

CURRICULUM VITAE – MARILENA BAZZANO

Educational Activity

2020-2021 - Lecturer in Veterinary Internal Medicine Practical Activities (1 CFU), School of Veterinary Medicine, University of Camerino (UNICAM).

2020-2021 – Lecturer in Veterinary Obstetric Techniques (5 CFU), Post-Graduate School of Animal Health, Breeding and Production, University of Camerino (UNICAM)

2020-2021 – Lecturer in Control of Diseases in Livestock Production Systems (5 CFU), Animal Production Science and Valorization of Animal Derived Food, University of Camerino (UNICAM).

2019-2020 – Lecturer in Control of Diseases in Livestock Production Systems (5 CFU), Animal Production Science and Valorization of Animal Derived Food, University of Camerino (UNICAM).

2019-2020 - Lecturer in Veterinary Internal Medicine Practical Activities (3 CFU), School of Veterinary Medicine, University of Camerino (UNICAM).

2019-2020 – Lecturer in Veterinary Obstetric Techniques (10 CFU), Post-Graduate School of Animal Health, Breeding and Production, University of Camerino (UNICAM)

2018-2019 – Lecturer in Veterinary Sport Medicine (3 CFU), School of Veterinary Medicine, University of Camerino (UNICAM).

2018-2019 – Lecturer in Veterinary Internal Medicine Practical Activities (3 CFU), School of Veterinary Medicine, University of Camerino (UNICAM).

2018-2019 – Lecturer in Veterinary Obstetric Techniques (10 CFU), Post-Graduate School of Animal Health, Breeding and Production, University of Camerino (UNICAM)

Work Experience and Education

2019-2020 – Tutor UNICAM for Post-Graduate grant of Dr. Marta Florence David in cooperation with the School of Veterinary Medicine of the University of Liege.

2017-2019 – Co-Supervisor of PhD course in Life and Health Sciences: One Health. XXXI Cycle. School of Advanced Studies, university of Camerino. Thesis “Study of a new formulation of functional food for dogs with chronic renal and cardiovascular diseases”, PhD student Dr. Margherita Fratini.

2018-2019 – Supervisor of Post-Graduate student at the School of Animal Health, Breeding and Production, University of Camerino (UNICAM). Title of the thesis “Analisi metabolomica del seme equino in stalloni di razza cavallo agricolo da tiro pesante rapido”.

Since 2019 – Vet in charge at the Equine Artificial Insemination and Embryo Transfer Centre of the Veterinary Teaching Hospital, University of Camerino (UNICAM).

Since 2017 – Practical Activity in Equine Internal Medicine and Reproduction at the Veterinary Teaching Hospital, University of Camerino (UNICAM).

Since 2017 – Researcher (RTD – A) at the School of Veterinary Medicine, University of Camerino (UNICAM).

2017- Veterinarian at the “Istituto Incremento Ippico per la Sicilia” State Institute for Equine Breeding of Sicily, Catania-Italy, for the breeding season 2017.

2016- Head of veterinary services at BWT Stud farm, Equine Reproduction and Semen Production Centre/Lohtajan Ravitalli Oy, Lohtaja-Finland, for the breeding season 2016.

2015- Veterinary assistant at the “Istituto Incremento Ippico per la Sicilia” State Institute for Equine Breeding of Sicily, Catania-Italy.

2015- April- PhD degree in applied animal experimental science - Department of Veterinary Science, University of Messina, Italy. PhD thesis on the haematological adjustments occurring in healthy mares during late pregnancy and early postpartum.

2012-2014 - PhD course in applied animal experimental science, focusing on mares’ physiology during pregnancy and peripartum - Department of Veterinary Science, University of Messina, Italy.

2014- Internship at the “Istituto Incremento Ippico per la Sicilia” State Institute for Equine Breeding of Sicily, Catania-Italy.

2014- Externship at “Rosssdales Equine Hospital and Diagnostic Centre”, Newmarket, UK.

