

# **LABRINI V. ATHANASIOU, DVM, MSc, PhD**

**Associate Professor**  
**DIAGNOSTIC LABORATORY**  
**DEPARTMENT OF MEDICINE**  
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## **EDUCATION**

- DVM, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (1993)
- Internship, Clinic of Medicine, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (1993-1994)
- MSc, National School of Public Health, Athens, Greece (1996)
- PhD, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (2004)

## **LANGUAGES**

Greek, English, French, Spanish, German

## **PROFESSIONAL ACTIVITIES**

1994-1996 National School of Public Health, Department of Veterinary Public Health, Laboratory of zoonoses

1996-2008 VETERIN S.A. Regulatory Affairs Manager

1999-2008 VETERIN S.A., Experimental Unit (GLP accredited) Veterinary Studies Manager

2005-2006 Lectures on Parasitology, School of Animal Production, Technological and Educational Foundation, Larissa

2001-2008 Pharmacovigilance Manager, VETERIN S.A.

2004-2011 Adjunct Lecturer, Department of Medicine, Faculty of Veterinary Medicine, University of Thessaly

2011-2013 Lecturer, Department of Medicine, Faculty of Veterinary Medicine, University of Thessaly

2013-2018 Assistant Professor, Department of Medicine, Faculty of Veterinary Medicine, University of Thessaly

2018- Associate Professor, Department of Medicine, Faculty of Veterinary  
Today Medicine, University of Thessaly

## **Undergraduate teaching**

### *Lectures*

- Clinical Propedeutics and Laboratory Diagnosis (production animals): 2009-today
- Clinical Propedeutics and Laboratory Diagnosis (companion animals): 2004-2009

- General Medicine (Clinical and Laboratory Diagnosis): 2009-today
- Clinical Hematology and Oncology: 2006-today
- Urology and Nephrology: 2004-2009, 2011-2012, 2013-2015

*Clinical and laboratory teaching*

**Postgraduate teaching and supervision of post -graduate students**

- Lectures on Laboratory Quality Assurance in the National School of Public Health
- From March 2011 until present I have supervised the internship in companion animal medicine and diagnostic laboratory techniques of 19 veterinarians, at the Department of Medicine, Faculty of Veterinary Medicine, University of Thessaly.
- Member of the advisory committee of 8 PhD students
- Supervisor of one PhD student.

**ADMINISTRATIVE ACTIVITIES**

- 2001-2008 Pharmacovigilance Manager, VETERIN S.A.  
 1999-2008 VETERIN S.A., Experimental Unit (GLP accredited) Veterinary Studies Manager  
 1996-2008 VETERIN S.A. Regulatory Affairs Manager  
 2011-present Member of the General Assembly  
 2011-2012 Member of the University Senate  
 2013-present Member of the Internal Evaluation Committee  
 2015-present Member of the Bioethics Committee

**RESEARCH**

**Research interests**

- Quality Assurance of Laboratories, Clinical and Laboratory Diagnostics
- Leishmaniosis - Arthropod borne diseases
- Wildlife diseases
- Clinical Pharmacology

**Research grants**

- 1996 “Application of Molecular Biology Techniques in the diagnosis of Leishmaniasis”, organized by the National School of Public Health and funded by Central Health Council (Resp. Prof V. Kontos)  
 1997 Member of the research team of the project “Health Education and the Prevention of the transmission of zoonoses in four municipalities in Greek borders for in the neighboring countries”, organized by the National School of Public Health and funded by the Interreg II (Resp. V. Kontos)  
 2000 Member of the research team of the project “Determination of the concentrations of zeralenone in premixes and porcine meat and their effect on the producibility of porcine industry”, organized by the National Agricultural Research Foundation, funded by the Ministry of Development (Resp. Dr A. Lymberopoulos)

