

ΠΡΟΣΩΠΙΚΑ ΣΤΟΙΧΕΙΑ

Full Name: Γκουγκουλής Δημήτριος
Father's name: Αστέριος
Nationality: Ελληνικές
Date of Birth: 15 Ιουνίου 1978
Place of Birth: Λάρισα
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II. Education, Academic Degrees Professional Titles

Education

Sept. 1998 - Mar. 2004 University education:
Department of Veterinary Medicine, Aristotle University of Thessaloniki, Thessaloniki.

June. 2004 - Nov. 2007 Postgraduate education:
University of Thessaly, Karditsa.

&
Sept. 2014 – Nov. 2015 Sept. 2014 – Nov. 2015: Postgraduate student at the Department of Medicine, University of Thessaly. Subject of study: "Methodology of Biomedical Research, Biostatistics and Clinical Bioinformatics". Presentation of a master's thesis (publication 1.1.) in September 2015.

June 2004 - Nov. 2007: PhD candidate in Department of Veterinary Medicine
University of Thessaly. Supervisor: Professor G.C Fthenakis. Presentation of the doctoral thesis (publication 1.2.) in November 2007.

Qualifications

- Degree in Veterinary Medicine (March 18, 2004), grade: Good (6.2 / 10).
- Postgraduate Diploma in Biomedical Research Methodology, Biostatistics and Clinical Bioinformatics (November 2, 2015), grade: Excellent (8.5 / 10).
- Doctor of Philosophy (November 22, 2007), grade: Excellent.

Professional titles

- License Of Veterinary Practitioner from the Geotechnical Chamber of Greece.

Short-term training during postgraduate education

Oct. 2004 Participation in the postgraduate course: "Animal Welfare and Behavior" at the University of Edinburgh, School of Veterinary Medicine.

Short-term training courses after postgraduate education

Oct. 2014 Participation in training seminar for teaching of animal welfare in higher education, organized by Animal Welfare Research in An Enlarged Europe (Athens).

Oct. 2012 Participation (duration: 1 day) in the postgraduate seminar on 'Parasitic Diseases of Small Ruminants', organized by Hellenic Veterinary Society (Xanthi).

Oct. 2017 Participation (duration: 1 day) in seminar on "Techniques for diagnosing parasites in the veterinary clinic" at the Pasteur Institute of Athens (Athens)

Foreign Languages
English, German.

III. CAREER DEVELOPMENT

September 2006 - February 2008, February 2009 - July 2009, February 2011 - July 2011, February 2012 - July 2012 & March 2013 - July 2013

- Academic Fellow Lecturer at Technological Educational Institute of Thessaly Subject of lectures: teaching courses to undergraduate students.

February 2009 – May 2021

- Veterinary Practitioner as a Freelancer in Larissa.
Subject of employment: management of productive animal husbandry - veterinary services in pets and productive animals.

September 2010 - February 2011, March 2012 - July 2012, December 2014-

March 2015, November 2015 - June 2016, April - June 2017, February – July 2018, March 2019 - July 2019, October 2019 – May 2021

- Academic Fellow Lecturer 407/80 or University Scholar. Department of Veterinary Medicine, Univ. Thessaly.
Subject of employment: Clinical practice of undergraduate students in the academic units: Laboratory of Animal Husbandry and Nutrition, Clinical Reproduction and Obstetrics, Pathology Clinic

May 2021 until today

- Assistant Professor of Production Animals Health Management.
Department of Veterinary Medicine. University of Thessaly.

IV. TEACHING EXPERIENCE

Department of Veterinary Medicine. University of Thessaly

- Sept. 2005 - June. 2007
Auxiliary participation in academic practice of undergraduate students of 7th, 8th, 9th and 10th semester of the Department of Veterinary Medicine of the University of Thessaly, in sheep, goat and cow farms.
- Oct. 2010 – May 2021
Theoretical lectures and laboratory / clinical exercises), in the fields of "Animal Nutrition and Animal Husbandry", "Pathology of Productive Animals " and "Obstetrics - Animal Reproduction" to undergraduate students - total period: 32 months (21 months as a teacher based on 407/80 and 11 months as a university scholarship fellow)

Technological Educational Institute of Thessaly

- Sept. 2006 - July. 2013
Teaching (theoretical lectures and laboratory exercises) of various courses (6 in total) to students of Agricultural Technology Institution

Instructor in continuing education seminar

- Postgraduate seminar on "Mammary diseases in sheep" (Karditsa, 29-30 Mar 2019 - organized by European College of Small Ruminant Health Management)
Presentation, after invitation, titled "Significance of mastitis for sheep welfare in the seminar " (Proceedings were not issued). The seminar was attended by a total of 15 veterinarians from all over Europe.

