

CURRICULUM VITAE



NAME: MAGKLARAS GEORGIOS

Date of Birth : 1969

Place of Birth : Arta , Greece

Marital status: Married, father of two children

PRESENT ADDRESS: Division of Animal Production, School of Agriculture,
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EDUCATION

- 1993** Alexander Technological Educational Institute of Thessaloniki,
School of Agriculture Technology, Department of Animal Production
Bsc in Animal Production.
- 1994** University of Aberdeen, Animal Biology Division, School of Agriculture
MSc in Pig Production.
- 1994** University of Aberdeen, Animal Biology Division, School of Agriculture
Technological and Vocational Training in Animal Production.
- 2000** Open University of Patras, School of Humanity and Social studies,
Diploma in Adult Training.
- 2001** School of Pedagogical & Technological Education (ASPETE),
Certificate of Educational Adequacy.
- 2020** PhD candidate, School of Agriculture, University of Ioannina

EMPLOYMENT HISTORY

1991 Two month working experience at the 400-sow pig farm of Bishop Burton College of Agriculture (Beverly, England).

1992 Three month working experience at a 500-sow multiplication pig unit in Greece ('Genetiki S.A.).

1993 Laboratory assistant for the selection, preparation and assessment of bovine and swine semen - Greek National Foundation of Agricultural Research, Thessaloniki, Greece (6 months).

1996 – present

Production manager of 220-sow family owned pig farm 'Maglaras E. – Maglara S., S.A.'

FACULTY APPOINTMENTS / TEACHING ACTIVITIES

1997 – 2007

Assistant Lecturer, Department of Animal Production, Technological Educational Institute of Epirus - Greece (*Reproduction in farm animals – Swine production and management*).

1998 – 2007

Assistant Lecturer, Department of Animal Production, Technological Educational Institute of Epirus - Greece (*Sheep and goat production*).

2004 – 2008

Teaching during the practical sessions of the Post Graduate Program 'MSc in Agrochemistry and Organic Agriculture', Department of Environment, University of the Aegean.

2007 – 2015

Special Technical Staff, Department of Animal Production, School of Agricultural Technology, T.E.I of Epirus - Greece (*Laboratory of Animal Reproduction, Laboratory of Swine Production and Laboratory of Sheep and Goat Production*).

2015 – present

Laboratory Teaching Staff, Division of Animal Production, School of Agriculture, University of Ioannina - (*Laboratory of Animal Production Science, Nutrition and Biotechnology*).

RESEARCH INTERESTS

- Animal Behaviour and Welfare
- Use of Biotechnologies in Animal Breeding.

- Production of innovative products from indigenous or commercial breeds and application of novel production systems in animal husbandry.
- Extensive animal farming systems

PUBLICATIONS

1. Vatzias G. and G. Maglaras., 2005. *Achievements of research in the field of Reproduction Science*. The WAAP Book of the Year 2005, pg.59-66.
2. G. Maglaras, Vatzias G., P. Beard, D. Papavasiliou, and S.A. Edwards, 2005. *A study of two different farrowing systems and their effect on mortality and growth rates of piglets in wild boar farming in Greece*. *Animal Sci Rev* , 30: 57-58.
3. Papavasiliou D., Labidonis D.A., Maglaras G., and Bizelis J., 2008. *The application of a Restriction Fragment Length Polymorphism procedure (RFLPs) in the identification of the «T» mutation in swine*. *Animal Sci Rev*, 38, 65-74.
4. Papavasiliou D., Nikolaou M., Maglaras G., Bizelis J. and Vatzias G., 2008 *Comparative production results between different sow 'types' in Epirus*. *Animal Sci Rev E.E.*, T.34: 87-89.
5. Kousenidis K.V., Kipriotis E. A., and G. Maglaras., 2009. *Seasonal Subfertility in Pigs: The Effect of Elevated Service Numbers on the Expression of the Syndrome*. *Journal of Animal and Veterinary Advances* 8 (2): 255-264.
6. Vatzias G., Asmini E., Papavasiliou D., Maglaras G., Nagy S. and Z. Zamborszky. *Red deer (Cervus elaphus) farming in Greece: Predicting the rate of inbreeding and estimating the effective population size*. New trends for innovation in the Mediterranean animal production. EAAP publication No. 129, Ed. R. Bouche, A. Derkimba and F. Casabianca, p. 62 – 65, Wageningen Academic Publishers, The Netherlands, 2011.

