

CURRICULUM VITAE

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ACADEMIC POST

- Professor, Clinic of Farm Animals, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece

SPECIALIZATION (COLLEGES)

- Diplomate of the European College of Bovine Health Management (ECBHM)

SABBATICALS

- 2007: Visiting Assistant Professor, Farm Animal Production Medicine, School of Veterinary Medicine, University of Wisconsin – Madison, Madison, Wisconsin, USA
- 2010: Visiting Assistant Professor, Department of Animal Science, University of Nebraska-Lincoln, Lincoln, Nebraska, USA

PUBLICATIONS

1. Effect of Kalzoral® preparation on prevention of parturient paresis relapse in dairy cows. Karatzias H., Roubies N., Christodouloupoulos G., **Panousis N.**, Papasteriades A. *Bulletin Hellenic Veterinary Medical Society*, 1997, 48 (1): 24-31
2. Laminitis in dairy cows. **Panousis N.**, Karatzias H. *Bulletin Hellenic Veterinary Medical Society*, 1999, 50 (3): 206-211
3. Investigations on the liver function and its prognostic value in dairy cows with hypocalcaemic paralysis. **Panousis N.**, Roubies N., Karatzias H. *Bulletin Hellenic Veterinary Medical Society*, 2000, 51 (1): 63-68
4. Postparturient liver diseases of dairy cattle (Ketosis, fatty liver). I. Etiology and pathogenesis. **Panousis N.**, Karatzias H. *Bulletin Hellenic Veterinary Medical Society*, 2000, 51 (3): 182-187
5. Postparturient liver diseases of dairy cattle (Ketosis, fatty liver). II. Management principles. **Panousis N.**, Karatzias H. *Bulletin Hellenic Veterinary Medical Society*, 2000, 51 (4): 249-254

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7. Pregnancy toxemia of ewes: A literature review. **Panousis N.**, Brozos C. Fthenakis G., Karatzias H. *Bulletin Hellenic Veterinary Medical Society*, 2001, 52 (2): 89-96
8. Survey of carotenes and vitamin A concentrations in cattle to be slaughtered in Thessaloniki. Christodoulopoulos G., Roubies N., Karatzias H., **Panousis N.**, Papasteriadis A. *Bulletin Hellenic Veterinary Medical Society*, 2001, 52 (2): 146-151
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10. A study on the occurrence and etiology of abomasal displacement in dairy cattle in Greece. Karatzias H., **Panousis N.** *Cattle Practice*, 2003, 11 (3): 135-139
11. Nitrate poisoning in ruminants. Katsoulos P.D., **Panousis N.**, Karatzias H. *Journal Hellenic Veterinary Medical Society*, 2004, 55 (3): 226-234
12. Prevalence of parasites in intensively managed dairy cattle in Thessaloniki region, Greece. Diakou N., Papadopoulos E., Papachristou F., Haralampidis S., Karatzias H, **Panousis N.** *Cattle Practice*, 2005, 13 (1), 51-54
13. Effects of long-term dietary supplementation with clinoptilolite on incidence of parturient paresis and serum concentrations of total calcium, phosphate, magnesium, potassium, and sodium in dairy cows. P.D. Katsoulos, N. Roubies, **N. Panousis**, G. Arsenos, E. Christaki, H. Karatzias. *American Journal of Veterinary Research*, 2005, 66 (12): 2081-2085
14. Effects on blood concentrations of certain serum fat soluble vitamins of long-term feeding of dairy cows on a diet supplemented with clinoptilolite. P.D. Katsoulos, **N. Panousis**, N. Roubies, E. Christaki, H. Karatzias. *Journal of Veterinary Medicine A*, 2005, 52: 157-161
15. Long term fluctuations and effect of age on serum concentrations of certain fat-soluble vitamins in dairy cows. P.D. Katsoulos, N. Roubies, **N. Panousis**, P. Karatzanos, H. Karatzias. *Veterinary Clinical Pathology*, 2005, 34: 362-367
16. Effects of Long-Term Feeding Dairy Cows on a Diet Supplemented With Clinoptilolite on Certain Serum Trace Elements. P.D. Katsoulos, N. Roubies, **N. Panousis**, H. Karatzias. *Biological Trace Elements Research*, 2005, 108 (1-3): 137-146
17. The Role of Natural and Synthetic Zeolites as Feed Additives on the Prevention and/or the Treatment of Certain Farm Animal Diseases: A Review. D. Papaioannou, P.D. Katsoulos, **N. Panousis**, H. Karatzias. *Microporous and Mesoporous Materials*, 2005,84: 161-170
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20. Neurological examination of small ruminants. N.D. Giadinis, **N.K. Panousis**, Z. Polizopoulou, X. Karatzias. *Journal Hellenic Veterinary Medical Society*, 2006, 57 (1): 11-18
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25. Clinicopathologic evaluation of hepatic lipidosis in periparturient dairy cattle. E. Kalaitzakis, N. Roubies, **N. Panousis**, K. Pourliotis, E. Kaldrymidou, H. Karatzias. *Journal of Veterinary Internal Medicine*, 2007, 21: 835-845
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28. Effect of halofuginone lactate on treatment and prevention of lamb cryptosporidiosis: an extensive field trial. N.D. Giadinis, E. Papadopoulos, **N. Panousis**, M. Papazahariadou, S.Q. Lafi, H. Karatzias. *Journal of Veterinary Pharmacology and Therapeutics*, 2007, 30, 578-582
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42. Haematology of Downer Dairy Cows with Fatty Liver. E. Kalaitzakis, **N. Panousis**, N. Roubies, E. Kaldrymidou, H. Karatzias. *Turkish Journal of Veterinary and Animal Sciences*, 2011, 35 (1): 1-8
43. Illthrift in suckling lambs secondary to umbilical infections and possible implication of cryptosporidiosis as a risk factor. N. D. Giadinis, E. Papadopoulos, P. Loukopoulos, **N. Panousis**, E. Kalaitzakis, A. Koutsoumpas, H. Karatzias. *Veterinary Medicine International*, 2011, Volume 2011, Article ID 382804, 3 pages, doi:10.4061/2011/382804