V. PARTICIPATION IN RESEARCH PROJECTS

Collaborator in the research project

TITLE	Study of the efficacy of difloxacin in the treatment of genital infections in small ruminants
Duration	2003 until 2006
Financing	Fort-Dodge Animal Health International
Operator	University of Thessaly Research Committee
TITLE	Interactions of Lamb Sucking Behavior and Sheep Mammary Gland Immune Response
Duration	2004 until 2006
Financing	Ministry of National Education and Religions ("Pythagoras" program)
Operator	Επιτροπή Ερευνών Πανεπιστημίου Θεσσαλίας
TITLE	Department of Veterinary Medicine (Study of the pathogenesis of mastitis in bitches)
Duration	2005 until 2006
Financing	University of Thessaly
Operator	University of Thessaly Research Committee
TITLE	Development and evaluation of veterinary reproductive drugs
Duration	2005 until 2015
Financing	CEVA Hellas
Operator	University of Thessaly Research Committee
TITLE	Study of the pathogenesis of animal metritis
Duration	2005 until 2009
Financing	Lapapharm.
Operator	University of Thessaly Research Committee
TITLE	Evaluation of the efficacy and safety of moxidectin 2% LA in sheep
Duration	2006 until 2007
Financing	Fort-Dodge Animal Health
Operator	Lapapharm
TITLE	Development and evaluation of veterinary medicines
Duration	2006 until 2015
Financing	Veterin A.E. / Alapis A.E. / Provet A.E.
Operator	University of Thessaly Research Committee
TITLE	Animal welfare in an enlarged Europe
Duration	2011 until 2014
Financing	European Commission - 7th FP - Project 265686
Operator	University of Thessaly Research Committee
TITLE	Clinical studies with artificial tendons in Sheep
Duration	2013 until 2016
Financing	National University of Ireland - Galway
Operator	University of Thessaly Research Committee
TITLE	Experimental and clinical studies for evaluation of the effectiveness of Vimco vaccine in the prevention of mastitis in ewes
Duration	2014 until 2017
Financing	Hipra Salud Animal
Operator	University of Thessaly Research Committee

TITLE	Field study of prevalence of subclinical mastitis in sheep in Greece
Duration	2015 until 2017
Financing	Hipra Salud Animal
Operator	University of Thessaly Research Committee

VI. PARTICIPATION IN SCIENTIFIC MEETINGS

Participation in scientific meetings and presentation after invitation

Scientific conference on: "Total quality livestock".

Organization: Department of Animal Production, TI of Epirus, Arta, June 2. 2006.

Invitation and presentation entitled "M. haemolytica is transmitted from lambs to ewes during lactation".

13th Panhellenic Veterinary Conference.

Organization: Hellenic Veterinary Society, Athens, 8-10 May. 2015.

Invitation and presentation of publications no. 3.53, 3.54 and 3.56. Publications no. 3.55. and 3.57. from partners.

Seminar event on: "Biodiversity of endemic prey, safety instructions, parasitology and cynophilia".

Organization: Elassona Hunting Association, Elassona, 1 Dec. 2016.

Invitation and presentation entitled: "Dog readiness for hunting"

Event on: "Welfare of house and stray animals"

Organization: Municipality of Tyrnavos and Animal Welfare Association, Tyrnavos, 9 Jan. 2017.

Invitation and presentation entitled "Welfare Assessment Indicators in Dominant and Stray Animals".

Business Skills for Veterinary Students and Graduates "

Organization: IVSA Thessaly, Karditsa, 6-7 Apr. 2019.

