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***Assistant Professor***

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**STUDIES**

***Undergraduate studies***

* Doctor of Veterinary Medicine, DVM. School of Veterinary Medicine, University of Thessaly, Greece (UTH) (Feb. 2018).

***Postgraduate studies***

**1.** Internship in Farm Animal Medicine (specialization in porcine medicine), Clinic of Medicine,School of Veterinary Medicine, UTH, Greece (October 2018).

**2.** PhD Thesis. School of Veterinary Medicine, UTH, Greece (July 2022): Specification in porcine medicine, porcine herd health management.

***Postdoctoral training***

* Clinic for Swine, Small Ruminants and Forensic Medicine - Department of Animal Medicine, Production and Health - MAPS, University of Veterinary Medicine Padova, Italy (February- March 2023)

***Training programs***

**1.** HIPRA UNIVERSITY - “Porcine Respiratory Disease Complex”. School of Veterinary Medicine, UTH, Greece (13-14 November 2021)

**2.** 3rd MSD Porcine Health Management Conference. Wroclaw, Poland, 26-28 March 2019.

**3.** Department of Animal Medicine, Production and Health - MAPS, University of Veterinary Medicine Padova, Italy (February-March 2023)

**4.** “25 Years of PCV2 Presence: New Data and Challenges in Vaccination Protocols”. School of Veterinary Medicine, UTH, Greece (25-26 November 2023)

**PROFESSIONAL ACTIVITIES**

1. Veterinarian at the OLYMPUS VET, Janurary 2019 – September 2019
2. Scholar of the University of Thessaly in the project "Development of mechanism and monitoring of West Nile virus circulation levels in the Peloponnese Region", July 2020 – November 2020
3. Veterinarian on a pig farm (Piggy Farm, Ancient Olympia, Greece), July 2020 - Present
4. Scholar of the University of Thessaly in the project “Supporting the educational activities of the University of Thessaly during the academic year 2020-2021 by integrating remedial teaching in addition to the main lectures” June 2021 - September 2021
5. Provision of theoretical education at KEK Pyrgos/ School of Meat Trades, November 2021 - January 2021
6. Scholar of the University of Thessaly in the project "Clinical exercise and clinical training of 5th-year students - Emergencies", December 2021 - July 2022
7. Veterinarian at the Military Veterinary Clinic, November 2023 – September 2023
8. Scholar of the University of Thessaly in the project “Educational activities in the academic year 2023-2024 by integrating teaching in the course of Farm Animal Medicine”, March 2024 - July 2024
9. Assistant Professor of Farm Animal Medicine, Faculty of Veterinary Medicine. UTH (Aug 24 – present)

**TEACHING ACTIVITIES**

* October 2019 - July 2024: Lectures, tutorials, clinical teaching, farm visits in porcine medicine, porcine herd health management, reproductive diseases of sow and boar, swine artificial insemination, as well as animal behavior, animal welfare, ethics and legislation at the Veterinary Faculty, University of Thessaly

**RESEARCH**

Co-researcher (Clinic of Medicine, Faculty of Veterinary Medicine, University of Thessaly, Karditsa Greece):

1. Development of innovative feeding methods with the use of alternatives to antibiotics (phytogenics) for the improvement of sheep and goats’ health and productivity. Granted by “Greek Ministry of Rural Development and Food, General Secretariat of Union Resources and Infrastructure, Special RDP Management Service 2021-2022’’.
2. Investigation of PCV2 strains in clinical cases of commercial farms in Greece and Cyprus. Granted by “Zoetis Hellas S.A.’’
3. Consulting Services on herd health management, nutrition and welfare of pig farms collaborating with Farma Elassonas. Granted by “Farma Elassonas S.A.’’.
4. Development of a mechanism and monitoring of West Nile virus circulation levels in the Peloponnese Region. Granted by “County of the Peloponnese’’.
5. Consulting Services - Lectures on porcine herd health management. Granted by “Hipra Hellas S.A.’’
6. Consulting Services in the Agri-food sector. Granted by “Agricultural Cooperative of Cattle Breeders and Sheep Breeders of Western Thessaly’’
7. Study of PCV-2 vaccinations in piglets. Granted by “Zoetis Hellas S.A.’’
8. Eﬀect of a mixture of pure plants with a high content of natural antioxidants (phytogenic feed supplement) on heat-stressed sows. Granted by “Life Circle Nutrition AG’’.
9. Study of PRRSV and PCV2 in clinical forms of PRDC and the vaccine programs for its control. Granted by “Zoetis Hellas S.A.’’
10. Cross-sectional study on the sero- and viral dynamics of PCV2 in endemically PCV2-infected commercial farms. It was granted by HIPRA ΕΛΛΑΣ ΑΕ
11. In vivo efficacy study of an innovative toxin binder on mycotoxicosis in pigs. It was granted by ‘’Bionte Nutrition SL ‘’
12. Investigation of clinical cases of viral infections in productive animal farms. It was granted by private companies.

