hellas S.A., 2010-2011.
12. *Application of “omic” Technologies for the Genetic Characterization, of Indigenous - Greek Dairy Breeds of Goats and Sheep, for the Improvement of their Production and for the Identification of Potential Bioactivity of their Milk*, E.U. co-funded, National Action «Cooperation 2009», Sub-action «Large Scale Cooperative Projects», NSRF 2007-13, Aug., 2011-Dec. 2015.
13. *Studies On The Possible Bio-Active Properties Of Milk Produced By Rare Indigenous Greek Goat And Sheep Breeds, Related To The Production Of Novel Milk Based Foods*, EU co-funded NSRF 2007-13, 2011-2013.
14. *Assessment of techniques and technologies for reducing the environmental footprint of poultry*, EU co-funded NSRF 2007-13, 2012-2015.
15. *Tendon Therapy Train, Engineering in vitro microenvironments for translation of cell-based therapies for tendon repair*», Horizon 2020 - Research and Innovation Framework, Marie Skłodowska-Curie Actions, Programme Training Networks, 2018-2020.
16. *Efficacy of TYPLEXTM in broilers*, funded by Akeso Biomedical Inc. USA, 2016-2017.
17. *Comparison trials on the effects of essential oil blends in broiler chickens*, funded by

DSM SA., 2018

18. *A consortium for comprehensive molecular characterization of food products (FoodOmicsGR)*, in the thematic priority Agrofood, Research and Innovation Infrastructure, 2nd call, EPANEK, 2014-2022.
19. *ECO-FISH: Management of the ecological footprint in cross-border marine fish farming for innovative aquaculture production*, Interreg project Greece-Albania 2014-2020, 2017-2022.
20. *Research studies on the use of alternative proteinaceous feeds in livestock production aiming to reduce production cost and to apply innovative processes for the production of traditional dairy products with superior quality characteristics*, EU co-funded, National Frame “Research, Development and growth of MMA enterprises” A’ cycle Research, Technological growth & Innovation, 2017-2021.
21. *Development of a broiler meat production system with minimized environmental impact and antibiotic free*, EU co-funded, National Frame “Research, Development and growth of MMA enterprises” A’ cycle Research, Technological growth & Innovation, 2017-2021.
22. *Innovative poultry production using probiotics and pharmaceutical substances of plant origin, mainly from the region of Epirus, free of anticoccidial drugs, in order to produce broiler meat of premium quality*, EU co-funded NSRF 2014-20, 2018-2021.
23. *Innovative Use of Olive, winery and cheese waste by products in animal nutrition for the production of functional foods from animals*, Interreg V, Greece-Italy Programme 2014-2020, 2018-2021.

SOCIETY MEMBERSHIP

- Hellenic Veterinary Association
- Hellenic Veterinary Society
- Geotechnical Chamber of Greece

SCIENTIFIC PUBLICATIONS

My scientific work consists of 92 papers or group of publications, where:

- 6 are monographs and in other 8 I am the principal investigator,
- 39 were published in peer reviewed international journals,
- 18 were published in peer reviewed Greek journals,
- 36 were announced at peer-reviewed conferences and the full text was published in the proceedings,
- 21 were announced at conferences and the abstract was published in the proceedings.
- 5 were announced at special conferences,
- 10 were published in farm magazines.

In total, 23 papers are published in peer-reviewed scientific journals, classified in Journal Citation Reports 2020 list (Web of Knowledge ®, ISI) gathering on October 2021 a cumulative impact factor of 28.312.

According to the Science Citation Index Report (Scopus ®, Elsevier BV), until October 2021 there are 324 citations of my published work, gaining an *h* index of 9.

Selective publications:

The effect of monensin in the control of transmissible gastroenteritis (TGE) of pigs. S.C. Kyriakis, J.C. Vlemmas, J.C. Mavromatis, A.C. Tsinas, S.G. Lekkas and T.A. Tsangaris. *Swine Health and Production*, 1993, 1(6):15-18.

The effect of the use of tiamulin (TIA) in the feed alone or in combination with salinomycin (SAL) for the control of Porcine Intestinal Adenomatosis (PIA) of growing/fattening pigs. S.C. Kyriakis, A.C. Tsinas, S. Lekkas, K. Sarris and E. Bourtzi-Hatzopoulou. *Proceedings of the 13th IPVS Congress*, p.346, Bangkok, Thailand.

