

PAGONA G. GOULETSOU

Assistant Professor

“Reproduction – Obstetrics and Surgery of Companion Animals”

Date of birth: 17 October 1972

Place of birth: Kozani, Greece

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EDUCATION

- PhD (in animal surgery), Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (10/11/14)
- PhD (in animal reproduction), Faculty of Veterinary Medicine, University of Thessaly, Greece (4/3/05)
- Postgraduate trainee, Clinic of Surgery and Clinic of Obstetrics, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (1/9/97-15/3/98)
- DVM, Faculty of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (6/3/97)
- Languages: Greek, English

PROFESSIONAL ACTIVITIES

- Assistant Professor in “Reproduction – Obstetrics of Companion Animals”, Faculty of Veterinary Medicine, University of Thessaly (31/3/2011-today)
- Lecturer in “Reproduction – Obstetrics of Companion Animals”, Faculty of Veterinary Medicine, University of Thessaly (17/4/2007–31/3/2011)
- Teaching staff, Faculty of Veterinary Medicine, University of Thessaly (20/7/2004-17/4/2007)
- Technical staff, Faculty of Veterinary Medicine, University of Thessaly (19/3/1998–20/7/2004)

Undergraduate teaching

Lectures [in the Faculty of Veterinary Medicine, University of Thessaly] (1998-today)

- Physiology of reproduction of companion animals (7th semester)
- Physiopathology of reproduction of companion animals (9th semester)
- General principles of male reproduction, and physiology and physiopathology of reproduction of male companion animals (9th semester)
- General principles of animal surgery: suture materials and suture techniques (7th semester)
- General principles and techniques of diagnostic imaging; diagnostic imaging of the urogenital system (8th semester)
- Surgery of the male genital system (10th semester)

Clinical teaching (1998-today)

- Obstetrics, reproduction and surgery of the female genital system of companion animals [in the Department of Obstetrics and Reproduction, Faculty of Veterinary Medicine, University of Thessaly] (7th-10th semesters)
- Surgery of the male genital system; diagnostic imaging [in the Department of Surgery, Faculty of Veterinary Medicine, University of Thessaly] (7th-10th semesters)

Postgraduate teaching

Clinical teaching

- Surgery of the male genital system and diagnostic imaging of companion animals [in Postgraduate clinical training program, Department of Surgery, Faculty of Veterinary Medicine, University of Thessaly] (March 2000-today)

Supervisor or member of the advisory or examination committees of PhD theses

- Supervisor of the PhD thesis of Miss Athina Venianaki; topic of the thesis: "Maturation of the canine testis from birth to adulthood – clinical, endocrinological, ultrasonographic, cytologic and histopathologic investigation" (December 2014 until now).
- Member of the advisory committee of the PhD thesis of Mrs M. Barbagianni; topic of the thesis: "Investigations into the post-partum infections of ewes with pregnancy toxemia" (2016).
- Member of the advisory committee of the PhD thesis of Mr Dimitrios Balomenos; topic of the thesis "Ultrasonographic investigation of the healing process in the canine skin following surgical incision and closure with various techniques" (2018).
- Member of the examination committee of the PhD thesis of Mrs Aikaterini Sideri "Gastrooesophageal reflux during anaesthesia in the cat: the effect of anaesthetic agents, preoperative fasting, surgical procedure, positioning, age and sex of the animal." (2007)

PUBLICATIONS

Research articles

A.1. Ultrasonographic appearance of clinically healthy testicles and epididymides of rams. P.G. Gouletsou, G.S. Amiridis, P.J. Cripps, T. Lainas, K. Deligiannis, P. Saratsis, G.C. Fthenakis. *Theriogenology* 2003, 59: 1959-1972. **[IF 1,798, 5-year IF 2,154]**

A.2. Experimentally induced teat stenosis in dairy ewes: clinical, pathological and ultrasonographic features. V.S. Mavrogianni, G.C. Fthenakis, A.R. Burriel, P.G. Gouletsou, N. Papaioannou, I.A. Taitzoglou. *Journal of Comparative Pathology* 2004, 130: 70-74. **[IF 1,142, 5-year IF 1,333]**

A.3. Experimentally induced orchitis associated with *Arcanobacterium pyogenes*: clinical, ultrasonographic, seminological and pathological features. P.G. Gouletsou, G.C. Fthenakis, P.J. Cripps, N. Papaioannou, T. Lainas, D. Psalla, G.S. Amiridis. *Theriogenology*, 2004 62: 1307-1328. **[IF 1,798, 5-year IF 2,154]**