2014- Externship at “De Morette Equine Clinic”, Asse, Belgium.

2013- Internship at “Fattoria Iannarella Equine Breeding Centre”, Catania, Italy.

2012- Internship at Myhre Equine Clinic, Rochester, New Hampshire, USA.

2012- Externship at New England Equine Medical and Surgical Centre, Dover, New Hampshire, USA.

2011 - Degree in Veterinary Medicine - University of Messina, Italy. Passing grade of 101/110.

2010- Externship at Military Veterinary Hospital, Montelibretti, Rome, Italy.

2005 - High School Diploma in Foreign Languages - E. Boggio Lera High School, Catania, Italy.

Veterinary societies and congresses

03/10/2019 – Speaker at 16th World Equine Veterinary Association Congress (WEVA), abstract "respiratory metabolites in bronchoalveolar lavage fluid (BALF) and exhaled breath condensate (EBC) of healthy horses and horses affected by equine asthma"

20/06/2019 - Speaker at 73th National Congress of Italian Society of Veterinary Schools (SISVET) abstract “Selenium and vitamin e concentrations in a healthy donkey population in Central Italy”.

06/05/2019 – Speaker at the International Congress Cell Symposia: Exercise Metabolism, abstract “Probiotic supplementation in trained trotter horses: effect on blood clinical pathology data and urine metabolomic assessed in field”.

12/10/2018 – Speaker at 24th International Congress of Italian Society of Equine Veterinarians (SIVE) abstract “Metabolomics of equine Exhaled Breath Condensate (EBC) in healthy horses and horses affected by Recurrent Airway Obstruction (RAO)”.

20/06/2018 – Speaker at 72th National Congress of Italian Society of Veterinary Schools (SISVET) abstract “Tracheal Wash Metabolome in Horses with Recurrent Airways Obstruction (RAO)”.

2016-2019 – Member of Italian Society of Equine Veterinarians (SIVE)

2016- Member of EVIRA (Finnish Food Safety Authority). Registered to practice veterinary medicine in Finland.

2012 -2019- Member of FNOVI (National Federation of Italian Veterinarians). Registered to practice veterinary medicine in Italy.

Research Activity

1. Arfuso Francesca, Bazzano Marilena, Brianti Emanuele, Passantino Annamaria, Tesei Beniamino, Laus Fulvio (2020) Nutritional supplements containing *Cardus mariano*, *Eucalyptus globulus*, *Gentiana lutea*, *Urtica urens* and *Mallotus philippinensis* extracts

are effective in reducing egg shedding in dairy jennies (*Equus asinus*) naturally infected by cyathostomins. *FRONTIERS IN VETERINARY SCIENCE*, doi:10.3389/fvets.2020.556270.

