

## MARGHERITA MARANESI - CURRICULUM VITAE



Date of birth: 31<sup>st</sup> may 1976  
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### EDUCATION:

- 2006-2008: Specialization in "Control of Food of Animal Origin", Department of Veterinary Medicine, University of Perugia, Italy.
- 2002-2006: Ph.D. in "Increasing Livestock Production and Livestock Diseases", Department of Veterinary Medicine, University of Perugia, Italy.
- 2002: National Veterinary License, Department of Veterinary Medicine, University of Perugia, Italy.
- 2002: Vocational training. Project "Erasmus", Department of Veterinary Medicine, University of Zaragoza Spain.
- 1995 - 2001: Veterinary Medicine Degree, Department of Veterinary Medicine, University of Perugia, Italy.

### PROFESSIONAL EXPERIENCE:

- 2018-now: Temporary Researcher "B type" (L. 240/2010). Research project title: "Chemical messengers and inter- and intra-cellular mechanisms regulating the reproductive processes in animals of veterinary interest", SSD: VET/02. Department of Veterinary Medicine, University of Perugia, Italy.
- 2015-2018: Temporary Researcher "A type" (L. 240/2010). Research project title: "Development and implementation of new animal models for endocrine disruptors", SSD: VET/02. Department of Veterinary Medicine, University of Perugia, Italy.
- 2019-now: Guest editor, Journal: "Molecules" (MDPI), special issue title: Natural Compounds for Treatment and Prevention of Diabetes, Inflammation, Oxidative Stress and Reproductive Diseases.
- 2016-now: Expert member of the journal "Archivos de Zootecnia" published by the University of Cordoba. From 2018 responsibility for the section on reproductive physiology, Spanish and Portuguese language.
- 2014-2015: Grant-holder. Training course title: "Safe & Smart: Researchers expert in quality and safety of the agri-food system". Engineering Ingegneria Informatica S.p.A. and ENEA, Roma, Italy.
- 2013-now: National Scientific Qualification as Associate Professor, SC: 07/H1, SSD VET/01 – VET/02 (Veterinary Anatomy and Physiology), ANVUR, National Agency for Evaluation of University and Research.

- 2006-2012: Research Fellow. Research project title: "Local mechanisms regulating rabbit corpus luteum functionality: the role of endothelial factors and cytokines". Department of Veterinary Medicine, University of Perugia, Italy.

**MEMBERSHIP IN COMMITTEES:**

Member of the following Departmental Committees: Academic Committee of the Doctoral Programme, Teaching Staff-Student Joint Committee, ERASMUS Committee, Orienteering and Tutoring Committee, Department of Veterinary Medicine, University of Perugia.

**ACADEMIC ACTIVITIES:**

-2019-now: Veterinary Physiology (Physiology II – 3 CFU) and Endocrinology (4 CFU), SSD: VET/02, Veterinary Physiology, course: Veterinary Medicine, Department of Veterinary Medicine, University of Perugia, Italy.

-2018: Veterinary Anatomy and Histology, SSD: VET/01 (7 CFU), Veterinary Anatomy, course: Animal Production, School of Biosciences and Veterinary Medicine, University of Camerino, Italy.

- 2015-2018: Veterinary Endocrinology, SSD: VET/02, Veterinary Physiology, course: Veterinary Medicine, Department of Veterinary Medicine, University of Perugia, Italy.

-2016-2017: Veterinary Anatomy (8 CFU), SSD: VET/01, Veterinary Anatomy, course: Veterinary Medicine, School of Biosciences and Veterinary Medicine, University of Camerino, Italy.

-2016: Physiology, SSD: BIO/09 (6 CFU), course: Biotechnology, "Agreement on cooperative project for undergraduate in Biotechnology Bachelor Degree between Jilin Agricultural University (P.R. China) and University of Camerino (Italy)". Jilin Agricultural University, Changchun City, Jilin province (P.R. China).

-Mobility teaching, ERASMUS+ programme: Veterinary Physiology and Endocrinology:

1) University of Cordoba (Spain) - Faculty of Veterinary Medicine, 16-22 May 2019 (8 hours teaching in Spanish).

