

Iosif Bizelis, *Curriculum Vitae*

1. Personal Information

Date of birth: 14th July 1954

Contacts

Work: Agricultural University of Athens
School of Animal Sciences
Department of Animal Science
Laboratory of Animal Breeding & Husbandry
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2. Employment History

2015 – 2017 Head of Department of Animal Science of Agricultural University of Athens

2013 - **Professor**, Agricultural University of Athens, Faculty of Animal Science, Department of Animal Breeding & Husbandry

2009- 2013: **Associate Professor**, Agricultural University of Athens, Faculty of Animal Science & Aquaculture, Department of Animal Breeding & Husbandry

2001- 2009: **Assistant Professor**, Agricultural University of Athens, Faculty of Animal Science & Aquaculture, Department of Animal Breeding & Husbandry

1994- 2001: **Lecturer**, Agricultural University of Athens, Faculty of Animal Science & Aquaculture, Department of Animal Breeding & Husbandry

1987- 1994: **Research Scientist**, Agricultural University of Athens, Faculty of Animal Science & Aquaculture, Department of Animal Breeding & Husbandry

1984- 1989: **PhD Studentship** Agricultural University of Athens, Faculty of Animal Science & Aquaculture, Department of Animal Breeding & Husbandry

1983 – 1984: Quality control manager in animal feed industry BIOCHEM SA (Feed Industry)

1980 – 1981: Quality control manager in EL GRECO SA (Canned Food Industry)

3. Education

University Postgraduate Ph.D. 1984-1989

Agricultural University of Athens, Dept of Animal Breeding & Husbandry.

Project: Puberty attainment and reproductive characteristics in ewe lambs of Chios and Karagouniki breed on two planes of nutrition.

University Undergraduate

- 1) Agricultural University of Athens, (1978-1983)
Dept of Animal Science

- 2) Kapodistrian University of Athens (1972–1977)
Dept of Chemistry, Athens, Greece

4. Major Research Interests

- Phylogeny study in farm animals with microsatellites, SNPs and molecular techniques.
- Biochemical and Molecular Genetics
- Identification, cloning and function of genes and / or proteins regarding to lipogenesis / lipolysis of adipose tissue in ruminants, pigs and chicken.
- Meat and fat quality traits on farm animals.
- Animal Behaviour.

5. Scientific Societies Memberships

- Association of Greek Chemists (AGC)
- Agronomist Chamber of Greece (GEOTEE)
- Hellenic Society of Animal Production (HSAP)
- European Federation of Animal Science (EAAP)

6. Reviewer Lists

Regular review of manuscripts for the following journals: Theriogenology, Comparative Biochemistry and Physiology, Gene, Small Ruminant Research, Current Genomics, Journal of Molecular Biology, Journal of Dairy Research, Journal of Dairy Science, Poultry Science, Animal Science Review, Molecular Biology Reports, African Journal of Biotechnology, Annual Review and Research in Biology, DNA and Cell Biology.

7. Grants and Funding

1. «Protein polymorphism in Greek sheep breeds», Research program financed by General Secretariat for Research & Technology (GSRT). (10.1992 – 09.1993)
2. «Population analysis of goat breeds in Kenya» Research program EEC – STD3 (EEC – CONTRACT No TS3*-CT92-01071) 10/1993 – 04/1995
3. «Ultrasonic measurements as a tool in the selection process in pigs». Research program financed by Greek Ministry of Agriculture Π113697 9/1993 – 1/1995.
4. «Applicable programs of genetic breeding of animals, upgrade and rescue of native genetic material». Program financed by Greek Ministry of Agriculture 1996 – 1999.

5. «Genetic improvement, protection and conservation of indigenous sheep and goat Greek populations» Research program financed by General Secretariat for Research & Technology (GSRT) (09 / 1998 – 03 / 2002).
6. «Applicable programs of genetic improvement of pigs». Program financed by Greek Ministry of Agriculture PT-220, 1998 – 2000.
7. « Technical and scientific support of the institution of Karagouniko Sheep Breeders Union». Program financed by Greek Ministry of Agriculture, 2000 – 2006.
8. «Effects of vitamin E on the bovine immune system and the milk ». Research program financed by Roche Vitamins, 2003 – 2005.
9. «Validation testing - demonstration applications management system for quality assurance of integrated beef production management». Program financed by Greek Ministry of Agriculture – AGROCERT, 2005 – 2007.
10. «Comparative study of characteristics for behavior and productivity in breeds of pigs». Joint research programs between Greece and China. Research program financed by General Secretariat for Research & Technology (GSRT), 2005 – 2007.
11. «Qualitative characteristics of skin from indigenous breeds of sheep and goats». Joint research program between ELKEDE and Agricultural University of Athens, financed by EUREKA SPELEAT E!3757, 7/2006 – 1/2009.
12. «Biological and economic limits of stock farming of the wild greek pig ». European research program for Greece “Pythagoras II”, 2007 –2008.
13. «Castration of piglets and alternatives» “PIGCAS” EU Framework 6th 2007 - 2008.
14. «Analysis of allelic polymorphism at the MHC class II DRB1 locus in Greek dairy sheep breeds and its relationship with parasite resistance» NADIR, FP7 - 228394 FP7 2007 – 2013, 2012.
15. «Climate Change in Agriculture / CLICHA » ERASMUS+, Cooperation for innovation and the exchange of good practices – Capacity Building in the field of Higher Education 2017 -2020