- 2001 Member of the research team of the project “Study for the estimate of the needs for the capability and efficacy in the treatment of diseases coming from the following zoonoses: Bovine Spongiform Encephalopathy –BSE, Leishmaniasis (*Leishmania infantum*), Rickettsioses (*R.conorii*, *Ehrlichia spp.*, Q-fever-*Coxiella burnetii*) and others” organised by the National School of Public Health and funded by the OECD (Action on Balkan countries supported by the Development Assistance Committee of the OECD) (Resp Prof V. Kontos)
- 2003 Invited expert “Quality Assurance and Accreditation of Laboratories” Phare Institution Building Twinning Programs, Sofia Bulgaria (Resp. A. Tyrpenou)
- 2004 Invited expert “Quality Assurance and Accreditation of Laboratories” Phare Institution Building Twinning Programs, Sofia Bulgaria (Resp. A. Tyrpenou)
- 2005 Member of the research team of the project PLATON “Maitrise intégrée du parasitisme par des nématodes chez les petits ruminants” organised by the NAGREF and UMR 959 INRA/ENVT, Physiopathologie des Maladies Infectieuses et Parasitaires des Ruminants funded by EU (Resp. Dr. S. Sotiraki)
- 2010 “System for generation of indicators of a health map” National School of Public Health , ESPA 2007-2013. (Prof. V. Kontos)
- 2010 Novel Technologies for Surveillance of Emerging and Re-emerging Infections of Wildlife (funded by European EU FP7) (Resp. Prof. Billinis)
- 2011 Member of the research team of the project “ESNIP 3 - European surveillance network for influenza in pigs (ESNIP) 3” funded by EU (Resp. Prof. Billinis)
- 2011 Control program for West Nile Virus and Malaria, enforcement of surveillance in Greece (Greek Ministry of Health and Solidarity-ESPA 2007-2013) (Resp. Assoc. Prof C. Chatzichristodoulou) (active participation in the compilation of the proposal)
- 2011 “Establishing reference values for antithrombin III in dogs and determination of antithrombin III in dogs with proteinuria” granted by the Research Committee of the University of Thessaly (Resp. L.V. Athanasiou)
- 2012 Diagnosis and treatment of zoonoses in stray dogs in Thessaly, Targeted Action funded by the Research Committee University of Thessaly (Resp. M.N. Saridomichelakis).
- 2012 Interdisciplinary Investigation and Identification of Rotaviruses, Bartonella Henselae and Leishmania from Children and Animal Hosts Using Novel Technologies. Public Health Importance. (Greek Ministry of Education funded by action Thalys, ESPA 2007-2013, € 600,000, Resp. Prof. C. Billinis)(active participation in the compilation of the proposal)
- 2014 Development and Evaluation of Veterinary Medicinal Products, funded by private pharmaceutical companies (Resp. L.V. Athanasiou)

## **Contract Research**

From 1998 to 2008 I conducted 74 pre-clinical and clinical studies, in all animal species working as Veterinary Study Manager at the GLP accredited Test Unit of VETERIN S.A. for the company's own products as well as contract research for Multinational Companies. Information about these studies is available upon request.

## **REVIEW PAPERS**

1. Athanasiou L., Tzivara A. and Kontos V. **Ocular manifestations of systemic diseases.** *Anima*, 1996, 4(2): 35-51.
2. Kontos V.I., Athanasiou L.V. **Clinical examination of the cat: highlights and particularities.** *Bulletin of the Hellenic Veterinary Medical Society* 1998, Special Volume, 63-69.
3. Kontos V.I., Athanasiou L.V. **Lyme disease.** *Bulletin of the Hellenic Veterinary Medical Society* 1999, 50(4): 271-275.
4. Saridomichelakis N.M., Athanasiou L.V., Kasabalis D. **Is there any place for "second line" medication in the treatment of canine leishmaniosis? The aminosidine paradigm.** *Journal of the Hellenic Veterinary Medical Society* 2008, 59(3): 239-246.
5. Athanasiou L.V. **Biochemical test in sheep health management.** *Proceedings of the 11th Greek Veterinary Congress, Athens, Greece, 2009*, pp 189-190.
6. Athanasiou L.V. **Importance of clinical studies on the evaluation of safety and efficacy of veterinary medicinal products for sheep.** *Proceedings of the scientific meeting on "Current issues in ovine therapeutics" Patra, 17-18 October 2009*, pp 83-86.
7. Athanasiou L.V. **Pharmacodynamics and pharmacokinetics of antimicrobials commonly used in dermatology.** *Proceedings of the 7th meeting of the Hellenic Society of Veterinary Dermatology, Athens, 19-20 November 2011*, pp 1-6.
8. Saridomichelakis M.N., Chatzis C.K., Athanasiou L.V. **Nodular and neoplastic skin disease in cat: the secrets of diagnosis and treatment.** *Proceedings of the 3rd Forum of Companion Animal Veterinary Medicine, Athens 10-12 February 2012* pp 31-44.
9. Athanasiou L.V., Saridomichelakis M.N. **Renal biomarkers in dogs and cats.** *Proceedings of the 12th Hellenic Veterinary Congress, Athens 5-8 April 2012.*
10. Saridomichelakis M.N., Kasabalis D., Athanasiou L.V. **Common mistakes in the diagnostic examinations that are used in canine and feline dermatology** *Proceedings of the 12th Hellenic Veterinary Congress, Athens 5-8 April 2012.*
11. Athanasiou L.V. **Common questions for the interpretation of the results of IFA** *Proceedings of the 6th Forum of Companion Animal Veterinary Medicine, Athens 13-15 March 2015* pp 31-38.
12. Athanasiou L.V., Chatzis M.K., Kontou I.V., Kontos V.I., Spyrou V. **Feline bartonellosis. A review.** *Journal of the Hellenic Veterinary Medical Society* 2012, 63 (1): 63-74.