**DISTINCTIONS**

***A. Editor / Reviewer in international scientific journals***

* **Special Issue Editor:** Veterinary Sciences, Special Issue: “Emerging and Re-emerging Swine Viruses” (<https://www.mdpi.com/journal/vetsci/special_issues/95033Y2QJZ>)
* **Special Issue Editor:** Animals, Special Issue: “Porcine Reproductive and Respiratory Syndrome Virus” <https://www.mdpi.com/journal/life/special_issues/LL01L56Q2S>
* **Editorial Board Member:** Agricultural Sciences | New IntechOpen Book Series

**B. Reviewer in Scientific journals**

* Animals
* Agriculture
* Microbiology Research
* Veterinary Sciences
* Microorganisms
* Journal of the Hellenic Veterinary Medical Society

**PUBLICATIONS**

**A. PhD Thesis**

1. **Papakonstantinou I. Georgios** (2022) Εffects of Porcine Respiratory and Reproductive Syndrome Virus (PRRSV) vaccination of pregnant gilts in the respiratory system of newborn piglets. *Clinic of Medicine, Faculty of Veterinary Medicine, School of Veterinary Medicine, University of Thessaly, Greece*

**Β. Papers in peer-reviewed journals**

1. Papatsiros VG, Stylianaki I, **Papakonstantinou G**, Papaioannou N, Christodoulopoulos G. **Case Report of Transmissible Gastroenteritis Coronavirus Infection Associated with Small Intestine and Brain Lesions in Piglets**. Viral Immunol. 2019;32(1):63-67.
2. Papatsiros VG, Athanasiou LV, Spanou VM, Stylianaki I, **Papakonstantinou G**, Letsios M, Villioti CS, Tsekouras N, Maragkakis G, Papaioannou N, Christodoulopoulos G. **First case of** ***Serratia liquefaciens* isolated from urinary tract infection in sows and associated clinicopathological and pathological findings**. Lett Appl Microbiol. 2020;70(4):259-262.
3. Papatsiros VG, Stylianaki I, **Papakonstantinou G**, Tsekouras N, Bitchava D, Christodoulopoulos G, Papaioannou N. **Histopathological Lesions Accompanied with First-Time Isolation of a PRRSV-2 Strain in Greece**. Viral Immunol. 2020;33(8):1-6.
4. Papatsiros VG, Stylianaki I, Tsekouras N, **Papakonstantinou G**, Gόmez- Nicolau NS, Letsios M, Papaioannou N. **Exposure Biomarkers and Histopathological Analysis in Pig Liver After Exposure to Mycotoxins Under Field Conditions: Special Report on Fumonisin B1**. Foodborne Pathog. Dis. 2021;18(5):315-321.
5. Papatsiros VG, **Papakonstantinou G**, Meletis E, Tsekouras N, Maragkakis G, Bitchava D, Kostoulas P. **Occurrence and Associated Risk Factors of Porcine Reproductive and Respiratory Syndrome Virus and Porcine Circovirus Type 2 Infections in Greece**. Viral Immunol. 2022; 35(3):200-211.
6. **Papakonstantinou G**,Meletis E, Christodoulopoulos G, Tzika ED, Kostoulas P, Papatsiros VG. **Heterologous Challenge with PRRSV-1 MLV in Pregnant Vaccinated Gilts: Potential Risk on Health and Immunity of Piglets**. Animals. 2022;12:450.
7. Papatsiros VG, Argyris G, **Papakonstantinou G**, Meletis E, Tsekouras N, Kantas D, Kostoulas P. **Evaluation of an on-farm method to assess colostrum IgG content in hyperprolific sows**. Anim Repro Sci. 2022;239(3):106958.
8. Papatsiros VG, Katsogiannou EG, **Papakonstantinou G**, Michel, A., Petrotos, K., Athanasiou, LV. **Effects of Phenolic Phytogenic Feed Additives on Certain Oxidative Damage Biomarkers and the Performance of Primiparous Sows Exposed to Heat Stress under Field Conditions**. Antioxidants. 2022;11(3):593.