2) Portalegre Polytechnic Institute - Escola Superior Agraria Elvas (Portugal), 14-18 May 2018 (8 hours - teaching in English).

3) University of Valencia CEU - Cardenal Herrera (Spain) - Department of Veterinary Medicine, 26-29 March 2018 (8 hours - teaching in Spanish).

4) University of Cordoba (Spain) - Faculty of Veterinary Medicine, 22-26 May 2017 (8 hours teaching in Spanish).

5) Portalegre Polytechnic Institute - Escola Superior Agraria Elvas (Portugal), 20-24 March 2017 (8 hours - teaching in English).

6) University of Las Palmas de Gran Canaria (Spain) - Faculty of Veterinary Medicine, 26-30 September 2016 (8 hours - teaching in Spanish).

7) University of Zaragoza (Spain) - Faculty of Veterinary Medicine, 4-8 April 2016 (8 hours teaching in Spanish).

**MEMBERSHIPS:**

European Society for Domestic Animal Reproduction

Phytochemical Society of Europe

Società italiana di Fisiologia Veterinaria

Società Scientifica di Conigliicoltura Italiana

**CONGRESS:**

**Plenary lectures**

- 1) Maranesi M. Nuevos agentes que inducen la ovulación en la coneja. XV Encuentro Nacional De Cunicultura, 19 Abril 2018. Texcoco, Estado de México.
- 2) Maranesi M, Petrucci L, Castellini C, Boiti C, Chiaradia E, Avellini L, Dall'Aglio C, Zerani M, Rebollar PG, Mattioli S: Impact of linseed supplemented diet ( $\alpha$ -linolenic acid) on productive/reproductive performance and lipid metabolic pathway of rabbits. international PSE Symposium. New & old phytochemicals: their role in ecology, veterinary & welfare, 19<sup>th</sup> September 2017. Chieti.