OTHER PUBLICATIONS (published conference proceedings - presentations in international meetings / conferences)

1. Skoufos I., Voidarou C., Maglaras G., Nikoloroulos S. Animal behaviour indicators in organic animal farms. 1st International Congress "Problems and Perspectives of Organic sheep and goat farming, 17-18 January 2004, Agrinio, Greece, proc., p. 117-123.
2. Maglaras G., Vatzias G., Beard A.P., Asmini E., Edwards S. A. A study on the effect of season of birth and different nutrition levels on the attainment of puberty in wild boar gilts (*sus scrofa*) in extensive farming systems in Greece. 5th ICFAE, Budapest, Hungary, July 4th – 6th 2004.

3. Vatzias G., Magklaras G., Asmini E., Knox, R. V., Naber C. H. and D. R. Zimmerman. Evaluation of ovarian follicular growth patterns between the left and the right ovary in randomly selected control line gilts and gilts selected for high ovulation rate. Fifty sixth EAAP, Uppsala, Sweden, June 5 – 8, 2005.
4. Karapanos Th., Magklaras G., Maretas D., Skoufos I. Study on the bacterial species and the pig intestinal microflora of pigs diagnosed or free of colitis. 19th IPVS Congress, 16-19 July 2006, Copenhagen, Denmark, Vol. 2, 23-04, proceedings p. 346.
5. Vatzias G., Magklaras G., Asmini E., Beard A.P. and S. A. Edwards. Evaluation of ovarian follicular growth patterns between the left and the right ovary in wild boar gilts (*Sus scrofa*) in extensive farming systems in Greece. Tenth Annual Conference of ESDAR, Portoroz, Slovenia, September 7 – 9, 2006.
6. Magklaras G., Vatzias G., Beard A.P., Asmini E. and S. A. Edwards. Effects of housing wild boar during farrowing and lactation on sow and litter behaviour, piglet survival and growth rates. Fifty seventh EAAP, Antalya, Turkey, September 17 – 20, 2006.
7. Magklaras G.E., Skoufos I.A., Giza E.G., Filos E.G., Vatzias G.A. and A.S. Tzora. Behavioral and physiological indicators as predictors of piglet viability during the suckling period. Forty first International Congress of the ISAE, Merida, Mexico, July 30th - August 3rd, 2007.
8. Skoufos I., Magklaras G., Daoutis I., Konstandinou V., Spanelis E., Mallisiova E., Tzora A. The influence of mixing piglets pre-weaning on their performance and survival rate. (2007) 41st Congress of the International Society for Applied Ethology, Merida , Mexico, 30 July – 3 August 2007, Proceedings, p. 234.
9. Skoufos I., Tzora A., Magklaras G., Vassos D., Fotou K., and Voidarou Ch. Isolation of bacterial pathogens from teat duct and milk samples of ewes following machine-milking. (2007), 58th Annual Meeting of the European Association for Animal Production, Dublin, Ireland, August 26th-29th, Proceedings, p 206.
10. I. Skoufos, P. Chiotellis, N. Ververis, C. Voidarou , G. Magklaras, G. Vatzias and A. Tzora. Comparative studies of physicochemical and qualitative parameters of milk from Lesbian and Lacuane sheep breeds. 2nd Hellenic Congress of Animal Production Technology, 30 June-1 July 2008, Larissa, Greece, proceedings, p. 80-89.
11. G.E. Magklaras, I. Siozos, I.A. Skoufos, A. Tzora, G. Vatzias, G. Steftaris, S.A. Edwards. Effect of supplementing sows diets with vitamin E on performance and on immune response of suckling piglets. 59th Annual Meeting of the European Association for Animal Production «Efficient and environmentally friendly livestock farming», Vilnius, Lithuania, August 24th-27th 2008, Book of abstracts No 14 (2008), p. 217.