2. Bazzano Marilena, Laghi Luca, Zhu Chenling, Magi Gian Enrico, Tesei Beniamino, Laus Fulvio (2020). Respiratory metabolites in bronchoalveolar lavage fluid (BALF) and exhaled breath condensate (EBC) can differentiate horses affected by severe equine asthma from healthy horses. *BMC VETERINARY RESEARCH*, 16(1), s12917-020-02446-9.
3. Bazzano Marilena, Laghi Luca, Zhu Chenling, Lotito Enrica, Sgariglia Stefano, Tesei Beniamino, Laus Fulvio (2020). Exercise induced changes in salivary and serum metabolome in trained standardbred, assessed by¹H-NMR. *METABOLITES*, 10(7),298, pp. 1-14.
4. Bazzano Marilena, Laghi Luca, Zhu Chenling, Di Giambattista Andrea, Tesei Beniamino, Laus Fulvio (2020). Metabolomic analysis of seminal plasma in stallions belonging to two different horse breeds. *JOURNAL OF EQUINE VETERINARY SCIENCE*, 89.
5. Bazzano Marilena et al. (2020). Anthelmintic efficacy and pharmacokinetics of ivermectin paste after oral administration in mules infected by cyathostomins. *ANIMALS*, 10(6),934.
6. Cecchini Stefano, Fazio Francesco, Bazzano Marilena, Rocchina Caputo Anna, Giannetto Claudia, Piccione Giuseppe (2019). Redox status and oxidative stress during late pregnancy and postpartum period in mares. *LIVESTOCK SCIENCE*, 230, 103821.
7. Bazzano Marilena, McLean Amy, Tesei Beniamino, Gallina Elisa, Laus Fulvio (2019). Selenium and vitamin e concentrations in a healthy donkey population in Central Italy. *JOURNAL OF EQUINE VETERINARY SCIENCE*, 78, 112e116.
8. Bonelli Francesca, Laus Fulvio, Briganti Angela, Evangelista Flavia, Bazzano Marilena, Conte Giuseppe, Sgorbini Micaela (2019). Evaluation of two handheld point-of-care blood gas analyzers in healthy donkeys. *JOURNAL OF EQUINE VETERINARY SCIENCE*, 79, 94-99.
9. Bazzano Marilena, Laghi Luca, Zhu Chenling, Magi Gian Enrico, Serri Evelina, Spaterna Andrea, Tesei Beniamino, Laus Fulvio (2018). Metabolomics of tracheal wash samples and exhaled breath condensates in healthy horses and horses affected by equine asthma. *JOURNAL OF BREATH RESEARCH*, 12(4),046015.
10. Zhu Chenling, Faillace Vanessa, Laus Fulvio, Bazzano Marilena, Laghi Luca (2018). Characterization of trotter horses urine metabolome by means of proton nuclear magnetic resonance spectroscopy. *METABOLOMICS*, 14(8),106
11. Laghi Luca, Zhu Chenling, Campagna Giuseppe, Rossi Giacomo, Bazzano Marilena, Laus Fulvio (2018). Probiotic supplementation in trained trotter horses: Effect on blood clinical pathology data and urine metabolomic assessed in field. *JOURNAL OF APPLIED PHYSIOLOGY*, Vol 125, p. 654-660.
12. Bazzano Marilena, Giudice Elisabetta, Rizzo Maria, Congiu Fulvio, Zumbo Alessandro, Arfuso Francesca, Di Pietro Simona, Bruschetta Daniele, Piccione Giuseppe (2016). Application of a combined global positioning and heart rate monitoring system in jumper horses during an official competition - A preliminary study. *ACTA VETERINARIA HUNGARICA*, vol. 64, p. 189-200, ISSN: 0236-6290, doi: 10.1556/004.2016.019