13. Athanasiou L.V. **The evaluation of proteinuria and its clinical importance** Proceedings of the 11<sup>th</sup> Panhellenic Congress of Companion Animal Medicine, Athens 2016.
14. Athanasiou L.V. **The role of symmetric dimethylarginine in the management of chronic kidney disease** Proceedings of the 11th Panhellenic Congress of Companion Animal Medicine, Athens 2016.
15. Sotiraki S.T., Athanasiou L.V., Himonas C.A., Kontos V.I., Kyriopoulos I. **Trichinellosis in Greece: A review.** Parasite, 2001, 8(2), 83-85.
16. Athanasiou L.V., Orfanou D.C., Fragkou I.A., Gougoulis D.A., Nerou C. **Proposals for withdrawal period of sheep milk for some commonly used veterinary medicinal products: A review.** Small Ruminant Research 2009, (86), 2–5.
17. Giannouloupoulos G.D., Athanasiou L.V., Polizopoulou Z.S. **D-dimer as a diagnostic tool for canine thromboembolic disorders** Journal of the Hellenic Veterinary Medical Society 2010, 61 (1): 49-56.
18. Liaskos C., Mavropoulos A., Orfanidou T., Spyrou V., Athanasiou L.V., Billinis C. **The immunopathogenetic role of autoantibodies in canine autoimmune hepatitis: lessons to learn from human autoimmune hepatitis** Autoimmunity Highlights 2012, 3 (3):87-93
19. Chatzopoulos D.C., Athanasiou L.V., Spyrou V., Fthenakis G.C., Billinis C. **Rotavirus infections in domestic animals.** Journal of the Hellenic Veterinary Medical Association 2013, 64(2): 145-160.
20. Marka A, Diamantidis A, Papa A, Valiakos G ,..., Athanasiou L, Papanastassopoulou M, Ioannou C, Athanasiou C, Gerofotis C, Papadopoulou E, Testa T, Tsakalidou O, Rachiotis G, Bitsolas N, Mamouris Z, Moutou K, Sarafidou T, Stamatis K, Sarri K, Tsiodras S, Georgakopoulou T, Detsis M, Mavrouli M, Stavropoulou A, Politi L, Mageira G, Christopoulou V, Diamantopoulou G, Spanakis N, Vrioni G, Piperaki ET, Mitsopoulou K, Kioulos I, Michaelakis A, Stathis I, Tselentis I, Psaroulaki A, Keramarou M, Chochlakis D, Photis Y, Konstantinou M, Manetos P, Tsobanoglou S, Mourelatos S, Antalis V, Pergantas P, Eleftheriou G. **West Nile virus state of the art report of MALWEST Project.** Int J Environ Res Public Health 10(12): 6534-610.
21. Kantere M., Athanasiou L. V., Chatzopoulos D. C., Spyrou V., Valiakos G., Kontos V. and Billinis C. **Enteric pathogens of dogs and cats with public health implications.** American Journal of Animal and Veterinary Sciences 2014, 9 (2): 84-94.
22. Athanasiou L.V. **Quality policy in the veterinary diagnostic laboratory; the paradigm of application of Good Laboratory Practice** Journal of the Hellenic Veterinary Medical Society 2014, 65(3): 139-148.
23. Athanasiou L.V., Tsokana C.N., Saridomichelakis M.N. **Glucose measurement using portable blood glucose meters in dogs and cats** Journal of the Hellenic Veterinary Medical Society 2014, 65(4): 273-288.
24. Sokos C, Birtsas P, Papaspyropoulos KG, Giannakopoulos A, Athanasiou LV, Manolakou K, Spyrou V, Billinis C. **Conservation considerations for a management measure: An integrated approach to hare rearing and release.** Environ Manage 2015, 55: 19-30.
25. Kyriakis CS, Billinis C, Papadopoulos E, Vasileiou NG, Athanasiou LV, Fthenakis GC. **Bluetongue in small ruminants: An opinionated review, with a brief**