A.4. The role of *Arcanobacterium pyogenes* in ram orchitis and reproductive performance. PhD thesis, PG Gouletsou, 2005

A.5. Periodic administration of allopurinol is not effective for the prevention of canine leishmaniosis (*Leishmania infantum*) in the endemic areas. M.N. Saridomichelakis, M.E. Mylonakis, L.S. Leontides, C. Billinis, A.F. Koutinas, A.D. Galatos, P. Gouletsou, A. Diakou, V.I. Kontos. *Veterinary Parasitology*, 2005, 130: 199-205. **[IF 2,460, 5-year IF 2,635]**

A.6. Experimental staphylococcal mastitis in bitches: Clinical, bacteriological, cytological, haematological and pathological features. H.N. Ververidis, V.S. Mavrogianni, I.A. Fragkou, D.C. Orphanou, D.A. Gougoulis, A. Tzivara, P.G. Gouletsou, L. Athanasiou, C. Boscós, G.C. Fthenakis. *Veterinary Microbiology*, 2007, 124: 95-106 **[IF 2,511, 5-year IF 2,870]**

A.7. Clinical, ultrasonographic and pathological features following unilateral vasectomy in rams. P.G. Gouletsou, A.D. Galatos, G.C. Fthenakis. *Animal Reproduction Science*, 2008, 103: 52-68. **[IF 1,581, 5-year IF 1,854]**

A.8. Comparison between ultrasonographic and caliper measurements of testicular volume in the dog. PG. Gouletsou, AD. Galatos, LS. Leontides. *Animal Reproduction Science*, 2008, 108: 1-12. [IF 1,581, 5-year IF 1,854]

A.9. Gastro-oesophageal reflux during anaesthesia in the kitten: comparison between use of a laryngeal mask airway or an endotracheal tube. A.I. Sideri, A.D. Galatos, G.M. Kazakos, P.G. Gouletsou. *Veterinary Anaesthesia and Analgesia* 2009, 36: 547-554. [IF 1,720, 5-year IF 1,730]

A.10. Impact of fine or large needle aspiration on the dog's testis: in vitro ultrasonographic, bacteriological, gross anatomy and histological assessment. P.G. Gouletsou, A.D. Galatos, L.S. Leontides, A.I. Sideri. *Theriogenology* 2010, 74: 1604-1614, [IF 1,798, 5-year IF 2,154]

A.11. Impact of fine or large needle aspiration on the canine testes: clinical, in vivo ultrasonographic and seminological assessment. P.G. Gouletsou, A.D. Galatos, L.S. Leontides, A.I. Sideri. *Reproduction in Domestic Animals* 2011, 46: 712-719 [IF 1,515, 5-year IF 1,512]

A.12. Impact of fine needle aspiration (FNA) and of the number of punctures on the feline testis: clinical, gross anatomy and histological assessment. P.G. Gouletsou, A.D. Galatos, AI. Sideri, P. Kostoulas. *Theriogenology*, 2012, 78: 172-181 [IF 1,798, 5-year IF 2,154]

A. 13. High-frequency ultrasound biomicroscopy of the normal canine haired skin. Mantis P, Tontis D, Church D, Lloyd D, Stevens K, Balomenos D, Gouletsou PG, Gianoulopoulos G, Doukas D, Galatos AD, Saridomichelakis M. *Veterinary Dermatology* 2014, 25: 176-181 [IF 1,732, 5-year IF 1,820]

A.14. Ultrasonographic findings in the ovine udder during involution. Petridis IG, Gouletsou PG, Barbagianni MS, Amiridis GS, Brozos C, Valasi I, Fthenakis GC. *J Dairy Research* 2014, 81: 288-296 [IF 1,598, 5-year IF 1,590]

A.15. Continuous intradermal suture pattern in the dog; comparison with the simple interrupted suture pattern and evaluation of the effect of suture material and size. PhD thesis, PG Gouletsou, 2014

A.16. Ultrasonographic findings in the ovine udder during lactogenesis in healthy ewes or ewes with pregnancy toxoemia. M.S. Barbagianni, P.G. Gouletsou, I. Valasi, I.G. Petridis, I. Giannenas, G.C. Fthenakis. *Journal of Dairy Research* 2015, 82:293-303. [IF 1,598, 5-year IF 1,590]

A.17. Pregnancy toxoemia as a predisposing factor for development of mastitis in sheep during the immediately post-partum period. M.S. Barbagianni, V.S. Mavrogianni, A.I. Katsafadou, S.A. Spanos, V. Tsioli, A.D. Galatos, M. Nakou, I. Valasi, P.G. Gouletsou, G.C. Fthenakis. *Small Ruminant Research* 2015, 130:246-251. [IF 1,125, 5-year IF 1,252]

