

Education and Professional Positions

- 1997 – Degree in Veterinary Medicine, University of Messina and Board Certification to exercise the profession.
- 1997 – 2001 Anesthetist and Soft Tissue Surgeon Freelance
- 2002 – 2005 Contract Professor, University of Camerino
- 2006 – 2009 PhD student in Veterinary Medicine, University of Camerino
- 2009 PhD degree. The subject of her thesis was: “Effects and tolerability of intravenous administered tramadol in horses”.
- 2009 – 2011 Specialization in Animal Reproduction, University of Bari, discussing the thesis: "Use of tramadol as an analgesic supplement in pigs undergoing laparoscopic cryptorchidectomy".
- 2011 – 2013 Research Fellow at the Faculty of Veterinary Science, University of Camerino.
- 2014 – 2019 Assistant Professor at the School of Pharmacy of Camerino University and attending Veterinarian responsible for the welfare and health of experimental animals at the Stabulary of the School of Pharmacy, University of Camerino.
- 2015-2017 Executive Master in Small Animal Anesthesia (UNISVET, Unione Italiana Società Veterinarie) certified by ACVAA (American College of Veterinary Anesthesia and Analgesia)
- Since 2019 Assistant Professor at the Department of ChiBioFarAm of Messina University

Teaching Activities

Academic Year 2002/2003, 2003/2004, 2004/2005, 2014/2015, 20015/2016, 2016/2017, 2017/2018, 2018/2019, 2020/2021

Veterinary Dentistry in domestic animals

Academic Year 2014/2015, 20015/2016, 2016/2017, 2017/2018

Anesthesia and Analgesia in Animals Reproduction

Academic Year 2018/2019, 2019/2020

Anesthesia and Analgesia in Domestic Animals

PROFESSIONAL ENHANCEMENT, MASTERS AND POST-GRADUATE TEACHING

2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019: Teaching Level 2 Master –“Anesthesia techniques in Advanced Laparoscopic Surgery in Swine”, organized by the School of Medicine and

Pharmacy - Department of Biotechnic Sciences, Sapienza University, in collaboration with the Latina Unit of General Surgery and Urology, and the University of Camerino, School of Veterinary Medical Sciences

2013, 2014, 2015, 2016, 2017, 2018, 2019: Teaching Graduate Course in “Anesthesia techniques in Repairing Abdominal Hernias in Swine”

2010, 2011, 2013: Teaching Level 2 Master –“Diagnostics by Imaging in Canines and Felines: Oral radiology”, organized by University of Camerino, School of Veterinary Medical Sciences

PUBBLICATIONS

1. Scrollavezza P, Tambella AM, Vullo C, Palumbo Piccionello A: Evaluation of the muscular relaxant effect of dexmedetomidine or medetomidine in cats. *Veterinary Research Communication*, 2009; 33(1): 213-215. (IF 1.050, Q2).
2. Parillo F, Mancuso R, Vullo C, Catone G: Expression of prostate glycoconjugates in the stallion and castrated horse. *Reproduction in Domestic Animals*, 2010; 45(5): 821-831. (IF 1.606, Q1)
3. Bettschart-Wolfensberger R, Dicht S, Vullo C, Frotzler A, Kummerle JM, Ringer SK: A clinical study on the effect in horses during medetomidine-isoflurane anaesthesia, of butorphanol constant rate infusion on isoflurane requirements, on cardiopulmonary function and on recovery characteristics. *Veterinary Anaesthesia and Analgesia*, 2011; 38(3): 186-194. (IF 0.944, Q2)
4. Palumbo Piccionello A, Dini F, Tambella AM, Cerquetella M, Vullo C: Hypertrophic osteopathy associated with a bronchial foreign body (grass awn) in a dog: a case report. *Veterinari Medicina*, 2012; 57(11): 618–621. (IF 0.679, Q3)
5. Tambella AM, Palumbo Piccionello A, Dini F, Vullo C, Rossi G, Scrollavezza P: Myositis ossificans circumscripta of the triceps muscle in a Rottweiler dog. *Veterinary Comparative Orthopedic and Traumatology*, 2013; 26(2): 154-159. (IF 1.031, Q2)
6. Tambella AM, Vullo C, Dini F, Palumbo Piccionello A, Attili AR: Carbon dioxide laser-assisted staphylectomy in brachycephalic and non- brachycephalic dogs. *Turkish Journal of Veterinary and Animal Sciences*, 2013; 37(6): 734-742 (0.316, Q4).