**Speaker**

- 1) Maranesi M, Trabalza-Marinucci M, Dall'Aglio C, Cappelli K, Mecocci S, Zerani M, G. Acute Dietary polyphenols for rabbit does: ovarian presence and gene expression of inflammatory, metabolic, and apoptosis-associated factors. International PSE e-Congress, 25<sup>th</sup> September 2020.
- 2) Maranesi M, Mercati F, Bufalari A, Gobbetti A, Petrucci L, Cocci P, Paoloni D, Crotti S, Zerani M, Boiti C, Dall'Aglio C. Gene and protein expression of the nerve growth factor and its cognate receptor in the ovary of a grey squirrel population (*Sciurus carolinensis*) in central Italy during the annual reproductive cycle. ESDAR Congress, 19<sup>th</sup>-22<sup>nd</sup> September 2019, St. Petersburg (Russia).
- 3) Maranesi M. Nerve growth factor and animal reproduction. The Second Rita Levi Montalcini's Meeting. 13<sup>rd</sup>-14<sup>th</sup> June 2019, Bologna (Italy).
- 4) Maranesi M, Paoloni D, Bufalari A, Mercati F, Dall'Aglio C, Zerani M, Boiti C, Petrucci L, Bergamasco F, Cruciani D, Crotti S. Reproductive characterization of a gray squirrel (*Sciurus carolinensis*) alien population: uterine scars and genital tract morphological seasonal changes. 28<sup>th</sup> September 2018, ESDAR Congress, Cordoba (Spain).
- 5) Maranesi M, Mercati F, Bufalari A, Paoloni D, Crotti S, Dall'Aglio C, Nannarone S, Petrucci L, Moretti G, Cruciani D, Bergamasco F, Boiti C, Zerani M. Reproductive patterns in a population of gray squirrel (*Sciurus carolinensis*) in central Italy: litter size and genital tract morphological seasonal changes. 22<sup>nd</sup> giugno 2018, SISVET Congress, Torino (Italy).
- 6) Maranesi M. Folliculogenesis, ovulation, development and regression of the corpus luteum, Erasmus + project. International week Elvas, 22<sup>nd</sup> March 2017. Escola Superior Agraria Elvas – Portalegre (Portugal).
- 7) Maranesi M. "Movilidad y presentacion sobre la Universidad de Perugia" seminario para Profesores y personal auxiliar y de servicios ERASMUS +, 29<sup>th</sup> Septiembre 2016. Universidad de Las Palmas de Gran Canaria (Spain).
- 8) Maranesi M. "Regulación endocrinológica de la función reproductora del conejo: actualizaciones recientes" nell'ambito del progetto ERASMUS plus docenze internazionali, 8<sup>th</sup> April 2016. Universidad de Zaragoza. Facultad de Medicina Veterinaria. Zaragoza (Spain).
- 9) Maranesi M, Menchetti L, Boiti C, Grassi M, Dall'Aglio C. Eine Integration der mütterlichen Ernährung mit Fischöl erhöht die Insulinempfindlichkeit und Genexpression PPAR $\gamma$  in der Leber von entwöhnten Kaninchen". 10<sup>th</sup> March 2016. Congress of the Nutrition Physiology Society – GFE University of Hannover, Veterinary Faculty, Hannover (Germany).
- 10) Maranesi M. The Smart Dairy Farm. B2B Matchmaking SC2 "Infoday SC2 H2020 Food Security, Sustainable Agriculture and Forestry, Marine, Maritime and Inland Water Research and the Bioeconomy". 30<sup>th</sup> November 2015, Roma (Italy).
- 11) Maranesi M. "Expression and potential mechanisms of action of  $\beta$ -NGF and its TRKA receptor in the reproductive system of rabbits". In: International Workshop: "The  $\beta$ -nerve growth factor in rabbit semen: possible role in artificial insemination", 26<sup>th</sup> September 2014, Aula Magna Dipartimento di Scienze Agrarie, Alimentari e Ambientali; Università degli Studi di Perugia, Perugia (Italy).
- 12) Maranesi M, Zerani M, Brecchia G, Boiti C. Regolazione della funzione e regressione luteale nel coniglio. In: IX Congresso Nazionale della Società Italiana di Fisiologia Veterinaria, 17 giugno 2011. La Cittadella di Assisi, Assisi (PG).
- 13) Maranesi M. Recenti attività di ricerca del gruppo di Fisiologia Veterinaria: "Sviluppo di un modello animale per la valutazione degli effetti coi quali agiscono gli inquinanti ambientali sulla riproduzione". In: XII Congresso Nazionale del Centro Interuniversitario di Ricerca sull'Inquinamento da Agenti Fisici – CIRIAF, 30 marzo 2012, Facoltà di Ingegneria, Perugia (Italia).
- 14) Maranesi M. Meccanismi locali che regolano la funzionalità luteale: ruolo di fattori locali e citochine. In: La Fondazione Cassa di Risparmio di Perugia per la Ricerca Universitaria 25 febbraio 2011. Palazzo Graziani, Corso Vannucci, Perugia (Italia).