A.18. Increased incidence of peri-parturient problems in ewes with pregnancy toxoemia. M.S. Barbagianni, S.A. Spanos, K.S. Ioannidi, N.G.C. Vasileiou, A.I. Katsafadou, 161 I. Valasi, P.G. Gouletsou, G.C. Fthenakis. *Small Ruminant Research* 2015, 132:111-114. [IF 1,125, 5-year IF 1,252]

A.19. Pregnancy toxoemia in ewes: development of an experimental model and potential interactions with gastrointestinal nematode infections. M.S. Barbagianni, E. Giannenas, E. Papadopoulou, I.G. Petridis, S.A. Spanos, P.G. Gouletsou, I. Valasi, G.C. Fthenakis. *Small Ruminant Research* 2015, 133:102-107 [IF 1,125, 5-year IF 1,252]

A.20 Effects of two occlusive, hydrocolloid dressings on healing of full-thickness skin wounds in cats. V. Tsioli, P. G. Gouletsou, A. D. Galatos, D. Psalla, A. Lymperis, L. G. Papazoglou, M. Karayannopoulou. [Vet Comp Orthop Traumatol](#). 2016, 19;29(4):298-305. [IF 0,872]

A.21. The effect of a hydrocolloid dressing on second intention wound healing in cats. V. Tsioli, P.G Gouletsou, A.D. Galatos, D. Psalla, A. Lymperis, A.I. Sideri, L. Papazoglou. *J Am Anim Hosp Assoc*. 54(3):125-131, 2018. [IF 0,602]

A.22. Somatic evolution and global expansion of an ancient transmissible cancer lineage. Adrian Baez-Ortega et al. *Science* 365, eaau9923 (2019). DOI: 10.1126/science.aau9923 [IF 41,063]

A.23. Recurrent horizontal transfer identifies mitochondrial positive selection in a transmissible cancer. Strakova, A., Nicholls, T.J., Baez-Ortega, A. et al.. *Nat Commun* 11, 3059 (2020). <https://doi.org/10.1038/s41467-020-16765-w> [IF 12,121]

A.24. Comparison of continuous intradermal with simple interrupted suture pattern: an experimental study in dogs. PG. Gouletsou, NN. Prassinis, LG. Papazoglou, P Kostoulas, AD. Galatos, *Topics in Companion Animal Medicine*, Volume 41, 2020,100454, ISSN 1938-9736, <https://doi.org/10.1016/j.tcam.2020.100454> [IF 0,983]

Clinical research and case report articles

B.1. (25) Congenital anorectal abnormalities in six dogs. N.N. Prassinis, L.G. Papazoglou, K.K. Adamama-Moraitou, A.D. Galatos, P. Gouletsou, T.S. Rallis. *Veterinary Record* 2003, 153: 81-85. [IF 1,493, 5-year IF 1,466]

B.2. (26) Isolation of *Arcanobacterium pyogenes* from the scrotal skin and the prepuce of healthy rams or rams with testicular abnormalities. P.G. Gouletsou, G.C. Fthenakis, A. Tzora, P.J. Cripps, P. Saratsis. *Small Ruminant Research* 2006, 63: 177-182. [IF 1,125, 5-year IF 1,252]

B.3. (27) Symphyseal distraction-osteotomy using a novel spacer of spirally fashioned orthopaedic wire for the management of obstipation. N N. Prassinis, K.K. Adamama-Moraitou, P.G. Gouletsou, T.S. Rallis. *Journal of Feline Medicine and Surgery* 2007, 9: 23-28. [IF 1,156, 5-year IF 1,517]

B.4. (28) Vaginal fold prolapse during the last third of pregnancy, followed by normal parturition, in a bitch. P.G. Gouletsou, A.D. Galatos, K. Apostolidis, A.I. Sideri. *Animal Reproduction Science* 2009, 112: 371-376. [IF 1,581, 5-year IF 1,854]

B.5. (29) Uterine leiomyosarcoma and pyometra in a dog. V.G. Tsioli, P.G. Gouletsou, P. Loukopoulos, M. Zavlaris, A.D. Galatos. *Journal of Small Animal Practice* 2011, 52: 121-124 [IF 1,089, 5-year IF 1,212]

B.6. (30) Sensitivity of preputial and vaginal exfoliative cytological examination for diagnosis of canine leishmaniosis (*Leishmania infantum*). Athanasiou, LV, Chatzis, MK, Gouletsou, PG, Saridomichelakis, MN. *Journal of the Hellenic Veterinary Medical Society*, 2014, 65: 31-34 [IF 0,267]