13. Arfuso Francesca, Quartuccio Marco, Bazzano Marilena, Fazio Francesco, Piccione Giuseppe (2016). Erythrocyte osmotic fragility and select hematologic variables in postparturient mares and their foals. *VETERINARY CLINICAL PATHOLOGY*, vol. 45, p. 260-270, ISSN: 0275-6382, doi: 10.1111/vcp.12344
14. Piccione Giuseppe, Bazzano Marilena, Bruschetta Daniele, Giannetto Claudia, Arfuso Francesca, Giudice Elisabetta (2016). Omega-3 Fatty Acid Food Enrichment Influences Some Serum Acute Phase Proteins Concentration and White Blood Cell Count in Athlete Horses. *JOURNAL OF EQUINE VETERINARY SCIENCE*, vol. 39, p. 90-96, ISSN: 0737-0806, doi: 10.1016/j.jevs.2015.11.007
15. Bazzano Marilena, Giudice Elisabetta, Fazio Francesco, Arfuso Francesca, Giannetto Claudia, Piccione Giuseppe (2016). Serum protein electrophoresis profile during late pregnancy and early post partum period in mares. *ANIMAL SCIENCE PAPERS AND REPORTS*, vol. 34, p. 53-60, ISSN: 0860-4037
16. Bazzano Marilena, Giudice Elisabetta, Giannetto Claudia, Fazio Francesco, Scollo Carmela, Piccione Giuseppe (2016). The peripartum period influenced the serum macromineral profile in mares. *ARCHIV FUR TIERZUCHT*, vol. 59, p. 65-70, ISSN: 0003-9438, doi: 10.5194/aab-59-65-2016
17. Bazzano Marilena, Faggio Caterina, Panzera Michele, Assenza Anna, Piccione Giuseppe (2015). Daily rhythm of total activity/rest pattern in small and large domestic animals. *JOURNAL OF BIOLOGICAL RESEARCH*, vol. 88, p. 29-30, ISSN: 2284-0230
18. Bazzano Marilena, Rizzo Maria, Arfuso Francesca, Giannetto Claudia, Fazio Francesco, Piccione Giuseppe (2015). Increase in erythrocyte osmotic resistance following polyunsaturated fatty acids (PUFA) supplementation in show jumper horses. *LIVESTOCK SCIENCE*, vol. 181, p. 236-241, ISSN: 1871-1413, doi: 10.1016/j.livsci.2015.08.011
19. Piccione Giuseppe, Rizzo Maria, Arfuso Francesca, Giannetto Claudia, Di Pietro Simona, Bazzano Marilena, Quartuccio Marco (2015). Leukocyte modifications during the first month after foaling in mares and their newborn foals. *POLISH JOURNAL OF VETERINARY SCIENCES*, vol. 18, p. 621-625, ISSN: 1505-1773, doi: 10.1515/pjvs-2015-0080
20. Giannetto Claudia, Bazzano Marilena, Marafioti Simona, Bertolucci Cristiano, Piccione Giuseppe (2015). Monitoring of total locomotor activity in mares during the prepartum and postpartum period. *JOURNAL OF VETERINARY BEHAVIOR*, vol. 10, p. 427-432, ISSN: 1558-7878, doi: 10.1016/j.jveb.2015.05.003
21. Bazzano Marilena, Arfuso Francesca, Giudice Elisabetta, Di Pietro Simona, Piccione Giuseppe (2015). Platelet Aggregation Percentage Increased in Healthy Broodmares During the Peripartum. *JOURNAL OF EQUINE VETERINARY SCIENCE*, vol. 35, p. 573-576, ISSN: 0737-0806, doi: 10.1016/j.jevs.2015.03.193
22. Giudice Elisabetta, Di Pietro Simona, Gaglio Gabriella, Di Giacomo L., Bazzano Marilena., Mazzullo Giuseppe (2014). Adult of *Dirofilaria repens* in a dog with recurrent multiple subcutaneous nodular lesions. *PARASITOLOGY RESEARCH*, vol. 113, p. 711-716, ISSN: 0932-0113, doi: 10.1007/s00436-013-3699-2
23. Bazzano Marilena, Giannetto Claudia, Fazio Francesco, Marafioti Simona, Giudice Elisabetta, Piccione Giuseppe (2014). Hemostatic profile during late pregnancy and early