44. Evaluation of Precision Xceed® meter for on-site monitoring of blood β -hydroxybutyric acid and glucose concentrations in dairy sheep. **N. Panousis**, Ch. Brozos, I. Karagiannis, N.D. Giadinis, S. Lafi, M. Kritsepi-Konstantinou. *Research in Veterinary Science*, 2012, 93: 435-439
45. Evaluation of Precision Xceed® for on-site monitoring of blood β -hydroxybutyric acid and glucose in dairy cows. **N. Panousis**, M. Kritsepi-Konstantinou, I. Karagiannis, E. Kalaitzakis, S. Lafi, Ch. Brozos. *Journal of the Hellenic Veterinary Medical Society*, 2011, 62 (2): 109-117
46. Subacute ruminal acidosis in dairy cows. G.C. Kitkas, **N. Panousis**, G.E. Valergakis, Ch. Karatzias. *Journal of the Hellenic Veterinary Medical Society*, 2011, 62 (4): 352-362
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50. Acute visceral cysticercosis in feed-lot lambs. Koutsoumpas A., Psychas V., Papadopoulos E., **Panousis N.**, Karatzias H., Giadinis ND. *Revue de Medecine Veterinaire*, 2013, 164 (8-9): 425-428
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52. Associations of pre-lambing body condition score and serum β -hydroxybutyric acid and non-esterified fatty acids concentrations with periparturient health of Chios dairy ewes. I. Karagiannis, **N. Panousis**, E. Kioussis, I. Tsakmakidis, S. Lafi, G. Arsenos, C. Boscas, Ch. Brozos, *Small Ruminant Research*, 2014, 120: 164-173
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54. Effect of *Saccharomyces cerevisiae* supplementation on health and performance of dairy cows during transition and early lactation period. Bakr H.A., Hassan M.S., Giadinis N.D., **Panousis N.**, Ostojić Andrić D., Abd El-Tawab M.M., Bojkovski J. *Biotechnology in Animal Husbandry*, 2015, 31 (3): 349-364
55. Abortions in 3 beef cattle herds attributed to selenium deficiency. Giadinis ND, Loukopoulos P, Petridou EJ, **Panousis N**, Konstantoudaki K, Filioussis G, Tsousis G, Brozos