- appraisal of the 2014 outbreak of the disease in Greece and the south-east Europe.** *Veterinary Microbiology* 2015, 181(1-2):66-74.
26. Athanasiou L.V., Psemmas D.E., Papaioannou N. **Conjunctival cytology assessment in dogs and cats. Sampling, diagnostic techniques and findings** *Journal of the Hellenic Veterinary Medical Society* 2018, 69, 701-710.
  27. Katsogiannou E.G., Athanasiou L.V., Christodoulopoulos G., Polizopoulou Z.S. **Diagnostic approach of anemia in ruminants.** *Journal of the Hellenic Veterinary Medical Society*, 2018, 69(3): 1033-1046.
  28. Athanasiou L.V., Tsokana, C.N., Pardali, D., Moraitou, K.A. **Histograms of Complete Blood Counts in dogs: Maximizing diagnostic information** *Topics in Companion Animal Medicine* 2018, 33, 141-146.
  29. Athanasiou L.V. Spyropoulou M. Meichner K. **The laboratory diagnostic approach to thoracic and abdominal effusions in the dog, cat, and horse** *Journal of the Hellenic Veterinary Medical Society* 2019, 70(3): 1589-1602.
  30. Tsokana C.N., Sokos C., Giannakopoulos A., Birtsas P., Valiakos G., Spyrou V., Athanasiou L.V., Rodi Burriel A., Billinis C. **European Brown hare (*Lepus europaeus*) as a source of emerging and re-emerging pathogens of Public Health importance: A review.** *Veterinary Medicine and Science* 2020, 6(3):550-564.
  31. Papatsiros V., Athanasiou L.V., Stougiou D., Christodoulopoulos G., Boutsini S. **Trichinella britovi as a risk factor for alternative pig production systems in Greece and Europe.** *Research Forum.* 2020; 11 (3) 199-205
  32. Koutsianos D., Athanasiou L.V., Mossialos D., Koutoulis C. **Colibacillosis in poultry: A disease overview and the new perspectives for its control and prevention.** *Journal of the Hellenic Veterinary Medical Society* 2020

#### THESIS

33. Athanasiou LV **.Contribution to the study of epidemiology, diagnosis and treatment of canine leishmaniosis.** Doctoral thesis, Laboratory of Parasitology and Parasitic Diseases, School of Veterinary Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece, 2004.

#### RESEARCH PAPERS

34. Kontos V.I., Athanasiou L.V. **Use of enrofloxacin in the treatment of Acute Canine Ehrlichiosis.** *Canine Practice*, 1998, 23(3): 10-14.
35. Kontos V.I., Athanasiou L.V., Bitschava D. **Serological study of ehrlichiosis in dogs with clinical leishmaniasis.** *Bulletin of the Hellenic Veterinary Medical Society*, 1998, Suppl 171-174.
36. Athanasiou L.V., Vassalou E.M., Kountouri A.K., Kontos V.I., Vakalis N. **Epidemiological study of dermatophytiasis in cats from Attiki.** *Bulletin of the Hellenic Veterinary Medical Society*, 1998, Suppl 171-174.
37. Delis G., Batzias G., Athanasiou L. **Comparative pharmacokinetics of two clindamycin formulations after oral administration in dogs.** *Journal of Veterinary Pharmacology and Therapeutics*, 2003, 29(Suppl 1): 127-128.
38. Athanasiou L., Batzias G., Delis G. **Pharmacokinetics of aminosidine in healthy and leishmania infected dogs** *Journal of Veterinary Pharmacology and Therapeutics*, 2003, 29(Suppl 1): 128-129.