7. Tambella AM, Attili AR, Dini F, Palumbo Piccionello A, Vullo C, Serri E, Scrollavezza P, Dupré G: Autologous platelet gel to treat chronic decubital ulcers: a randomized blind controlled clinical trial in dogs. *Veterinary Surgery*, 2014; 43(6):726-733 (IF 1.041, Q2)
8. Vullo C, Kim TW, Meligrana M, Marini C, Giorgi M: Pharmacokinetics of tramadol and its major metabolite after intramuscular administration in piglets. *Journal of Veterinary Pharmacology and Therapeutics*, 2014, 37, 603-606. (IF 1.189, Q2)
9. Gabai V, Venanzi FM, Bagashova E, Rud' O, Mariotti F, Vullo C, Catone G, Sherman MY, Concetti A, Chursov A, Latanova A, Shcherbinina V, Shifrin V, Shneider A: Pilot study of p62 DNA vaccine in dogs with mammary tumors. *Oncotarget*, 2014; 5(24): 12083-12810. (IF 6.359, Q1)
10. Giorgi M, Vullo C, De Vito V, Catone G, Faillace V, Laus F: Pharmacokinetic Evaluations of Sulpiride Following Intravenous, Intramuscular and Oral Single Dose Administration in Jennies (*Equus asinus*). *Journal of Equine Veterinary Science*, 2015; 35(1), 13-18. (IF 0.730, Q3)
11. Giorgi M, Laus F, De Vito V, Owen H, Poapolathep A, Paggi E, Vullo C: Flupirtine: preliminary pharmacokinetics in the donkey. *Journal of Equine Veterinary Science*, 2015; 35(4), 309-314. (IF 0.730, Q3)
12. Sabbieti MG, Agas D, Capitani M, Marchetti L, Concetti A, Vullo C, Catone G, Gabai V, Shifrin V, Sherman MY, Shneider A, Venanzi FM: Plasmid DNA-coding p62 as a bone effective anti-inflammatory/anabolic agent. *Oncotarget*, 2015; 6(6): 3590-3599. (IF 5.008, Q1)
13. Laus F, Spaterna A, Faillace V, Paggi E, Serri E, Vullo C, Cerquetella M, Tesei B: Reference values for hematological and biochemical parameters of mixed breed donkeys (*Equus asinus*). *Wulfenia*, 2015; 22: 294-304. (IF 2, Q2)
14. Aupanun S, Laus F, Poapolathep A, Owen H, Vullo C, Faillace V, Giorgi M: Pharmacokinetic Assessment of the Marker Active Metabolites 4-Methyl-amino-antipyrine and 4-Acetyl-amino-antipyrine After Intravenous and Intramuscular Injection of Metamizole (Dipyrone) in Healthy Donkeys. *Journal of Equine Veterinary Science*, 2016; 47(1): 55-61. (IF 0.882, Q2)
15. Agas D, Gusmão Silva G, Laus F, Marchegiani A, Capitani M, Vullo C, Catone G, Lacava G, Concetti A, Marchetti L, Sabbieti MG: INF- γ encoding plasmid administration triggers bone loss and disrupts bone marrow microenvironment. *Journal of Endocrinology*, 2017; 232(2):309-321. (IF 4.706, Q1)
16. Giorgi M, Aupanun S, Lee HK, Poapolathep A, Rychshanova R, Vullo C, Faillace V, Laus F: Pharmacokinetic profiles of the active metamizole metabolites in healthy horses. *Journal of*

- Veterinary Pharmacology and Therapeutics, 2017; 40(2):165-171. (IF 1.202, Q2)
17. Laus F, Faillace V, Tesei B, Paggi E, Serri E, Marini C, Marvasi L, Vullo C, Spaterna A: Effect of Thiamine Pyrophosphate (Bicarbossilasi®) Administration on the Exercising Horse Metabolism. Israel Journal of Veterinary Medicine, 2017, 72(2):15-21. (IF 0.205, Q4)
 18. Parillo F, Vullo C, Catone G, Miliano A, Gobbetti A, Zerani M: Immunolocalization of NOS isoform in the ductuli efferentes and epididymis of prepuberal and adult alpaca (*Lama pacos*). Folia Morphologica, 2017 (IF 0.341, Q4)
 19. Vullo C, Carluccio A, Robbe D, Meligrana M, Petrucci L, Catone G: Guaiphenesin-ketamine-xylazine infusion to maintain anesthesia in mules undergoing field castration. Acta Veterinaria Scandinavica, 2017, 59:67. (IF 1.472, Q2)
 20. Gian Enrico Magi, Francesca Mariotti, Sara Berardi, Andrea Piccinini, Cecilia Vullo, Angela Palumbo Piccionello, Giacomo Rossi: Loss of alpha-smooth muscle actin expression associated with chronic intestinal pseudo-obstruction in a young Miniature Bull Terrier. Acta Veterinaria Scandinavica, 2018, 60:25. (IF 1.472, Q2)
 21. Margherita Maranesi, Linda Petrucci, Leonardo Leonardi, Federica Piro, Pilar Garcia Rebollar, Pilar Millàn, Paolo Cocci, Cecilia Vullo, Francesco Parillo, Arlindo Moura, Gabriela Gonzalez Mariscal, Cristiano Boiti, Massimo Zerani: New insights on a NGF-mediated pathway to induce ovulation in rabbits (*Oryctolagus cuniculus*). Biology of Reproduction, 2018, 98(5), 634–643. (IF 3.184, Q1)
 22. Sara Albarella, Lisa De Lorenzi, Giuseppe Catone, Gian Enrico Magi, Linda Petrucci, Cecilia Vullo, Emanuele D'Anza, Pietro Parma, Terje Raudsepp, Francesca Ciotola, Vincenzo Peretti: Diagnosis of XX/XY Blood Cell Chimerism at a Low Percentage in Horses. Journal of Equine Veterinary Science, 2018, 69:129-135. (IF 0.88, Q3)
 23. Cecilia Vullo, Marina Meligrana, Adolfo Maria Tambella, Angela Palumbo Piccionello, Fabrizio Dini, Giuseppe Catone: Effects of intramuscular alfaxalone-midazolam combination in pigs. Acta Veterinaria Brno, 2019, 88(2):187-192. (IF 0.486, Q3)
 24. Franco M. Venanzi, Vladimir Gabai, Francesca Mariotti, Gian Enrico Magi, Cecilia Vullo, Albert A. Sufianov, Sergey I. Kolesnikov, Alexander Shneider: p62-DNA-encoding plasmid reverts tumor grade, changes tumor stroma, and enhances anticancer immunity. Aging, 2019, 11. (IF 5.515, Q1)
 25. Lucio Petrizzi, Giulia Guerri, Paola Straticò, Amedeo Cuomo, Cecilia Vullo, Ippolito De Amicis, Domenico Robbe, Vincenzo Varasano: Laparoscopic Ovariectomy in Standing Mule Mares.