12. Vatzias G., Asmini E., Papavasiliou D., Maglaras G., Nagy S. and Z. Zamborszky. Red deer (*Cervus elaphus*) farming in Greece: Predicting the rate of inbreeding and estimating the effective population size of a restricted population. Mediterranean symposium, Corte, 6-8 November 2008.
13. Vatzias G., Asmini E. and G. Maglaras. Sex ratio in swine and how is affected by sire and conception time. Sixtieth EAAP, Barcelona, Spain, August 24 – 28, 2009.
14. Maglaras, G.E., Kousenidis, K.V. and Kipriotis, E.A. Impact of increased returns to estrus after mating sows on seasonal infertility. Sixtieth EAAP, Barcelona, Spain, August 24 – 28, 2009.
15. Fotou, K., Tzora, A., Voidarou, C., Anastasiou, I., Avgeris, I., Giza, E., Maglaras, G. and Bezirtzoglou, E. Isolation of microbial pathogens from raw sheep's milk and their role in its hygiene, Sixtieth EAAP, Barcelona, Spain, August 24 – 28, 2009.
16. Maglaras, G., Papavasiliou D., Bizelis I., Vatzias G., Lampidonis D. and Nikolaou M. Reproductive characteristics of pig farms in the region of Epirus, Greece. Sixty first EAAP, Hersonisos, Crete, Greece, August 23 – 27, 2010.
17. Vatzias G., Asmini E., Maglaras G., Papavasiliou D. and X. Markantonatos. Seasonal infertility in swine caused by high ambient temperatures. Sixty first EAAP, Hersonisos, Crete, Greece, August 23 – 27, 2010.
18. G. Vatzias, G. Maglaras, E. Asmini, R.V. Knox, C.H. Naber and D.R. Zimmerman. Evaluation of ovarian follicular atresia patterns between the left and the right ovary in control line gilts and gilts selected for high ovulation rate, 7th International Congress on Farm Animal Endocrinology Bern, Switzerland, 24 - 26 August 2011.
19. Georgios E. Magklaras, Iosif I. Gikas, Theodoros S. Karapanos and Antonia A. Lucisano. Investigation of the presence of Fumonisin B1 in finishing pig diets on farms in the region of Epirus, Greece. Beijing, China, 15 - 20 October 2013.
20. Skoufos I., Verginadis I., Simos I., Tzora A., Mentis A., Tsinas A., Magklaras G., Theofilou N. and Karkabounas S. Attapulgate protective action against *E. coli* and *Cl. perfringens* toxigenic strains in pigs. 65th Annual Meeting of the European Federation of Animal Science, 25-29 August 2014, Copenhagen, Denmark, proc. p.121.
21. Ilias Giannenas, Ioannis Skoufos, Thomas Bartzanas, Athina Tzora, Anastasios Tsinas, Georgios Maglaras, Leonidas Tsiantis, Constantinos Kittas. Effects of dietary supplementation with extracts of oregano and sage on microclimatic conditions and antioxidant status of raw and cooked breast and drumstick meat of broiler chickens. 32nd World Veterinary Congress (WVC) Istanbul 13-17 September, 2015, Turkey, abstract book, p. 181.

22. Ilias Giannenas, Ioannis Skoufos, Thomas Bartzanas, Athina Tzora, Anastasios Tsinas, Georgios Magklaras, Leonidas Tsiantis, Constantinos Kittas. Effects of dietary supplementation with extracts of oregano and sage on microclimatic conditions and antioxidant status of raw and cooked breast and drumstick meat of broiler chickens. 2nd International Conference on Food and Biosystems Engineering, 28-31 May 2015, Myconos, Greece, proc. p. 295-301, ISBN 978-960-9510-21-9.
23. Athina Tzora, Eleftherios Bonos, Ilias Giannenas, Ioannis Skoufos, Georgios Magklaras, Anastasios Tsinas, Efterpi Christaki, Panagiota Florou-Paneri, Panos Soultanas. Effect of dietary chelated ferric tyrosine on meat quality characteristics of broiler chicken. 14th Panhellenic Veterinary Congress, 11-13 May 2018, Thessaloniki, Greece. Abstract book p. 85-87.
24. Ioannis Skoufos, Eleftherios Bonos, Athina Tzora, Ilias Giannenas, Georgios Magklaras, Achilleas Karamoutsios, Efterpi Christaki, Panos Soultanas, Jafar Mahdavi. Effect of dietary ferric tyrosine (TYPLEX™ chelate) supplementation on *Campylobacter jejuni* counts, on quality and sensory characteristics of breast and thigh meat of broiler chicken exposed to natural *Campylobacter jejuni* challenge. 15th European Poultry Congress, Croatia, 17-21 September 2018, proc. p. 482.
25. Ioannis Skoufos, Vasileios Anestis, Ilias Giannenas, Thomas Bartzanas, Georgios Magklaras, Anastasios Tsinas, Eleftherios Bonos, Athina Tzora. Effect of attapulgitic and benzoic acid addition to the diet of fattening pigs on the performance parameters. 26th International IPVS Congress, Rio de Janeiro, Brazil, 2-6 November 2020.