39. Batzias G., Delis G., Athanasiou L. **Trimethoprim does not reach detectable plasma levels after intramuscular administration of sulfadiazine-trimethoprim combination in sheep: A pharmacokinetic study.** Journal of Veterinary Pharmacology and Therapeutics, 2003, 29(Suppl 1):129-130.
40. Fletouris D.J., Athanasiou L.V., Nakos D.S., Papapanagiotou E.P., Psomas I.E. **Liquid chromatographic analysis of incurred albendazole residues in sheep milk following oral administration of an albendazole 2.5% suspension.** Journal of Veterinary Pharmacology and Therapeutics, 2003, 29(Suppl 1): 286-287.
41. Athanasiou L.V., Polizopoulou Z.V., Batzias G., Papaioannou N., Roubies N., Siochou A. **Serum muscle enzyme activity and histopathological changes as indicators of post injection muscle damage in sheep and pigs** Journal of Veterinary Pharmacology and Therapeutics, 2003, 29(Suppl 1): 290-291.
42. Panderi I., Gerakis A., Zonaras V., Athanasiou L., Kazanis M. **Development and validation of a liquid chromatography-electrospray ionization mass spectrometric method for the determination of dexamethasone in sheep plasma.** Analytica Chimica Acta 2004, 504(2): 299-306.
43. Athanasiou L.V., Sotiraki S.T., Brozos C.N., Giannakopoulos C.G., Gerakis A.M. **Use of ivermectin for the treatment of sarcoptes infestation in sheep. A plasma concentration and clinical efficacy study.** Proceedings of the 6th International Sheep Veterinary Congress, Hersonissos, Greece, 2005, 132-133.
44. Athanasiou L.V., Polizopoulou Z.S., Brozos C.N., Bodina E.S., Gerakis A.M. **Efficacy and safety of two commonly used protocols for the treatment of ovine footrot.** Proceedings of the 6th International Sheep Veterinary Congress, Hersonissos, Greece, 2005, 133-134.
45. Batzias G.C., Delis G.N., Athanasiou L.V. **Clindamycin bioavailability and pharmacokinetics following oral administration of clindamycin hydrochloride capsules in dogs** Veterinary Journal, 2005, 170(3): 339-345.
46. Mylonakis M., Day M., Leontides L., Saridomichelakis M., Koutinas A., Polizopoulou Z., Petanides T., Farmaki R., Athanasiou L. **Type of smears may influence the thrombopoietic cell counts in the bone marrow of clinically healthy dogs.** Veterinary Clinical Pathology, 2005, 34(4): 358-361.
47. Athanasiou L.V., Polizopoulou Z.S., Bodina E.S., Panagopoulos P.H., Katsoudas V.L. **A comparative study on the withdrawal period in milk of two antimicrobials intrauterine administered to healthy cows.** Journal of Veterinary Pharmacology and Therapeutics, 2006, 29(Suppl 1): 146.
48. Ververidis H.N., Mavrogianni V.S., Fragkou I.A., Orfanou D.C., Gougoulis D.A., Tzivara A., Gouletsou P.G., Athanasiou L., Boscoc C.M., Fthenakis G.C. **Experimental staphylococcal mastitis in bitches: Clinical, bacteriological, haematological and pathological features.** Veterinary Microbiology 124 (2007), 95-106.
49. Orfanou D.C., Ververidis H.N., Pourlis A., Fragkou I.A., Kokoli A.N., Boscoc C.M., Taitzoglou I.A., Tzora A., Nerou C.M., Athanasiou L., Fthenakis G.C. **Post-partum involution of the canine uterus - gross anatomical and histological features** Reprod Domest Anim. 2009 Jul;44 Suppl 2:152-5.
50. Adamama-Moraitou K., Pardali D., Athanasiou L., Prassinou N., Kritsepi M., Rallis T. **Conservative management of canine tracheal collapse with stanazolol: a**