Invitation and presentation entitled: *Hiring Veterinarians: The Employer's Perspective*"

Participation in the organization of scientific meetings

6th World Sheep Veterinary Congress. Organization: Hellenic Veterinary Society, Hersonissos, 17-21 June 2005. Participation in the organization of the conference and in pre-conference tour.

VII. PUBLICATIONS

Papers in scientific journals

ΓΚΟΥΤΚΟΥΛΗΣ ΔΑ, ΚΥΡΙΑΖΑΚΗΣ Η, ΦΘΕΝΑΚΗΣ ΓΧ (2007). Πρότυπα μητρικής συμπεριφοράς προβατίνων και συμπεριφοράς θηλασμού αμνών. Περιοδικό της ελληνικής κτηνιατρικής Εταιρείας, 58:44-60.

FRAGKOU IA, MAVROGIANNI VS, CRIPPS PJ, GOUGOULIS DA, FTHENAKIS GC (2007). The bacterial flora in the teat duct of ewes can protect against and can cause mastitis. Veterinary Research, 38:525-545.

GOUGOULIS DA, KYRIAZAKIS I, MAVROGIANNI VS, FRAGKOU IA, SKOUFOS J, TZORA A, TAITZOGLU IA, FTHENAKIS GC (2007) Patterns of maternal - offspring behaviour of dairy sheep and potential association with mammary health. Canadian Journal of Animal Science, 87:469-478.

MAVROGIANNI VS, AMIRIDIS GS, GOUGOULIS DA, FRAGKOU IA, FTHENAKIS GC (2007). Efficacy of difloxacin for the control of post-partum uterine infections of ewes. Journal of veterinary Pharmacology and Therapeutics, 30:583-585. SKOUFOS J, CHRISTODOULOPOULOS G, FRAGKOU IA, TZORA A, GOUGOULIS DA, ORFANOU DC, TSIOLAKI K, FTHENAKIS GC (2007). Efficacy of marbofloxacin against respiratory infections of lambs. Small Ruminant Research, 71:304-309.

VERVERIDIS HN, MAVROGIANNI VS, FRAGKOU IA, ORFANOU DC, GOUGOULIS DA, TZIVARA A, GOULETSOU PG, ATHANASIOU L, BOSCOS CM, FTHENAKIS GC (2007). Experimental staphylococcal mastitis in bitches: clinical, bacteriological, cytological, haematological and pathological features. Veterinary Microbiology, 124:95-106.. GOUGOULIS DA, KYRIAZAKIS I, PAPAIOANNOU N, PAPADOPOULOS E, TAITZOGLU IA, FTHENAKIS GC (2008). Effects of subclinical mastitis on patterns of maternal - offspring behaviour of dairy sheep. The veterinary Journal, 176:378-386.

GOUGOULIS DA, KYRIAZAKIS I, TZORA A, TAITZOGLU IA, SKOUFOS J, FTHENAKIS GC (2008). Effects of lamb sucking on the bacterial flora of teat duct and mammary gland of ewes. Reproduction in domestic Animals, 43:22-26.