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56. Genetic parameters of calcium, phosphorus, magnesium and potassium serum concentrations during the first 8 days after calving in Holstein cows. V. Tsiamadis, G. Banos, **N. Panousis**, M. Kritsepi-Konstantinou, G. Arsenos, G. E. Valergakis. *Journal of Dairy Science*, 2016, 99 (7): 5535-5544
57. Genetic parameters of subclinical macromineral disorders and major clinical diseases in postparturient Holstein cows. V. Tsiamadis, G. Banos, **N. Panousis**, M. Kritsepi-Konstantinou, G. Arsenos, G. E. Valergakis. *Journal of Dairy Science*, 2016, 99: 8901-8914
58. Investigation of milk urea nitrogen concentration and factors affecting its variation in Greek Holstein herds. Siachos N., **Panousis N.**, Arsenos G., Valergakis G.E. *Journal of the Hellenic Veterinary Medical Society*, 2017, 68 (3): 423-432
59. Association of passive transfer of immunoglobulins and hematologic analytes with *Cryptosporidium* spp. infection in Holstein calves. N. Siachos, S. Sougaris, M. Kritsepi-Konstantinou, E. Kiosis, E. Papadopoulos, E. Kalaitzakis, G.E. Valergakis and **N. Panousis**. *Revue de Medecine Veterinaire*, 2017, 168 (4-6): 108-115
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61. Is rumenocentesis a safe technique to collect rumen fluid in dairy cows? **Panousis N.**, Kitkas G. and Valergakis GE. *Journal of the Hellenic Veterinary Medical Society*, 2018, 69 (3): 1135-1140
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63. Evaluation of a portable ketometer for on-site monitoring of blood β -hydroxybutyrate concentrations in dairy sheep and goats. **N. Panousis**, G.E. Valergakis, E. Kalaitzakis, N. Siachos, E. Kiosis and G. Arsenos. *Revue de Medecine Veterinaire*, 2018, 169 (10-12): 197-202
64. Associations of periparturient β -hydroxybutyric acid and non-esterified fatty acids blood serum concentrations with milk yield, milk composition and milk somatic cells count of intensively managed Chios dairy ewes. Karagiannis I., Brozos C., Kiossis E., Boscoc C., Fthenakis G., **Panousis N.** *Journal of the Hellenic Veterinary Medical Society*, 2018, 69 (4): 1195-1204
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69. *Coxiella burnetii* shedding in milk and molecular typing of strains infecting dairy cows in Greece. Emmanouil Kalaitzakis, Tiziano Fancello, Xavier Simons, Ilias Chaligiannis, Sara Tomaiuolo, Marianna Andreopoulou, Debora Petrone, Aikaterini Papapostolou, Nektarios D. Giadinis, **Nikolaos Panousis**, Marcella Mori. *Pathogens*, 2021, 10, 287
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75. Association of post-partum serum Ca patterns with reproduction in Holstein cows. V. Tsiamadis, N. Siachos, **N. Panousis**, G. Banos, A. Kougioumtzis, G.E. Valergakis. *Theriogenology*, 2022, 184: 73-81
76. Phenotypical variation of ruminal volatile fatty acids and pH during the peri-weaning period in Holstein calves and factors affecting them. Panagiota Kazana, Nektarios Siachos, **Nikolaos Panousis**, Anatoli Petridou, Vasilis Mougios, Georgios E. Valergakis. *Animals*, 2022, 12, 894
77. Skeletal muscle and adipose tissue reserves and mobilization in transition Holstein cows: Part 1 Biological variation and affecting factors. N. Siachos, G. Oikonomou, **N. Panousis**,

- V. Tsiamadis, G. Banos, G. Arsenos, G.E. Valergakis. *Animal*, 2022, 100627, DOI: 10.1016/j.animal.2022.100627
78. Skeletal muscle and adipose tissue reserves and mobilization in transition Holstein cows: Part 2 Association with post-partum health, reproduction and milk production. N. Siachos, G. Oikonomou, **N. Panousis**, V. Tsiamadis, G. Banos, G. Arsenos, G.E. Valergakis. *Animal*, 2022, 100626, DOI: 10.1016/j.animal.2022.100626
79. Association between ruminal pH and rumen fatty acids concentrations of Holstein cows in different stages of lactation. Georgios C. Kitkas, Georgios E. Valergakis, Maria Kritsepi-Konstantinou, Athanasios I. Gelasakis, Panagiotis D. Katsoulos, Emmanouil Kalaitzakis, **Nikolaos K. Panousis**. *Ruminants*, 2022, 2, 382-389
80. Genetic parameters of serum total protein concentration measured with a Brix refractometer in Holstein newborn calves and fresh cows. Aikaterini Soufleri, Georgios Banos, **Nikolaos Panousis**, Alexandros Kougioumtzis, Vangelis Tsiamadis, Georgios Arsenos, Georgios E. Valergakis. *Animals*, 2023, 13, 366
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REVIEWER IN SCIENTIFIC JOURNALS

- Acta Veterinaria-Beograd
- Acta Veterinaria Eurasia
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- Animal Feed Science and Technology
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- Journal of the Hellenic Veterinary Medical Society
- Journal of Nanobiotechnology
- Journal of Veterinary Medicine A
- Livestock Science

- Research in Veterinary Science
- Revue de Medecine Veterinaire
- Small Ruminant Research
- The Open Clinical Chemistry Journal
- Turkish Journal of Veterinary and Animal Sciences
- Veterinary and Animal Science
- Veterinary Journal
- Veterinary Record Case Reports
- Vet–Med Czech (Veterinari Medicina)