- double blinded placebo controlled clinical trial.** International Journal of Immunopathology and Pharmacology, 2011 Jan-Mar;24(1):111-8.
51. Valiakos G., Touloudi A., Iacovakis C., Athanasiou L., Birtsas P., Spyrou V., Billinis C. **Molecular detection and phylogenetic analysis of West Nile virus lineage 2 in sedentary wild birds (Eurasian magpie), Greece, 2010.** Eurosurveillance, 2011, May 5;16(18).
  52. Saridomichelakis M.N., Athanasiou L.V., Salame M., Chatzis M.K., Katsoudas V., Pappas I.S. **Serum pharmacokinetics of clindamycin hydrochloride in normal dogs when administered at two dosage regimens.** Journal of Veterinary Dermatology, 2011 22(5):429-35.
  53. Orfanou D.C., Papadopoulos E., Cripps P.J., Athanasiou L.V., Fthenakis G.C. **Myiasis in a dog shelter in Greece: epidemiological and clinical features and therapeutic considerations.** Veterinary Parasitology, 2011, 181(2-4):374-8.
  54. Athanasiou L.V., Kontos V.I., Saridomichelakis M.N., Rallis T.S., Diakou A. **A cross-sectional sero-epidemiological study of canine leishmaniasis in Greek mainland.** Acta Tropica. 2012, 122(3):291-5.
  55. Athanasiou L.V., Papadakis S.M., Polizopoulou Z.S. **Spontaneous exstrophy-epispadias complex in a goat-kid** Veterinary Quarterly 2012, Jun; 32(2):117-9.
  56. Valiakos G., Touloudi A., Athanasiou L.V., Giannakopoulos A., Iacovakis C., Birtsas P., Spyrou V., Dalabiras Z., Petrovska L., Billinis C. **Exposure of Eurasian magpies and turtle doves to West Nile virus during a major human outbreak, Greece, 2011.** European Journal of Wildlife Research 2012, 58:749-753.
  57. Valiakos G., Touloudi A., Athanasiou L.V., Giannakopoulos A., Iacovakis C., Birtsas P., Spyrou V., Dalabiras Z., Petrovska L., Billinis C. **Serological and Molecular Investigation into the Role of Wild Birds in the Epidemiology of West Nile Virus in Greece.** Virology Journal 2012, 9:266.
  58. Papatsiros V., Athanasiou L., Tzivara A, Christodoulopoulos G, Maragkakis G., Tzika E., Tassis P. **Rectal prolapse in pregnant sows due to stall housing.** Open Access Scientific Reports 2012, 1:11, 1-3.
  59. Saridomichelakis M.N., Day M., Apostolidis K., Tsioli V., Athanasiou L., Koutinas A. **Basal cell carcinoma in a dog with chronic solar dermatitis** Journal of Small Animal Practice 2013, 54(2):108-11.
  60. Adamama-Moraitou K.K., Pardali D., Menexes G., Athanasiou L.V., Kazakos G., Rallis T.S. **Tidal breathing flow volume loop analysis from 21 healthy, unsexed, young adult, male Beagle dogs** Australian Veterinary Journal 2013, 91(6):226-32.
  61. Athanasiou L.V., Saridomichelakis M.N., Kontos V.I., Spanakos G., Rallis T.S. **Treatment of canine Leishmaniosis with aminosidine at an optimized Dosage Regimen: a Pilot Open Clinical Trial** Veterinary Parasitology 2013, 192(1-3):91-7.
  62. Saridomichelakis M.N., Athanasiou L.V., Chatzis M.K., Salame M., Katsoudas V., Pappas I.S. **Concentrations of clindamycin hydrochloride in homogenates of normal dog skin when administered at two oral dosage regimens,** Veterinary Quarterly 2013;33(1):7-12.
  63. Athanasiou L.V., Papatsiros V., Valiakos G., Pardali D., Touloudi A., Spyrou V., Billinis C. **Effect of Leptospirosis on the concentrations of streptomycin in**