Review articles

C.1. (31) Vasectomy in the ram. PG Gouletsou, T Lainas, G Fthenakis *Journal of the hellenic veterinary medical Society*, 52: 430-433, 2001 (In Greek, abstract in English)

- C.2. (32) Intraosseous infusion in dogs and cats.** PG Gouletsou, AD Galatos, G Fthenakis. Proceedings of the 6th Congress of Small Animal Medicine, Athens, pp. 509-514, 2002 (In Greek, abstract in English)
- C.3. (33) The importance of clinical examination and reproductive evaluation of rams.** PG Gouletsou, T Lainas, G Fthenakis Journal of the hellenic veterinary medical Society, 53: 257-264, 2002 (In Greek, abstract in English)
- C.4. (34) Nutritional support and health care of orphan puppies and kittens during the first weeks of life.** PG Gouletsou, G Fthenakis, AD Galatos. Bulletin of the Hellenic Veterinary Medical Society, 53: 345-351, 2002 (In Greek, abstract in English)
- C.5. (35) Ovine orchitis with special reference to orchitis associated with *Arcanobacterium pyogenes*.** PG Gouletsou, GC Fthenakis. Small Ruminant Research, 62: 71-74, 2006
- C.6. (36) Disorders of the canine testes.** PG Gouletsou, VG Tsioli. Proceedings of the 9th Congress of Small Animal Medicine, Athens, pp. 82-89, 2010.
- C.7. (37) Anaesthetic management of caesarean section and pregnancy in dogs and cats.** AD Galatos, PG Gouletsou. Proceedings of the 1st Forum of Small Animal Medicine held by the Hellenic Society of Companion Animal Practitioners, pp. 132-134, Athens, 2010 (in Greek)
- C.8. (38) Clinical evaluation of reproductive ability of rams.** PG Gouletsou, GC Fthenakis. Small Ruminant Research, 92: 45-51, 2010
- C.9. (39) Microbial diseases of the genital system of rams or bucks.** PG Gouletsou, GC Fthenakis. Veterinary Microbiology, **181:130-135, 2015** [IF 2,511, 5-year IF 2,870]
- C.10. (40) Ultrasonographic examination of the scrotal contents in rams .** Gouletsou, P. G. SMALL RUMINANT RESEARCH, 152, Special Issue, 100-106, 2017 [IF 1,21]

Book chapters

- 1. Hydrometra in goats.** In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 203-205, Tziola Publications, Thessaloniki, 2011 (in Greek)
- 2. Clinical evaluation of the genital system of rams and bucks.** In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 387-402, Tziola Publications, Thessaloniki, 2011 (in Greek)
- 3. Pathology of the genital system of rams and bucks.** In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 423-447, Tziola Publications, Thessaloniki, 2011 (in Greek)
- 4. Vasectomy in rams.** In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 453-458, Tziola Publications, Thessaloniki, 2011 (in Greek)

Teaching notes for students

- 1. Animal Surgery; Surgery of the Genital System of the Dog and Cat.** Notes for the students of the 10th semester. PG Gouletsou, AD Galatos, University of Thessaly Publications, 2005, pp 71.

Abstracts in proceedings

In total, 52 publications in books of proceedings of scientific meetings.

Impact factor of publications: 108.433

Citations of publications: 606

h-index: 15

i10-index: 23

PRIZES AND DISTINCTIONS

- Referee in scientific Journals:
 1. African Journal of Agricultural Research (AJAR)
 2. Animal Reproduction
 3. Animal Reproduction Science
 4. Canadian Veterinary Journal
 5. Human Reproduction
 6. Journal of Andrology.
 7. Journal of Feline Medicine and Surgery
 8. Journal of Human Reproductive Sciences
 9. Journal of Inflammation.
 10. Journal of Wildlife Diseases
 11. Physiology and Behavior
 12. Reproduction of Domestic Animals
 13. Reproductive Biology
 14. Revue de Médecine Vétérinaire
 15. Small Ruminant Research
 16. Theriogenology
 17. Veterinary Radiology & Ultrasound
 18. Journal of the Hellenic Veterinary Medical Society

- Co-editor in Books & multi-author volumes:
 1. FTHENAKIS GC, GOULETSOU PG, MAVROGIANNI VS, FRAGKOU IA (2010). "Sheep Diagnostic Medicine" Small Ruminant Research, 92(1-3), 130 pp.
 2. FTHENAKIS GC, GOULETSOU PG, MAVROGIANNI VS (2009). "Book of Abstracts, Current Issues in Ovine Therapeutics (Patras)" [in Greek], 109 pp.