The effect of salinomycin on the control of Clostridium perfringens type A infection in growing pigs. S.C. Kyriakis, K. Sarris, S.K. Kritas, K. Saoulidis, A.C. Tsinas and V.K. Tsiloyiannis. *Journal of Veterinary Medicine series B*, 1995, 42: 355-359.

Clinical evaluation of in-feed zinc bacitracin for the control of porcine intestinal adenomatosis in growing/fattening pigs. S.C. Kyriakis, A. Tsinas, S. Lekkas, K. Sarris and E. Bourtzi-Hatzopoulou. *Veterinary Record*, 1996, 138: 489-492.

Effect of a paramunity inducer on reproductive performance of gilts. S.C. Kyriakis, C. Alexopoulos, K. Giannakopoulos, A.C. Tsinas, K. Saoulidis, S.K. Kritas and V. Tsiloyiannis. *Journal of Veterinary Medicine series A*, 1996, 43: 483-487.

Control of proliferative enteropathy in growing/fattening pigs using growth promoters. A.C. Tsinas, S.C. Kyriakis, S. Lekkas, K. Sarris, E. Bourtzi-Hatzopoulou and K. Saoulidis. *Journal of Veterinary Medicine series B*, 1997, 45: 115-127.

Effect of an inactivated Parapoxvirus based immunomodulator (Baypamun) on post weaning diarrhoea syndrome and wasting syndrome of piglets. S.C. Kyriakis, E.D. Tzika, D.N. Lyras, A.C. Tsinas, K. Saoulidis and K. Sarris. *Research in Veterinary Science*, 1998, 64: 187-190.

A dose titration study on the effect of virginiamycin on specific blood parameters and milk quality in the sow. C. Alexopoulos, A. Tsinas, D. Kantas, P. Florou-Paneri, M.P. Read, V. Vassilopoulos and S.C. Kyriakis. *Journal of Veterinary Medicine series A*, 1998, 45: 535-542.

Control of post weaning diarrhoea syndrome of piglets by in-feed application of origanum essential oils. S.C. Kyriakis, K. Sarris, S. Lekkas, A.C. Tsinas, C. Giannakopoulos, C. Alexopoulos and K. Saoulidis. *Proceedings of the 15th IPVS Congress*, volume 3, p.218, Birmingham, England.

Use of origanum essential oils as growth promoter in pigs. A.C. Tsinas, C. Giannakopoulos, A. Papasteriades, C. Alexopoulos, J. Mavromatis and S.C. Kyriakis. *Proceedings of the 15th IPVS Congress*, volume 3, p.220, Birmingham, England.

Control of porcine proliferative enteropathy by in-feed application of origanum essential oils. A.C. Tsinas, S.C. Kyriakis, E. Bourtzi-hatzopoulou, M. Arsenakis, K. Sarris, A. Papasteriades and S. Lekkas. *Proceedings of the 15th IPVS Congress*, volume 3, p.106, Birmingham, England).