- liver and kidneys of pigs.** American Journal of Animal and Veterinary Sciences 2013, 8 (1): 50-54.
64. Liaskos C, Spyrou V, Roggenbuck D, Athanasiou LV, Orfanidou T, Mavropoulos A, Reinhold D, Rigopoulou EI, Amiridis GS, Billinis C, Bogdanos DP. **Crohn's disease-specific pancreatic autoantibodies are specifically present in ruminants with paratuberculosis: Implications for the pathogenesis of the human disease.** Autoimmunity. 2013, 46, 6, 388-394.
  65. Athanasiou L.V., Petanides T.A., Chatzis M.K. Saridomichelakis M.N. **Measurement of fibrinogen concentration in the plasma of dogs: A comparison between heat precipitation and modified thrombin clotting time method.** American Journal of Animal and Veterinary Sciences, 2013, 8(2): 73-78.
  66. Athanasiou L.V., Giannakopoulos C.G., Polizopoulou Z.S., Katsogiannou E., Kontos V.I. **A comparative study of the ovine haemogram: Cell-Dyn 3500 versus manual methods.** American Journal of Animal and Veterinary Sciences, 2013, 8 (4): 203-209.
  67. Iacovakis, C., Mamuris, Z., Moutou, K.A., Touloudi, A., Hammer, A.S., Valiakos, G., Giannoulis, T., Stamatis, C., Spyrou, V., Athanasiou, L.V., Kantere, M., Asferg, T., Giannakopoulos, A., Salomonsen, C.M., Bogdanos, D., Birtsas, P., Petrovska, L., Hannant, D., Billinis, C. **Polarisation of major histocompatibility complex II host genotype with pathogenesis of European Brown Hare Syndrome virus.** PLoS ONE 2013, 8, 9, e74360
  68. Billinis, C., Athanasiou, L.V., Valiakos, G., Mamuris, Z., Birtsas, P., Spyrou, V. **Phylogenetic analysis of canine distemper viruses from red foxes, Greece.** Veterinary Record, 2013, 173:194
  69. Boutsini, S., Papatsiros, V.G., Stougiou, D., Marucci, G., Liandris, E., Athanasiou, L.V., Papadoudis, A., Karagiozopoulos, E., Bisias, A., Pozio, E. **Emerging Trichinella britovi infections in free ranging pigs of Greece.** Veterinary Parasitology, 2014, 199, (3-4): 278-282.
  70. Athanasiou, L.V., Petanides, T.A., Chatzis, M.K., Kasabalis, D., Apostolidis, K.N., Saridomichelakis, M.N. **Comparison of two commercial rapid in-clinic serological tests for detection of antibodies against Leishmania spp. in dogs.** Journal of Veterinary Diagnostic Investigation 2014, 26, (2): 286-290.
  71. Athanasiou L.V., Chatzis M.K., Gouletsou P.G., Saridomichelakis M.N. **Sensitivity of preputial and vaginal exfoliative cytological examination for diagnosis of canine leishmaniosis (*Leishmania infantum*).** Journal of the Hellenic Veterinary Medical Association, 2014, 65(1): 31-34.
  72. Valiakos G., Papaspyropoulos K., Giannakopoulos A., Birtsas P., Tsiodras S., Hutchings R.M., Spyrou V., Pervanidou D., Athanasiou L.V., Papadopoulos N., Tsokana C., Baka A., Manolakou K., Chatzopoulos D., Artois M., Yon L., Hannant D., Petrovska L., Hadjichristodoulou C., Billinis C. **Use of Wild Bird Surveillance, Human Case Data and GIS Spatial Analysis for Predicting Spatial Distributions of West Nile Virus in Greece.** PLoS One 2014, 9, 5, e96935.
  73. Athanasiou L.V., Batzias G., Saridomichelakis M.N., Delis G., Soubasis N., Kontos V.I., Rallis S.T. **Pharmacokinetics and tolerability of aminosidine after repeated administrations using an optimal dose regimen in healthy dogs**

- and in dogs with leishmaniosis.** *Veterinary Parasitology*, 2014, 205, (1-2): 365–370.
74. Chatzis M.K., Leontides L., Athanasiou L.V., Papadopoulos E., Kasabalis D., Mylonakis M., Rallis T., Koutinas A.F., Andreadou M., Ikonomopoulos J., Saridomichelakis M.N. **Evaluation of indirect immunofluorescence antibody test and enzyme-linked immunosorbent assay for the diagnosis of infection by *Leishmania infantum* in clinically normal and sick cats.** *Experimental Parasitology*, 2014, 147, 54–59
  75. Kantas D., Papatsiros V.G., Tassis P.D., Athanasiou L.V., Tzika E.D. **The effect of a natural feed additive (*macleaya cordata*), containing sanguinarine, on the performance and health status of weaning pigs.** *Animal Science Journal*, 2015, 86(1):92-98.
  76. Liaskos C., Spyrou V., Athanasiou L.V., Orfanidou T., Mavropoulos A., Rigopoulou E., Amiridis G.S., Shoenfeld Y., Billinis C., Bogdanos P. **Crohn's disease-specific anti-CUZD1pancreatic antibodies are absent in ruminants with paratuberculosis.** *Clinics and Research in Hepatology and Gastroenterology* 2015 Jun;39(3):384-390.
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## BOOKS/ BOOK CHAPTERS/ NOTES FOR STUDENTS