- postpartum period in mares. *THERIOGENOLOGY*, vol. 81, p. 639-643, ISSN: 0093-691X, doi: 10.1016/j.theriogenology.2013.12.003
24. Bazzano Marilena, Giannetto Claudia, Fazio Francesco, Arfuso Francesca, Giudice Elisabetta, Piccione Giuseppe (2014). Metabolic Profile of Broodmares During Late Pregnancy and Early Post-Partum.. *REPRODUCTION IN DOMESTIC ANIMALS*, vol. 49, p. 947-953, ISSN: 0936-6768, doi: 10.1111/rda.12411
 25. Bazzano Marilena, Giannetto Claudia, Fazio Francesco, Rizzo Maria, Giudice Elisabetta, Piccione Giuseppe (2014). Physiological adjustments of haematological profile during the last trimester of pregnancy and the early post partum period in mares. *ANIMAL REPRODUCTION SCIENCE*, vol. 149, p. 199-203, ISSN: 0378-4320, doi: 10.1016/j.anireprosci.2014.07.005
 26. Piccione Giuseppe, Arfuso Francesca, Fazio Francesco, Bazzano Marilena, Giannetto Claudia (2014). Serum Lipid Modification Related to Exercise and Polyunsaturated Fatty Acid Supplementation in Jumpers and Thoroughbred Horses. *JOURNAL OF EQUINE VETERINARY SCIENCE*, vol. 34, p. 1181-1187, ISSN: 0737-0806, doi: 10.1016/j.jevs.2014.07.005
 27. Piccione Giuseppe, Bazzano Marilena, Giannetto Claudia, Marafioti Simona, Fazio Francesco (2014). Training-induced changes in clotting parameters of athletic horses. *JOURNAL OF VETERINARY SCIENCE*, vol. 15, p. 45-49, ISSN: 1229-845X, doi: 10.4142/jvs.2014.15.1.45
 28. Bazzano Marilena, Giudice Elisabetta, Di Pietro Simona, Piccione Giuseppe (2014). Vital Parameters in Newborn Thoroughbred Foals during the First Week of Life. *INTERNATIONAL JOURNAL OF ANESTHESIOLOGY RESEARCH*, vol. 2, p. 27-30, ISSN: 2310-9394, doi: 10.14205/2310-9394.2014.02.02.1
 29. Piccione Giuseppe, Bazzano Marilena, Giannetto Claudia, Panzera Michele, Fazio Francesco (2013). Evaluation of Heart Rate as Marker of Stress during Road Transport in Horses. *ACTA SCIENTIAE VETERINARIAE*, vol. 41, p. 1118, ISSN: 1679-9216
 30. Piccione Giuseppe, Messina Vanessa, Bazzano Marilena, Giannetto Claudia, Fazio Francesco (2013). Heart Rate, Net Cost of Transport, and Metabolic Power in Horse Subjected to Different Physical Exercises. *JOURNAL OF EQUINE VETERINARY SCIENCE*, vol. 33, p. 586-589, ISSN: 0737-0806, doi: 10.1016/j.jevs.2012.09.010
 31. Piccione Giuseppe, Marafioti Simona, Bazzano Marilena, Rizzo Maria, Arfuso Francesca, Assenza Anna (2013). Integrazione della razione alimentare con acidi grassi della serie omega 3: Effetti sul profilo ematologico del saltatore e del galoppatore. *VETERINARIA PRATICA EQUINA*, vol. 2, p. 42-48, ISSN: 1825-3229
 32. Piccione Giuseppe, Casella Stefania, Giannetto Claudia, Bazzano Marilena, Giudice Elisabetta, Fazio Francesco (2013). Oxidative stress associated with road transportation in ewes. *SMALL RUMINANT RESEARCH*, vol. 112, p. 235-238, ISSN: 0921-4488
 33. Bazzano Marilena, Piccione Giuseppe, Giannetto Claudia, Tosto Francesco, Di Pietro Simona, Giudice Elisabetta (2013). Platelet Rich Plasma Intralesional Injection as Bedside Therapy for Tendinitis in Athletic Horse. *ACTA SCIENTIAE VETERINARIAE*, vol. 41, p. 1-7, ISSN: 1679-9216
 34. Giudice Elisabetta, Messina Vanessa, Marafioti Simona, Monteverde Vincenzo, Bazzano Marilena, Piccione Giuseppe, Guercio Annalisa (2012). Influence of Brucella infection

on circadian rhythm of haematological parameters in dairy cows. LARGE ANIMALS
REVIEW, vol. 18, p. 75-77, ISSN: 1124-4593

Matelica, 22/10/2020

A handwritten signature in black ink, appearing to read "Marina Cerroni". The signature is written in a cursive, flowing style.