9. Athanasiou, LV, Katsogiannou EG, Tsokana C, Dedousi A, Boutsini S, **Papakonstantinou G**, Papatsiros VG. **Detection of Antibodies Against *Toxoplasma gondii* in Filter Paper-Dried Blood Dot Spots Compared with Serum in Pigs and Assessment of Variation Associated with Packed Cell Volume**. Foodborne Pathog Dis. 2022;19(6):394-399.
10. Maragkakis G, Athanasiou LV, Korou LM, Chaintoutis SC, Dovas C, Perrea DN, **Papakonstantinou G**, Christodoulopoulos G, Maes D, Papatsiros VG. **Angiotensin II Blood Serum Levels in Piglets, after Intra-Dermal or Intra-Muscular Vaccination against PRRSV**. Vet Sci. 2022;9:496
11. Maragkakis G, Athanasiou LV, Korou LM, Chaintoutis SC, Dovas C, Perrea DN, Maragkakis G, Athanasiou LV, Chaintoutis SC, Psalla D, Kostoulas P, Meletis E, **Papakonstantinou G**, Maes D, Christodoulopoulos G, Papatsiros VG. **Evaluation of Intradermal PRRSV MLV Vaccination of Suckling Piglets on Health and Performance Parameters under Field Conditions.** Animals*.* 2023; 13(1):61.
12. Papatsiros VG, **Papakonstantinou G**, Meletis E, Bitchava D, Kostoulas P. **Evaluation of PCV2 double vaccination in weaning piglets that reared for gilts under field conditions**. Vet Res Forum. 2023;14(1):13-19.
13. **Papakonstantinou GI,** Gougoulis DA, Voulgarakis N, Maragkakis G, Galamatis D, Athanasiou LV, Papatsiros VG. **Effects of Injectable Administration of Dexamethasone Alone or in Combination with Vitamin E/Se in Newborn Low Birth Weight Piglets.** Vet. Sci. 2023; 10(2):135.
14. Athanasiou LV, Tsokana CN, Doukas D, Kantere MC, Katsoulos PD, **Papakonstantinou G,** Katsogiannou EG, Dedousi A. **Hepatic coccidiosis in wild rabbits in Greece: parasite detection on liver imprints and the associated biochemical profile.** Vet Sci. 2023; 10:248.
15. Papatsiros VG, **Papakonstantinou G**, Stylianaki I, Tsokana K, Papaioannou N, Christophorou M, Athanasiou LV. **Histopathological lesions of *Actinobacillus pleuropneumoniae* serotype 8 in infected pigs.** Accepted Manuscript in Vet Res Forum (VRF-2207-3539).
16. VoulgarakisΝ, GougoulisD, PsallaD, **PapakonstantinouG,** Angelidou-Tsifida M, PapatsirosV, Athanasiou LV, Christodoulopoulos G. **Ruminal Acidosis *Part I:* Clinical manifestations, epidemiology, and impact of the disease**. J Hellenic Vet Med. Soc. 2023. Accepted to Publish. DOI: 10.12681/jhvms.31237.
17. **Papakonstantinou G**, Meletis E, Petrotos K, Kostoulas P, Tsekouras N, Kantere M, Voulgarakis N, Gougoulis D, Filippopoulos L, Christodoulopoulos G, Athanasiou LV, Papatsiros VG. Effects of a **Natural Polyphenolic Product from Olive Mill Wastewater an Oxidative Stress and Post-Weaning Diarrhea in Piglets.** Agriculture. 2023; 13: 1356.
18. **Papakonstantinou G**, Psalla D, Pourlis A, Stylianaki I, Athanasiou LV, Tzika E, Meletis E, Kostoulas P, Maragkakis G, Christodoulopoulos G, Papaioannou N, Papatsiros VG. **Histopathological Pulmonary Lesions in 1st- Day Newborn Piglets Derived from PRRSV-1 MLV Vaccinated Sows at the Last Stage of Gestation.** Life. 2023; 13: 1609.
19. Pourlis A, **Papakonstantinou G**, Doukas D, Papatsiros VG. **Overview of Swine Congenital MalformationsAssociated with Abnormal Twinning.** Vet. Sci. 2023; 10: 534.