- PAPADOPOULOS E, FRAGKOU IA, MAVROGIANNI VS, GOUGOULIS DA, ORFANOU DC, GALLIDIS E, PTOCHOS S, TAITZOGLU IA, PARKER L, FTHENAKIS GC (2009). Persistent efficacy of long-acting moxidectin for control of trichostrongylid infections of sheep. *Small Ruminant Research*, 81:171-173.
- GOUGOULIS DA, KYRIAZAKIS I, FTHENAKIS GC (2010). Diagnostic significance of behavioural changes in sheep health management: a selected review. *Small Ruminant Research*, 92:52-56.
- FRAGKOU IA, GOUGOULIS DA, BILLINIS C, MAVROGIANNI VS, BUSHNELL MJ, CRIPPS PJ, TZORA A, FTHENAKIS GC (2011). Transmission of *Mannheimia haemolytica* from the tonsils of lambs to the teat of ewes during sucking. *Veterinary Microbiology*, 148:66-74.
- MAVROGIANNI VS, PAPADOPOULOS E, FRAGKOU IA, GOUGOULIS DA, VALASI E, ORFANOU DC, PTOCHOS S, GALLIDIS E, FTHENAKIS GC (2011). Administration of a long-acting antiparasitic to pre-pubertal ewe-lambs in Greece results in earlier reproductive activity and improved reproductive performance. *Veterinary Parasitology*, 177:139-144.
- PETRIDIS IG, MAVROGIANNI VS, GOUGOULIS DA, AMIRIDIS GS, BROZOS C, FTHENAKIS GC (2012). Effects of drying-off procedure of ewes' udder, with intramammary antibiotic administration, in subsequent mammary infection and development of mastitis. *Journal of the hellenic veterinary medical Society*, 63:273-282
- PETRIDIS IG, MAVROGIANNI VS, FRAGKOU IA, GOUGOULIS DA, TZORA A, FOTOU K, AMIRIDIS GS, BROZOS C, FTHENAKIS GC (2013). Effects of drying-off procedure of ewes' udder in subsequent mammary infection and development of mastitis. *Small Ruminant Research*, 110:128-132.
- MAVROGIANNI VS, PAPADOPOULOS E, SPANOS SA, MITSOURA A, PTOCHOS S, GOUGOULIS DA, BARBAGIANNI MS, KYRIAZAKIS I, FTHENAKIS GC (2014). Trematode infections in pregnant ewes can predispose to mastitis during the subsequent lactation period. *Research in veterinary Science*, 96:171-179.
- MAVROGIANNI VS, PAPADOPOULOS E, GOUGOULIS DA, GALLIDIS E, PTOCHOS S, FRAGKOU IA, ORFANOU DC, FTHENAKIS GC (2017) Gastrointestinal trichostrongylosis can predispose ewes to clinical mastitis after experimental infection *Veterinary Parasitology*, 245:71-77.
- MANTZIARAS G, VASILEIOU NGC, IOANNIDI KS, MAVROGIANNI VS, GOUGOULIS DA, FTHENAKIS GC, PETRIDIS IG, BARBAGIANNI MS (2018) Use of contrast-enhanced ultrasonographic examination to evaluate health status of mammary glands of ewes at the end of a lactation period. *Journal of Dairy Research*, 85:39-43.
- VASILEIOU NGC, CHATZOPOULOS DC, GOUGOULIS DA, SARROU S, KATSAFADOU AI, SPYROU V, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2018) Slime-producing staphylococci as causal agents of subclinical mastitis in sheep. *Veterinary Microbiology*, 224:93-99.
- VASILEIOU NGC, CRIPPS PJ, IOANNIDI KS, CHATZOPOULOS DC, GOUGOULIS DA, SARROU S, ORFANOU DC, POLITIS A, CALVO GONZALEZ-VALERIO T, ARGYROS S, MAVROGIANNI NS, PETINAKI E, FTHENAKIS GC (2018) Extensive countrywide field investigation of subclinical mastitis in sheep in Greece. *Journal of Dairy Science*, 101:7297-7310.
- VASILEIOU NGC, GOUGOULIS DA, RIGGIO V, IOANNIDI KS, CHATZOPOULOS DC, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2018) Association of subclinical mastitis prevalence with sheep breeds in Greece. *Journal of Dairy Research*, 85:317-320.
- GIANNAKOPOULOS A, VASILEIOU NGC, GOUGOULIS DA, CRIPPS PJ, IOANNIDI KS, CHATZOPOULOS DC, BILLINIS C, MAVROGIANNI NS, PETINAKI E, FTHENAKIS GC (2019) Use of Geographical Information System and Ecological Niche Modelling for predicting potential space distribution of subclinical mastitis in ewes. *Veterinary Microbiology*, 228:119-128.
- VASILEIOU NGC, CHATZOPOULOS DC, CRIPPS PJ, IOANNIDI KS, GOUGOULIS DA, CHOUZOURIS TM, LIANOU DT, CALVO GONZALEZ-VALERIO T, GUIX VALLVERDU R, ARGYROS S, CESIO M, FONT I, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2019). Evaluation of efficacy of a biofilm-embedded bacteria-based vaccine against staphylococcal mastitis in sheep - a randomized, placebo-controlled field study. *Journal of Dairy Science*, 102:9328-9344.
- VASILEIOU NGC, GIANNAKOPOULOS A, CRIPPS PJ, IOANNIDI KS, CHATZOPOULOS DC, GOUGOULIS DA, BILLINIS C, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2019). Study of potential environmental factors predisposing ewes to subclinical mastitis in Greece. *Comparative Immunology, Microbiology and Infectious Diseases*, 62:40-45.
- VASILEIOU NGC, GOUGOULIS DA, KATSAFADOU AI, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2019) Anti-staphylococcal biofilm antibodies in ewes and association with subclinical mastitis. *Small Ruminant Research*, 178:117-122.
- CHATZOPOULOS DC, LIANOU DT, MICHAEL CK, GOUGOULIS DA, MAVROGIANNI VS, VASILEIOU NGC, KATSAFADOU AI, POLITIS AP, KORDALIS NG, KATSAROU EI, IOANNIDI KS, PETINAKI E, FTHENAKIS GC (2020) *Streptococcus* spp. from bulk-tank milk and milking machine teatcups on small ruminant farms, and factors potentially associated with their isolation. *Journal of Dairy Research*, 87:277-281.
- LIANOU DT, CHATZIPRODROMIDOU IP, VASILEIOU NGC, MICHAEL CK, MAVROGIANNI VS, POLITIS AP, KORDALIS NG, BILLINIS C, GIANNAKOPOULOS A, PAPADOPOULOS E, GIANNENAS I, IOANNIDI KS, KATSAFADOU AI, GOUGOULIS DA, LACASTA D, CAROPRESE M, FTHENAKIS GC (2020) A detailed questionnaire for the evaluation of