- The effect of probiotic LSP122 on the control of post weaning diarrhoea syndrome of piglets.** S.C. Kyriakis, V.K. Tsilyoiannis, J. Vlemmas, K. Sarris, A.C. Tsinas, C. Alexopoulos, L. Jansegers. *Research in Veterinary Science*, 1999, 67(3): 223-228.
- The use of an immunomodulator to enhance the reproductive performance of gilts transported for long distances from breeding to commercial units.** Ph. Saratsis, C. Alexopoulos, J. Mavromatis, A.C. Tsinas and S.C. Kyriakis. *Reproduction of Domestic Animals*, 1999, 34: 67-70.
- Field evaluation of a live vaccine against porcine reproductive and respiratory syndrome in fattening pigs.** Mavromatis, I., Kritas, S.K., Alexopoulos, C., Tsinas, A., Kyriakis, S.C. *Journal of Veterinary Medicine, Series B*, 1999, 46 (9): p. 603-612.
- Oregano essential oil in sow diets improves sows and piglet performance.** Rafael Cabrera, Nicole Jordan, Mark Wilson, Jim Hedges, Jeff Knott, Russell Fent, Shelly Widmer, Anastasios Tsinas, Martha A Mellencamp. *Proceedings of the American Association of Swine Veterinarians Congress, 2008*, p. 193-196.
- 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).** Tzora A., Fotou K., Anastasiou I., Giannouli A., Metsios A., Kantas D, D' Alessandro G. A., Giannenas I., Goulas P., Tsinas, A. *9th EAAP Annual Meeting 2009, «Biodiversity and Sustainable Animal Production Systems: economic, environmental and social aspects», 24-27 August 2009, Barcelona*, p. 84.
- Effects of an oregano based dietary supplement on performance of broiler chickens experimentally infected with *Eimeria acervulina* and *Eimeria maxima*.** Tsinas A., Giannenas I., Voidarou C. and Skoufos J. *Journal of Poultry Science*, 2011, 48(3): 194-200.
- Microbial challenges of poultry meat production.** C. Voidarou, D. Vassos, G. Rozos, A. Alexopoulos, S. Plessas, A. Tsinas, M. Skoufou and E. Bezirtzoglou. *Anaerobe*, 2011, 17(6): 341-343
- Functional responses of human and rabbit platelets induced by milk from indigenous Greek dairy goats (*Capra Prisca*) and the role of goat milk as a natural antioxidant.** Ioannis Skoufos, Apostolos Metsios, Athina Tzora, Anastasios Tsinas, George C. Fthenakis, George Th. Tsangaris, Georgios Arsenos, Spiros Karkabounas. *Proceedings of WCAP 2013*, p. 342-343.
- Performance evaluation of tilmicosin phosphate in pigs.** Anastasios Tsinas, Ioannis Skoufos, Athina Tzora, Ioannis Delis, Ioannis Liambis, Iosif Gkikas, Ioannis Karakousis and Vassilis Giannakis. *Proceedings of WCAP 2013*, p. 349-350.
- Alternative protein sources to soybean meal in pig diets.** P. Florou-Paneri, E. Christaki, I. Giannenas, E. Bonos, I. Skoufos, A. Tsinas, A. Tzora, J. Peng. *Journal of Food, Agriculture and Environment*, - JFAE, (2014), Vol. 12, Iss. 2, 2014, p. 655-666.
- A study of a commercial product based on attapulgate (ULTRAFED®), for the determination of its in vitro protective action, against *E. Coli* and *Cl. perfringens* toxigenic strains in the pig.** Skoufos I., Verginadis I., Simos I., Tzora A., Mentis A., Tsinas A., Magklaras G., Theofilou N., Karkabounas Sp., *65th Annual Meeting of the European Federation of Animal Science*, 25-29 August 2014, Copenhagen, Denmark, proc. p.121.
- Rapeseed meal as an alternative to soybean meal proteinaceous feed for growing – finishing pigs.** I. Giannenas., E. Bonos., E. Christaki., P. Florou-Paneri., I. Skoufos., A. Tsinas., A. Tzora and J. Peng. *65th Annual Meeting of the European Federation of Animal Science*, 25-29 August 2014, Copenhagen, Denmark, proc. p.422.
- Study on the prevalence of subclinical mastitis and the related bacterial flora in the raw**

