

Antonios Kominakis (Ass. Prof.)
Department of Animal Science
Agricultural University of Athens

Studies

- Graduate: Agricultural University of Athens. Specialization: Animal Science.
- PhD: University of Hohenheim, Germany. Specialization: Animal Breeding. PhD thesis: ‘Model calculations for optimizing breeding schemes in the Karagouniko dairy sheep of Greece’.

Research interests

- Estimation of genetic parameters in livestock populations
- Data simulation and data analysis in livestock populations.
- Genetic association studies in human and livestock populations

Teaching subjects:

Animal Breeding (graduate & postgraduate courses)

Extension service

Scientific advisor of the Breeders’ Cooperation of the Frizarta dairy sheep in Agrinio (1999-2015), the Parakoila Cooperation of the Lesvos dairy sheep (1999-2014) and the Petra Cooperation of the Lesvos dairy sheep (2012-2015).

Scientific co-ordinator

- ‘Genomic Selection in dairy sheep’. Action "Cooperation 2011". Greek Ministry of Education and Religious Affairs. Grant no. 447919/11SYN_3_1087. Total budget: 1,020,000 €.
- Sustainable production of beef meat of quality based on indigenous breeds. PAVET 2013. Greek Ministry of Education and Religious Affairs. Total budget: 380,000 €.

Recent publications

- Maniatis G, Demiris N, Kranis A, Banos G, Kominakis A, 2013. Genetic analysis of sexual dimorphism of body weight in broilers. *J. Appl. Gen.* 54 (1): 61-70.
- Maniatis G, Demiris N, Kranis A, Banos G, Kominakis A, 2013. Model comparison and estimation of genetic parameters for body weight in commercial broilers. *Can. J. Anim. Sci.* 93(1): 67-77.
- Symeon GK, Charismiadou M, Mantis F, Bizelis I, Kominakis A, Rogdakis E, 2013. Effects of caponization on fat metabolism-related biochemical characteristics of broilers. *J. Anim. Phys. and Anim. Nutr.* 97(1): 162-169.
- Nezamidoust M, Kominakis A, Safari A, 2013. Use of Wood's model to analyze the effects of milking methods on lactation curve in sheep. *Small Rum. Res.* 113(1): 195–204.
- Simitzis P, Skoupa EP, Goliomytis M, Kominakis A, Deligeorgis S, 2013. The effects of mild maternal undernutrition on the post-weaning behaviour of rabbits. *Appl. Anim. Beh. Sci.* 148(1-2): 157–163.

- Zoidis E, Demiris N, Kominakis A, Pappas AC, 2013. Meta-analysis of selenium accumulation and expression of antioxidant enzymes in chicken tissues. *Animal*. doi:10.1017/S1751731113002395.
- Kassi E, Sule E, Kominakis E, Spilioti E, Moutsatsou P, 2014. Lack of Association Between Estrogen Receptor-Alpha Single-Nucleotide Polymorphism (Codon 594 G-->A) and Postmenopausal Osteoporosis: A Pilot Study. *Hospital Chronicles*, 9(2): 1-4.
- Bellos G, Mikropoulos T, Deligeorgis S, Kominakis A, 2015. Learning efficiency of two ICT-based instructional strategies in Greek sheep farmers. *Journal of Agricultural Education and Extension* DOI:10.1080/1389224X.2015.1095775 .
- Maniatis G, Demiris N, Kranis A, Banos G, Kominakis A, 2015. Comparison of inference methods of genetic parameters with an application to body weight in broilers. *Arch. Anim. Breed.* 58: 277–286.
- Kassi E, Semaniakou A, Sertedaki A, Evangelopoulos ME, Kazazoglou T, Kominakis A, Sfagos C, Charmandari E, Chrousos GP, Moutsatsou P, 2016. Sequencing analysis of the human glucocorticoid receptor (NR3C1) gene in multiple sclerosis patients. *J. of the Neurological Sci.* 363:165–169.
- Saridaki A, Antonakos G, Hager-Theodoridis A, Zoidis E, Tsiamis G, Bourtzis K, Kominakis A, 2016. Genomic markers and candidate genes associated with milk yield in the Frizarta dairy sheep. *J. Appl. Genet* (submitted).