1. Publications (recent)

1. D. Papachristou, P. Koutsouli, G.P. Laliotis, E.Kunz, M. Upadhyay, D.Seichter, I. Russ, B. Gjoko, N.Kostaras, I.Bizelis, I.Medugorac (2020). Genomic diversity and population structure of the indigenous Greek and Cypriot cattle. GSE (accepted).
2. Doulgerakis V., Kalyvas D., Bocaz E., Giannousis C., Feidakis M., Laliotis G.P., Patrikakis B., Bizelis I. (2019). An Animal Welfare Platform for Extensive Livestock Production Systems. Proceedings of the Poster and Workshop Sessions of Aml-2019-European Conference on Ambient Intelligence, Rome, Italy, 13-Nov-2019.
3. G.P. Laliotis and I.Bizelis (2019). Current Knowledge on Ovine Glucose 6-Phosphate Dehydrogenase (G6pd): from Enzymatic Activity to -Omics Approaches and Future Perspectives', International Journal of Current Advanced Research, 8(12): 20785-20789.
4. Nikolaou K., Koutsouli P., Papadimitriou D. and I. Bizelis, (2019). Quality characteristics of beef carcasses produced in Greece, Thessaloniki. Proceedings of the Panhellenic Conference on Meat and its Products “From the stable to the plate”. Zootechnia 2019, Thessaloniki 1-3 February 2019.

5. Armaou E., Simitzis P., Koutsouli P., Zoidou E., Massouras T., Goliomytis M., Bizelis I. and I. Politis, (2018). The effect of extended milking intervals (24, 48 and 72 h) on milk yield, milk composition, mammary physiology and welfare traits in dairy ewes. *Journal of Dairy Research* 85, 416-422.
6. G.P. Laliotis, P. Koutsouli, I. Bizelis (2018). Implementation of DNA based techniques on traceability process of small ruminant species and products. *Journal of Applied Veterinary and Animal Research*, 5 (3): 255-264.
7. Koutsouli P., Simitzis P., Theodorou G., Massouras Th., Bizelis I. and I. Politis, (2016): The effect of milking frequency reduction from twice to once daily on mammary physiology and animal welfare of two dairy Greek sheep breeds. *Small Rum. Res.*, <http://dx.doi.org/10.1016/j.smallrumres.2016.12.005>
8. Triantafyllopoulos K., Koutsouli P., Kandris A., Papachristou D., Markopoulou K., Mataragka A., Massouras Th. and I. Bizelis, (2016): Effect of β -lactoglobulin gene polymorphism, lactation stage and breed on milk traits in Chios and Karagouniko sheep breeds. *Annals of Animal Science*, DOI: 10.1515/aoas-2016-0058.
9. Simitzis P., Galani K., Vasiliou P., Koutsouli P., Bizelis I., (2016): Effect of breed and litter size on the display of maternal perinatal and offspring postnatal behavior in dairy sheep. *Journal of Veterinary Behavior Clinical Applications and Research*, 13, 10-18.
10. Spetsariasis S., Koutsouli P., Theodorou G., Theodoropoulos G., Bizelis I. (2016): Allelic polymorphism of OvarDRB1 exon2 gene and parasite resistance in two dairy sheep breeds. *Int. J. of Health Animal Science and Food Safety*, vol 3, no1, 1-19.
11. Sinanoglou V. J, Koutsouli P., Fotakis Ch., Sotiropoulou G., Cavouras D. and I. Bizelis (2015): Assessment of lactation stage and breed effect on sheep milk fatty acid profile and lipid quality indices. *Dairy Science & Technology* 95, 509-531.
12. Koutsouli P., Patounas G., Massouras Th., Bizelis I. and I. Politis (2015): Plasmin–plasminogen system and milk coagulation properties of two Greek dairy sheep breeds. *Small Rum. Res.*, 124, 89-94.
13. Simitzis P.E, Karastamatis S., Koutsouli P., Bizelis I. and I. Politis (2015): Effect of yoghurt serum powder supplementation on growth performance and anti-oxidant status in fattening lambs, *Int. J. of Health Animal Science and Food Safety*, vol 2, no1, 1-8.
14. K.A. Triantaphyllopoulos, G. P. Laliotis, I.A. Bizelis (2014). Energy balance-dependent regulation of ovine glucose 6-phosphate dehydrogenase protein isoform expression. *Adipocyte* 3:30-38.
15. G. P. Laliotis, I. Bizelis, A. Vitsa, E. Rogdakis (2012). Increase of energy balance significantly alters major lipogenic gene expression in lactation ewes. *Animal Biotechnology* 23(1):64-69.
16. G. Theodorou, A. D. Lampidonis, G. P. Laliotis, I. Bizelis, I. Politis (2012). Expression of plasminogen activator-related genes in the adipose tissue of lactating dairy sheep in the early post-weaning period. *Journal of Animal Physiology and Animal Nutrition*, 96 (3): 403-407.