- milk of primiparous indigenous Greek goats.* Tzora Athina, Voidarou Chrissa, Giannenas Ilias, Tsinas Anastasios, Skoufos Ioannis. *J. Journal of Veterinary Science and Research.* 2015, 1(4): 022, p.1-7.
- Effects of oregano, attapulgit, benzoic acid on gut health of broiler chickens.** Skoufos, I., Giannenas, I., Papaioannou, N., Tsinas, A., Skoufos, S., Anastasiou, J., Tzora, A. *Annual Meeting of the European Federation of Animal Science, Belfast United Kingdom, 29 August-2 September, Book of Abstracts No 22 (2016), p.321.*
- Dietary inclusion of rapeseed meal as soybean meal substitute for on growth performance, gut microbiota, carcass chemical composition, oxidative stability and fatty acid profile in growing-finishing pigs.** A. Tzora, I. Giannenas, E. Bonos, N. Papagiannis, A. Tsinas, E. Christaki, P. Florou-Paneri. *Asian Journal of Animal and Veterinary Advances*, 2016, 11(2): 89-97. DOI: 10.3923/ajava.2016.89.97.
- Effects of *Enterococcus faecium*, mannan oligosaccharide, benzoic acid and their mixture on growth performance, intestinal microbiota, intestinal morphology and blood lymphocyte subpopulations of fattening pigs.** I. Giannenas, D. Doukas, A. Karamoutsios, A. Tzora, E. Bonos, I. Skoufos, A. Tsinas, E. Christaki, D. Tontis, P. Florou-Paneri. *Journal Animal Feed Science and Technology* (2016) vol. 220: 159-167. DOI: <http://dx.doi.org/10.1016/j.anifeedsci.2016.08.003>.
- Oregano and sage essential oils improve antioxidant status of raw and cooked breast and thigh chicken meat.** I. Giannenas., A. Karamoutsios., Th. Bartzanas., A. Tsinas., A. Tzora., I. Skoufos. *Agro FOOD industry Hi Tech*, 2016, vol. 27(4): 24-29.
- Milk quality characteristics of indigenous sheep breeds Boutsko, Frisarta and Karagouniko.** Skoufos I., Giannenas I., Karamoutsios A., Tsinas A., Papadopoulos G. K., Tzora A. *J Hellenic Vet Med Soc.* 2017, 68(1) p. 59-66.
- Effect of herbal feed additives on performance parameters, intestinal microbiota, intestinal morphology and meat lipid oxidation of broiler chickens.** Ilias Giannenas, Eleftherios Bonos, Ioannis Skoufos, Athina Tzora, Ioanna Stylianaki, Diamanto Lazari, Anastasios Tsinas, Efterpi Christaki, Panagiota Florou-Paneri. *British Poultry Science* (2018), 59(5): 545-553.
- In vitro techniques to evaluate anticoccidial properties of phytobiotics.** Athina Tzora, Anastasios Tsinas, Achilleas Karamoutsios, Chrisa Voidarou, Konstantina Fotou, Euaggelia Gouva, Konstantinos Vergos, Apostolos Mpakolas, Ioannis Skoufos. *15th European Poultry Congress, Croatia, 17-21 September 2018, proc. p.527.*
- Evaluation of in-field efficacy of dietary ferric tyrosine on performance, intestinal health and meat quality of broiler chickens exposed to natural *Campylobacter jejuni* challenge.** Ioannis Skoufos, Athina Tzora, Ilias Giannenas, Eleftherios Bonos, Anastasios Tsinas, Elinor McCartney, Efterpi Christaki, Panagiota Florou-Paneri, Jafar Mahdavi, Panos Soutlanas. *Livestock Science* 221 (2019), p. 44-51.
- Effects of phytobiotics in healthy or disease challenged animals.** Skoufos I., Bonos E., Anastasiou I., Tsinas A., Tzora A. In book: *Aromatic plants and herbs in animal nutrition and health.* Edited by: Florou-Paneri P., Christaki E., Giannenas I. (Eds). Elsevier S&T Books, London, UK, 2019. pp 311-337.
- Lactic acid bacteria and Bifidobacteria isolated from honeycombs, as bioprotective agents against pathogens and spoilage microorganisms in fresh fruits and vegetables.** Chrysa Voidarou, Athanasios Alexopoulos, Anastasios Tsinas, Georgios Rozos, Athina Tzora, Ioannis Skoufos, Theo Vartzakas, Eugenia Bezirtzoglou. *Applied Sciences* 2020, 10, 7309; doi: 10.3390/app.10207309, p. 1-18.
- Effect of attapulgit and benzoic acid addition to the diet of fattening pigs on the performance parameters.** Skoufos I., Anestis V., Giannenas I., Bartzanas T., Magklaras

G., Tsinas A., Bonos E., Tzora A. *International Pig Veterinary Society Congress*, 3-6 November. 2020, Rio De Janeiro, Brazil, *IPVS proceedings,2020*, p. 646.