- Journal of Equine Veterinary Science, 2020, 84:1-6. (IF 0.88, Q2)
26. Adolfo Maria Tambella, Luca Omini, Anna Rita Attili, Cecilia Vullo, Stefano Martin: Evaluation of cranial tibial translation in dogs: Diagnostic accuracy of radiographic method using a simple device . PLOS ONE, 2020 (IF 2.776, Q1).
 27. **Cecilia Vullo**, Sara Barbieri, Giuseppe Catone, Jean-Marie Graïc, Marco Magaletti, Ambra Di Rosa, Ambra Motta Carlo Tremolada, Elisabetta Canali, Emanuela Dalla Costa: Is the Piglet Grimace Scale (PGS) a Useful Welfare Indicator to Assess Pain after Cryptorchidectomy in Growing Pigs? Animals, 2020, 10(3):412. (IF 2.323, Q1).
 28. Adolfo Maria Tambella, Anna Rita Attili, Francesca Beribè, Margherita Galosi, Andrea Marchegiani, Matteo Cerquetella, Angela Palumbo Piccionello, **Cecilia Vullo**, Andrea Spaterna and Alessandro Fruganti: Management of otitis externa with an led- illuminated gel: a randomized controlled clinical trial in dogs. BMC Veterinary Research, 2020, 16:91 (IF 1.792, Q1).
 29. Alberto Salvaggio, Gian Enrico Magi, Giacomo Rossi, Adolfo Maria Tambella, **Cecilia Vullo**, Andrea Marchegiani, Riccardo Botto, Angela Palumbo Piccionello: Effect of the topical Klox fluorescence biomodulation system on the healing of canine surgical wounds. Veterinary Surgery, 2020, (IF 1.044, Q1)
 30. Catone G, Meligrana M, Marino G, **Vullo C**: Evaluation of constant rate infusion of tramadol in isoflurane-anaesthetized pigs undergoing experimental surgery. Polish Journal of Veterinary Science, 2020, 23:589-593 (IF 0.516, Q2).
 31. Adolfo Maria Tambella, Francesca Bartocetti, Giacomo Rossi, Livio Galosi, Giuseppe Catone, **Cecilia Vullo**: Effects of Autologous Platelet-Rich Fibrin in Post-Extraction Alveolar Sockets: A Randomized, Controlled Split-Mouth Trial in Dogs with Spontaneous Periodontal Disease. Animals, 2020, 10:E1343. (IF 2.323, Q1).
 32. **Cecilia Vullo**, Adolfo Maria Tambella, Anastella Falcone, Gabriele Marino, Giuseppe Catone: Constant Rate Infusion of Lidocaine, Tumescence Anesthesia and Their Combination in Dogs Undergoing Unilateral Mastectomy. Animals, 11, 1280, 2021. (IF 2.323, Q1).

Monografy

Cecilia Vullo: Endovenous Administered Tramadol In Horses. LAP LAMBERT Academic Publishing, 2014. ISBN: 978-3-659-31327-1.

PATENT HOLDER:

BIOPHOTONIC COMPOSITIONS FOR TREATING SKIN AND SOFT TISSUE WOUNDS HAVING EITHER OR BOTH NONRESISTANT AND RESISTANT INFECTIONS.

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