20. **Papakonstantinou G**, Arsenakis I, Pourlis A, Papatsiros VG. **Animal healthand productivity of Greek organic pig farms: Current situation and prospects for sustainability.** Animals. 2023; 13: 2834. <https://www.mdpi.com/2076-2615/13/18/2834>.
21. Papatsiros VG, Eliopoulos C, Voulgarakis N, Arapoglou D, Riahi I, SadurniM, **Papakonstantinou G**. **Effects of a Multi-Component Mycotoxin-Detoxifying Agent on Oxidative Stress, Health and Performance of Sows.** Toxins. 2023; 15: 580. <https://www.mdpi.com/2072-6651/15/9/580>.
22. Papatsiros VG, **Papakonstantinou G**, Meletis E, Koutoulis K, Athanasakopoulou Z, Maragkakis G, Labronikou G, Terzidis I, Kostoulas P, Billinis C. **Seroprevalence of swine influenza A viruses (swIAV) in commercial farrow-to-finish pig farms in Greece.** V eterinary Sciences. 2023; 10: 599. https://www.mdpi.com/2306- 7381/10/10/599
23. Voulgarakis N, Gougoulis D, Psalla D, **Papakonstantinou G**, Katsoulos P, Katsoulis K, Angelidou M, Athanasiou LVA, Papatsiros VG, Christodoulopoulos G. **Can computerized rumen mucosal colorimetry serve as an effective field test for managing subacute ruminal acidosis in feedlot cattle?** Accepted for publication in “Veterinary Research Communication”.
24. Pourlis A, **Papakonstantinou G**, Papatsiros VG. **Abnormal twinning in goat: a review.** Journal of the Hellenic Veterinary Medical Society. 2024; 74(4): 6317-6328.
25. Jhelum H, Papatsiros VG, **Papakonstantinou G**, Krabben L, Kaufer B, Denner J. **Screening for Viruses in Indigenous Greek Black Pigs. Microorganisms.** 2024; 12: 315.
26. Papatsiros VG, **Papakonstantinou G**, Voulgarakis N, Eliopoulos C, Marouda C, Meletis E, Valasi I, Kostoulas P, Arapoglou D, Riahi I, Christodoulopoulos G, Psalla D. **Effects of a Curcumin/Silymarin/Yeast - Based Mycotoxin Detoxifier on Redox Status and Growth Performance of Weaned Piglets under Field Conditions.** Toxins. 2024; 16(4): 168.
27. Papatsiros VG, **Papakonstantinou G**, Katsogiannou E, Gougoulis D, Voulgarakis N, Petrotos K, Braimaki S, Galamatis D, El-Sayed A, Athanasiou LV. **Effects of a Phytogenic Feed Additive on Redox Status, Blood Haemotology, and Piglet Mortality in Primiparous Sows.** Stresses. 2024; 4: 293-307.
28. **Papakonstantinou G**, Voulgarakis N, Terzidou G, Fotos L, Giamouri E, Papatsiros VG. **Precision Livestock Farming Technology: Applications and Challenges of Animal Welfare and Climate Change.** Agriculture. 2024; 14: 620.
29. Maragkakis G, Katsogiannou E, **Papakonstantinou G**, Korou LM, Chaintoutis S, Konstantopoulos P, Perrea D, Christodoulopoulos G, Athanasiou LV, Papatsiros VG. **Exploring Serum Copeptin and Hematological Profile: A Comparative Analysis after Intradermal versus Intramuscular Porcine Reproductive and Respiratory Syndrome Virus Vaccination in Piglets.** Stresses. 2024; 4(2): 358-366.
30. Voulgarakis N, Gougoulis D, Psalla D, **Papakonstantinou G**, Katsoulis K, Angelidou-Tsifida M, Athanasiou LV, Papatsiros VG, Christodoulopoulos G. **Subacute Rumen Acidosis in Greek Dairy Sheep: Prevalence, Impact and Colorimetry Management.** Animals. 2024; 14(14): 2061.
31. Papatsiros VG, Maragkakis G, **Papakonstantinou G**. **Stress Biomarkers in Pigs: Current Insights and Clinical Application.** Veterinary Sciences. 2024; 11: 640.