The impact of tributyrin and essential oils on broiler chicken cecum microbiota populations. Eleftherios Bonos, Ioannis Skoufos, Konstantina Fotou, Stylianos Skoufos, Achilleas Karamoutsios, Aikaterini Nelli, Apostolos Mpakolas, Anastasios Tsinas, Ilias Giannenas, Athina Tzora. *72nd Annual Meeting of the European Federation of Animal Science (EAAP) Davos 30 August to 3 September 2021, book of abstracts p. 505.*

Optimization of the Composition of a Novel Bioactive Silage Produced by Mixing of Ground Maize Grains with Olive Mill Waste Waters, Grape Pomace and Feta Cheese Whey. Konstantinos Petrotos, Chrysoula Papaioannou, Stylianos Kokkas, Paschalis Gkoutosidis, Ioannis Skoufos, Athina Tzora, Eleftherios Bonos, Anastasios Tsinas, Ioannis Giavasis and Chrysanthi Mitsagga. *Agri Engineering 2021*, 3(4), 868–894, <https://doi.org/10.3390/agriengineering3040055>.

Comparison of dietary protected vs non-protected essential oil extracts on broiler chickens' performance and meat chemical composition. Bonos E., Giannenas I., Skoufos I., Tzora A., Tsinas A., Christaki E. *20th International Virtual Congress of International Society of Ethnopharmacology (ISE)*, 18-20 April 2021, Thessaloniki, Greece.

Identification by MALDI-TOF MS and Antibiotic Resistance of *Riemerella anatipestifer*, Isolated from a Clinical Case in Commercial Broiler Chickens. Athina Tzora, Stylianos Skoufos, Eleftherios Bonos, Konstantina Fotou, Achilleas Karamoutsios, Aikaterini Nelli, Ilias Giannenas, Anastasios Tsinas and Ioannis Skoufos. *Vet. Sci.* 2021, 8, 29. <https://doi.org/10.3390/vetsci8020029>, p. 1-11.

Effect of the combined use of a mixture of aromatic plants, essential oils and tributyrin on broiler chickens' performance and gut microflora. A. Tzora, K. Fotou, A. Karamoutsios, S. Skoufos, C. Voidarou, E. Bonos, A. Tsinas, E. Christaki, I. Giannenas, I. Skoufos. *26th World's Poultry Congress, Paris, France, 7-11 August 2022, Book of Abstracts 2021, ID 346*, p. 204.

Effects of using olive, winery, and cheese waste by-products in the diet of weaned piglets on their performance parameters. Georgios Magklaras, Ioannis Skoufos; Christos Zacharis, Kostas Petrotos, Ioannis Giavasis, Chrysanthi Mitsagga, Athina Tzora, Anastasios Tsinas, Ilias Giannenas, Angela Gabriella D'Alessandro, Eleftherios Bonos. *IPVS2022, 26th international pig veterinary society congress – June 21st -24th, Rio de Janeiro – Brazil, Proceedings*, page 581.

Sustainable use of agro-industrial by-products as feed in finishing pigs' diets. Georgios Magklaras, Eleftherios Bonos, Christos Zacharis, Kostas Petrotos, Ioannis Giavasis, Athina Tzora, Anastasios Tsinas, Ilias Giannenas, Angela Gardinali, Ioannis Skoufos. *IPVS2022, 26th international pig veterinary society congress – June 21st -24th, Rio de Janeiro – Brazil, Proceedings*, page 599.

Prevalence and antimicrobial-resistance phenotypes of *Staphylococcus* spp. isolated from dairy goat farms. Aikaterini Nelli, Chrysoula Voidarou, Ioannis Skoufos, Anastasios Tsinas, Konstantina Fotou, Eleftherios Bonos, Evangelia Gouva, Çağlar Ersanli, Athina Tzora, University of Ioannina, Agriculture Department, Arta, Greece. *41st International Congress of the Society for Microbial Ecology in Health and Disease (SOMED)*, 14-16 June 2022, Alexandroupolis, Greece, *Book of abstracts*, page 28.

A “crosstalk” between the feeding strategy of dairy sheep and the microbiota of produced kefalograviera cheese. Ioannis Skoufos, Aikaterini Nelli, Eleftherios Bonos, Chrysoula Voidarou, Ilias Lagkouvardos, Anastasios Tsinas, Konstantina Fotou, Evangelia Gouva, Achilleas Karamoutsios, Athina Tzora, University of Ioannina, Agriculture Department, Arta, Greece. *41st International Congress of the Society for Microbial Ecology in Health*

and Disease (SOMED), 14-16 June 2022, Alexandroupolis, Greece, Book of abstracts, page 30.