RESEARCH PROGRAMMES (as member of research or external supportive group)

1. Ministry of Education, EPEAK II, Archimedes, Research Committee, Technological Educational Institution, E.E.C FUND, project No 10012-2. "Agriculture, environment and biodiversity in agricultural ecosystems of Western Greece" (1/3/2004 - 2007).
2. Ministry of Education, ESPA, Archimedes III, Research Committee, Technological Educational Institution, E.E.C FUND 'Analysis of the reproductive characteristics of pigs on farms in the region of Epirus' (01/05/2005 – 31/12/2007).
3. General Secretary of Research and Development & E.U., code numb.15688/03, Joint Research and Technological Programs 2003 – 2006, Greece-Hungary 'Reproductive parameters and Ethology of red deer (*Cervus elaphus*)' 2005-2008.
4. Operational Program "Thessaly – Central Greece - Epirus 2007-2013". "Experimental development of an innovative geographic information system, of rational management of a mountainous - subalpine grassland in Theodoriana Arta" (15/6/2012 to 31/12/2015).

5. Ministry of Education, ESPA, Archimedes III, Research Committee, Technological Educational Institution, E.E.C FUND. (2011-2013). 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 (15/10/2012 – 30/04/2015).
6. Secretary of Research and Technology, ESPA, “Competitiveness & Entrepreneurship” (EPAN II), National Strategic Framework 2007-2015, Cooperation 2011-in Agriculture, Fisheries, Livestock and Biotechnology, with code numb. ΣΥΝ11_3_47 and title "Assessment of techniques and technologies for reducing the environmental footprint of poultry facilities" (16/05/2013 – 31/05/2015).
7. General Secretary of Research and Technology, ESPA, Greece-China 2012-2015, under title «Studies on the sustainable pork production with functional properties by utilizing local natural resources and reducing environmental pollution–Green Pork», Huazhong Agricultural University, Department of Animal Production, TEI of Epirus, Veterinary School, Aristotle University of Thessaloniki, VIKI Meat Processing Industry (01/06/2013 – 30/09/2015).
8. Research program «Innovative poultry production using phytobiotics 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», «RIS of Epirus 2014-2020».
9. Research project «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.
10. Research project “Exploration of innovative herb-based nutritional strategies in order to reduce antimicrobial use for green pig and poultry production”, Green Pro, "Bilateral and Multilateral Cooperation between Greece and China", GGET, "COMPETITIVENESS, ENTREPRENEURSHIP & INNOVATION" (EPANEK), 2014-2020.

Other professional activities/lectures and seminars

- Participant, British Society of Animal Production 50th Winter Meeting, Scarborough, England (March 1994).
- Official guest of the Danish Agricultural Organization to participate in the scientific conference to commemorate the 100th anniversary of the Breeding/Genetic Reproduction Program in the context of the Agromek International Expo (1997).
- Participant, Greek Animal Science Society 14th Annual Scientific Congress, Arta, Greece (November 1998).

- Guest of pig breeding company 'Dalland Hellas' to visit and attend a series of seminars at the Institute of Pig Genetics (IPG) and breeding stations, involved in pig research, the Netherlands (1999)
- Participant, Workshop titled 'Globalization & Greek Animal Production', Thessaloniki, Greece (September 1999).
- Participant, 6th National Greek Veterinarian Congress for Small Animals, Athens, Greece (March 2001).
- Participation as the National Contact Person in the European research programme: 'PIGCAS', concerning practices and attitudes of stakeholders towards piglet castration (6th Framework Programme - FP6).
- Guest of 'Agromed' animal product company to attend seminars dealing with pig health control and biosecurity and to visit 'HIPRA S.A.' animal vaccine production plant in Barcelona, Spain (2002).
- Participation in the organization of a breeders' association for the genetic improvement and maintenance of the progeny records of the Frizarta sheep breed, as well as the distribution of the improved genetic material. The association is eligible for funding under Measure 5.1 of the Operational Program "AGRICULTURAL DEVELOPMENT - RECONSTRUCTION OF RURAL AREAS 2000 - 2006", 3rd Community Structural Fund.
- Various lectures and seminars given to target groups (public or private Centers for Vocational Training) from 1999 to 2015.
- Speaker (invited) at the scientific conference organized by the Hellenic Society of Animal Production (HSAP) in Filippiada, under the auspices of the Prefecture of Preveza and the Association of Epirus Pig Breeders, with topic "Intensive pig-farming in the region of Epirus, Greece", November 5th 2004.
- External collaborator in the sub-project entitled: "Reforming Undergraduate Study Programme of the Department of Animal Production " in the framework of the project "Reforming Undergraduate Programs in the Departments of TEI of Epirus " (2004).
- Member of the International Society of Applied Ethology (ISAE).
- Member of the British Society of Animal Science (BSAS).
- Member of the HELLENIC SOCIETY OF ANIMAL PRODUCTION (HSAP).
- Member of boarding committee of Epirus Pig Producers Association, Greece.