**C. Full papers in proceedings of international conferences**

1. **Papakonstantinou G,** Meletis E, Christodoulopoulos G, Tzika E, Kostoulas P, Tassis P, Papatsiros V. **Assessment of side effects after heterologous challenge with pregnant gilts at the last stage of gestation.** Proceedings of the 13th European Symposium of Porcine Health Management, May 11-13, 2022, Budapest, Hungary, p.303 (Poster presentation)
2. **Papakonstantinou G,** Psalla D, StylianakiΙ, AthanasiouLV, GougoulisD, TzikaE, PapaioannouN, ChristodoulopoulosG, PapatsirosV. **Εffects of Porcine Respiratory and Reproductive Syndrome Virus (PRRSV) vaccination of pregnant gilts in the respiratory system of newborn piglets**. Panhellenic Veterinary Congress, 4-6 November 2022, Αthens, Greece (Oral presentation)
3. Papatsiros VG, Katsogiannou EG, **Papakonstantinou G**, Michel, A., Petrotos, K., Athanasiou, LV. **Effects of Phenolic Phytogenic Feed Additives on Certain Oxidative Damage Biomarkers and the Performance of Primiparous Sows Exposed to Heat Stress under Field Conditions**. Proceedings of the 14th European Symposium of Porcine Health Management, May 31- June 1, 2023, Thessaloniki, Greece.
4. Sadurni M, Riahi I, Eliopoulos C, V oulgarakis N, Arapoglou D, **Papakonstantinou G**, Papatsiros VG. **Effects of a Multi-Component Mycotoxin Detoxifier on the Antioxidant Status and the Performance of Sows.** Proceedings of the 14th World Mycotoxin Forum, October 9-11, 2023, Antwerp, Belgium. (Poster presentation).
5. Riahi I, Della Badia A, Codina R, Eliopoulos C, Voulgarakis N, **Papakonstantinou G**, Papatsiros VG. **In vivo effects of an anti-mycotoxin product in weaned pigs challenged by fumonisins: Insights into the animal performance and antioxidant status.** Proceedings of the 14th World Mycotoxin Forum, October 9-11, 2023, Antwerp, Belgium. (Poster presentation)
6. Papatsiros VG, Papakonstantinou G, Katsogiannou E, Voulgarakis N, Petrotos K, Braimaki S, Galamatis D, Gougoulis D. Impact of Polyphenolic Phytogenic Feed Additive on Redux Status, Hematological Parameters of Primiparous Sows, and Piglet Mortality. Proccedings of the ISACP2024/ Animal Clinical Pathology Congress, May 14th - May 18th, 2024, Heraklion, Crete, Greece.

**E. Proceedings of international conferences in scientific journals with impact factor**

1. **Papakonstantinou G**, Psalla D, Pourlis A, Stylianaki I, Nikas Y, Meletis E, Papaioannou N, Papatsiros V. **Lung histopathology and scanning electron microscopy in newborn piglets from sows vaccinated with MLV PRRSV vaccine in the final stage of gestation**. Proceedings of the Annual ESVP/ECVP Congress, September 07th-September 10th, 2022, Athens, Greece. <https://www.sciencedirect.com/science/article/abs/pii/S002199752300018X>
2. Papatsiros V, Tsokana K, Stylianaki I, Christophorou M, **Papakonstantinou** , Papaioannou N, Athanasiou L.V. **First case report of *Actinobacillus pleuropneumoniae* serotype 8 isolated from field cases in Cyprus.** Proceedings of the Annual ESVP/ECVP Congress, September 07th-September 10th, 2022, Athens, Greece. https://www.sciencedirect.com/science/article/abs/pii/S002199752300018X