Effects of dietary enrichment with polyphenols, beneficial bacteria and antimicrobial peptides on broiler chicken meat, microbial composition and quality characteristics. Eleftherios Bonos, Ioannis Giavasis, Athina Tzora, Chrysoula Voidarou, Anastasios Tsinas, Evangelia Gouva, Christos Zacharis, Paraskevi Mpeza, Konstantina Kolia, Ioannis Skoufos. 41st International Congress of the Society for Microbial Ecology in Health and Disease (SOMED), 14-16 June 2022, Alexandroupolis, Greece, Book of abstracts, page 71.

Innovative use of olive, winery and cheese waste by-products in broiler chickens and their effects on the intestinal microbiota. Ioannis Skoufos, Eleftherios Bonos, Ilias Lagkouvardos, Chrysoula Voidarou, Konstantina Fotou, Evangelia Gouva, Christos Zacharis, Aikaterini Nelli, Anastasios Tsinas, Athina Tzora. 41st International Congress of the Society for Microbial Ecology in Health and Disease (SOMED), 14-16 June 2022, Alexandroupolis, Greece, Book of abstracts, page 86.

Use of innovative insect meals in weaned piglet diets and their effects on growth performance and gut microbiota. Christos Zacharis, Aikaterini Nelli, Athina Tzora, Konstantina Fotou, Georgios Magklaras, Ilias Giannenas, Ethimia Antonopoulou, Anastasios Tsinas, Aikaterini Grigoriadou, Stefanos Andreadis, Christos Athanasiou, Ioannis Skoufos, Eleftherios Bonos. 15th Panhellenic Veterinary Congress, 4-6 November 2022, Athens, Greece, book of abstracts, p. 115-116.

Investigation of the combined use of insect meals and chitosan in weaned piglets' diets and their effects on performance parameters and intestinal microbiota. Christos Zacharis, Konstantina Fotou, Aikaterini Nelli, Georgios Magklaras, Ilias Giannenas, Ethimia Antonopoulou, Anastasios Tsinas, Aikaterini Grigoriadou, George Skoulakis, Christos Athanasiou, Athina Tzora, Ioannis Skoufos, Eleftherios Bonos. 15th Panhellenic Veterinary Congress, 4-6 November 2022, Athens, Greece, book of abstracts p. 117-118.

Effects of the nutritional use of special mixtures of Greek aromatic/medicinal plants on production parameters, meat quality and health parameters of weaned piglets. Georgios Magklaras, Eleftherios Bonos, Christos Zacharis, Konstantina Fotou, Ilias Giannenas, Jing Wang, Katerina Grigoriadou, L.Z. Jin, Anastasios Tsinas, Athina Tzora, Ioannis Skoufos. 15th Panhellenic Veterinary Congress, 4-6 November 2022, Athens, Greece, book of abstracts p. 136-137, p. 113-114.

Innovative Use of Olive, Winery and CheeseWaste By-Products as Functional Ingredients in Broiler Nutrition. Eleftherios Bonos, Ioannis Skoufos, Konstantinos Petrotos, Ioannis Giavasis, Chrysanthi Mitsagga, Konstantina Fotou, Konstantina Vasilopoulou, Ilias Giannenas, Evangelia Gouva, Anastasios Tsinas, Angela Gabriella D'Alessandro, Angela Cardinali and Athina Tzora. *Vet. Sci.* 2022, 9, 290. <https://doi.org/10.3390/vetsci9060290>, p. 1-14. IF 2.518

Antimicrobial and methicillin resistance pattern of potential mastitis-inducing *Staphylococcus aureus* and coagulase-negative staphylococci isolates from the mammary secretion of dairy goats. Aikaterini Nelli, Chrysoula Voidarou, Brigkita Venardou, Konstantina Fotou, Anastasios Tsinas, Eleftherios Bonos, George C. Fthenakis, Ioannis Skoufos, and Athina Tzora. *Biology* 2022, 11, 1591. <https://doi.org/10.3390/biology11111591>, p. 1-13. IF 5.007

Effects of dietary omega-3 enrichment on the chemical composition and the microbiota of ovine milk. Athina Tzora, Chrysoula (Chrysa) Voidarou, Ilias Giannenas, Eleftherios Bonos, Konstantina Fotou, Aikaterini Nelli, Katerina Grigoriadou, Achilleas Karamoutsios, Zoitsa Basdagianni, Stella Dokou, Anastasios Tsinas, Ioannis Skoufos.

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