**BOOK:** Athanasiou LV, Aravidou E. Veterinary Formulary Athens 2007.

### BOOK CHAPTERS:

1. Collection, storage and shipping of biological samples from small ruminants. In: Small Ruminant Reproduction. GC Fthenakis (ed) pp Tziola Publications, Thessaloniki 2011 (in Greek). The book is distributed to the students of the Veterinary Faculty according to the decision of the General Assembly
2. West Nile Virus: Basic Principles, Replication Mechanism, Immune Response and Important Genetic Determinants of Virulence Authors: George Valiakos, Labrini V. Athanasiou, Antonia Touloudi, Vassilis Papatsiros, Vassiliki Spyrou, Liljana Petrovska and Charalambos Billinis IN: Viral Replication published by InTech - Open Access publisher covering the fields of Science, Technology and Medicine.
3. Molecular Diagnosis of Leishmaniasis, Species Identification and Phylogenetic Analysis Tsokana C.N., Athanasiou L.V., Valiakos G., Spyrou V., Manolakou K., Billinis C. IN: Leishmaniasis Trends in Epidemiology, Diagnosis and Treatment

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**NOTES** available in the e-class system of the University of Thessaly

Introduction to Medicine

Hematology-Oncology

Nephrology-Urology

#### **JOURNAL REFEREEESHIP/EDITORSHIP**

- Referee in scientific Journals: Acta Tropica, American Journal of Agricultural and Biological Sciences, American Journal of Animal and Veterinary Science, American Journal of Clinical Microbiology, Animal Reproduction Science, Antimicrobial Agents and Chemotherapy, BMC-Infectious Diseases, BMC Veterinary Research, Czech Journal of Animal Science, Drug Design Development and Therapy, Drug Research, Ecosphere, Environmental Science and Pollution Research Journal, Foodborne Pathogens and Disease, Frontiers Veterinary Science, Iranian Journal of Applied Animal Science, Hellenic Journal of Companion Animal Medicine, Journal of Agricultural and Biological Sciences, Journal of Clinical Microbiology, Journal of Feline Medicine and Surgery, Journal of the Hellenic Veterinary Medical Society, Journal of Veterinary Diagnostic Investigation, Journal of Virological Methods, Open Veterinary Journal, Memórias do Instituto Oswaldo Cruz, Parasitology, Preventive Veterinary Medicine, PLOS ONE, Small Ruminant Research, Springer Science Reviews, The Journal of Veterinary Medical Science, Transboundary and Emerging Diseases, Veterinary Clinical Pathology, Veterinary Record, Veterinary Quarterly
- Member of the editorial Board:
  - Journal of Veterinary Science and Technology
  - Journal of the Hellenic Veterinary Medical Association
  - Veterinary Clinical Pathology

#### **PRIZES AND DISTINCTIONS**

- Member of the group for editorial of “Veterinary Assistant” study guide by the Training Foundation of Vocational Education (OEEK), (1999-2001).
- Invitations for presentations in national scientific meetings.
- Invitation as expert for the Quality Assurance and Accreditation of National Laboratories organized by the National Agricultural Research Foundation, Phare: Institution Building Twinning Programs, Sofia, Bulgaria (2003).
- Invitation as expert for the detection of Mycotoxins and accreditation of the relevant National Laboratories organized by the National Agricultural Research Foundation, Phare: Institution Building Twinning Programs, Sofia, Bulgaria (2004).
- Member of the EMEA Clinical Trials Advisory Group 2013-2014.
- Member of the EMEA Promoting Good Analysis Advisory Group 2013-2014.
- Evaluator of proposals in the context of COST ACTION (2018-2019)
- Member of the evaluation Committee of European postgraduate programs VETCEE (2019-2020, 2020-2021)
- Evaluator of proposals in the context of program “Support of researchers with emphasis in new researchers (ESPA 2014-2020)

- Evaluator of proposals for the Lifelong Training Centre, Aristotle University of Thessaloniki

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