health management in dairy sheep and goats. *Animals*, 10:148

LIANOU DT, MICHAEL CK, VASILEIOU NGCV, PETINAKI E, CRIPPS PJ, TSILIPOUNIDAKI K, KATSAFADOU AI, POLITIS AP, KORDALIS NG, IOANNIDI KS, GOUGOULIS DA, TRIKALINOU C, ORFANOU DC, FRAGKOU IA, ANGELIDOU E, KATSAROU EI, TZORA A, ALBENZIO M, MAVROGIANNI DC, CAROPRESE M, FTHENAKIS GC (2021) Extensive countrywide field investigation of somatic cell counts and total bacterial counts in bulk-tank raw milk in sheep flocks in Greece. *Foods*, 10:268.

LIANOU DT, MICHAEL CK, VASILEIOU NGCV, PETINAKI E, CRIPPS PJ, TSILIPOUNIDAKI K, KATSAFADOU AI, POLITIS AP, KORDALIS NG, IOANNIDI KS, GOUGOULIS DA, TRIKALINOU C, ORFANOU DC, FRAGKOU IA, LIAGKA DV, TZORA A, ALBENZIO M, MAVROGIANNI DC, CAROPRESE M, FTHENAKIS GC (2021) Extensive countrywide field investigation of somatic cell counts and total bacterial counts in bulk-tank raw milk in goat herds in Greece. *Journal of Dairy Research*, 88:307-313.

MICHAEL CK, LIANOU DT, VASILEIOU NGC, TSILIPOUNIDAKI K, KATSAFADOU AI, POLITIS AP, KORDALIS NG, IOANNIDI KS, GOUGOULIS DG, TRIKALINOU C, ORFANOU DC, FRAGKOU IA, KONTOU PI, LIAGKA, MAVROGIANNI VS, PETINAKI E, FTHENAKIS GC (2021) Association of staphylococcal populations on teatcups of milking parlours with vaccination against staphylococcal mastitis in sheep and goat farms. *Pathogens*, 10:385.

VIII. INVOLVEMENT IN SCIENTIFIC JOURNALS

Referee in scientific journals

Περιοδικό Της Ελληνικής Κτηνιατρικής Εταιρείας
Animals Journal

IX. CITATIONS

Total career citations 240

Index h 10

Index m 10 / (2020-2007) = 0,770