**LIST OF INTERNATIONAL PEER-REVIEWED PUBLICATIONS:**

**Article in international peer reviewed journal**

- 1) Maranesi M, Palermo FA, Bufalari A, Mercati F, Paoloni D, Cocci P, Moretti G, Crotti S, Zerani M, Dall'Aglio C. Seasonal Expression of NGF and Its Cognate Receptors in the Ovaries of Grey Squirrels (*Sciurus carolinensis*). *Animals* 2020, 10, 1558.
- 2) Maranesi M, Bufalari A, Dall'Aglio C, Paoloni D, Moretti G, Crotti S, Manuali E, Stazi M, Bergamasco F, Cruciani D, Di Meo A, Boiti C, Zerani M, Mercati F. Reproductive Traits of an Invasive Alien Population of Grey Squirrel (*Sciurus carolinensis*) in Central Italy. *Animals* 2020, 10, 738.
- 3) Petrucci L, Maranesi M, Verini Supplizi A, Dall'Aglio C, Mandara MT, Quassinti L, Bramucci M, Miano A, Gobbetti A, Catone G, Boiti C, Zerani M. Kisspeptin/GnRH1 system in Leydig cells of horse (*Equus caballus*): presence and function. *Theriogenology* 2020, 152, 1-7.
- 4) Troisi A, Dall'Aglio C, Maranesi M, Orlandi R, Speranza R, Zerani M, Polisca A. Presence and expression of apelin and apelin receptor in bitch placenta. *Theriogenology* 2020, 147, 192-196.
- 5) Mercati F, Domingo P, Pasquariello R, Dall'Aglio C, Di Michele A, Forti K, Cocci P, Boiti C, Gil L, Zerani M, Maranesi M. Effect of chelating and antioxidant agents on morphology and DNA methylation in freeze-drying rabbit (*Oryctolagus cuniculus*) spermatozoa. *Reproduction in Domestic Animals* 2020, 55, 29-37.
- 6) Mercati F, Scocco P, Maranesi M, Acuti G, Petrucci L, Cocci P, Renzi A, De Felice E, Dall'Aglio C. Apelin system detection in the reproductive apparatus of ewes grazing on semi-natural pasture. *Theriogenology* 2019, 139, 156-166.
- 7) Dall'Aglio C, Scocco P, Maranesi M, Petrucci L, Acuti G, De Felice E, Mercati F. Immunohistochemical identification of resistin in the uterus of ewes subjected to different diets: Preliminary results. *European Journal of Histochemistry* 2019, 63, 2.
- 8) Maranesi M, Petrucci L, Leonardi L, Bufalari A, Parillo F, Boiti C, Zerani M. Kisspeptin/kisspeptin receptor system in pseudopregnant rabbit corpora lutea: presence and function. *Scientific Reports* 2019, 25, 9:5044.
- 9) Mattioli S, Dal Bosco A, Maranesi M, Petrucci L, Rebollar PG, Castellini C. Dietary fish oil and flaxseed for rabbit does: fatty acids distribution and  $\Delta 6$ -desaturase enzyme expression of different tissues. *Animal* 2019, 18, 1-9.
- 10) Mercati F, Dall'Aglio C, Timperi L, Scocco P, De Felice E, Maranesi M. Epithelial expression of the hormone leptin by bovine skin. *European Journal of Histochemistry* 2019, 17, 63, 1.
- 11) Mercati F, Maranesi M, Dall'Aglio C, Petrucci L, Pasquariello R, Tardella FM, De Felice E, Scocco P. Apelin System in Mammary Gland of Sheep Reared in Semi-Natural Pastures of the Central Apennines. *Animals* 2018, 8, 12.
- 12) Troisi A, Orlandi R, Maranesi M, Dall'Aglio C, Brecchia G, Parillo F, Boiti C, Zerani M, Polisca A. Intra-ovarian dynamic blood flow in pseudopregnant rabbits during prostaglandin F $2\alpha$ -induced luteolysis. *Reproduction in Domestic Animals* 2019, 54, 176-183.
- 13) Basini G, Grasselli F, Bussolati S, Ciccimarra R, Maranesi M, Bufalari A, Parillo F, Zerani M. Presence and function of kisspeptin/KISS1R system in swine ovarian follicles. *Theriogenology* 2018, 115, 1-8.
- 14) Maranesi M, Castellini C, Dall'Aglio C, Mattioli S, Petrucci L, Boiti C, Zerani M. Effects of PUFA source on animal reproduction: male and female performances and endocrine mechanisms. *Phytochemistry Reviews* 2018, 17, 801-814.
- 15) Maranesi M, Petrucci L, Leonardi L, Piro F, Rebollar PG, Millán P, Cocci P, Vullo C, Parillo F, Moura A, Gonzalez Mariscal G, Boiti C, Zerani M. New insights on a NGF-mediated pathway to induce ovulation in rabbits (*Oryctolagus cuniculus*). *Biology of Reproduction* 2018, 98, 634-643.
- 16) Pirino C, Cappai MG, Maranesi M, Tomassoni D, Giontella A, Pinna W, Boiti C, Kamphues J, dall'Aglio C. The presence and distribution of cannabinoid type 1 and 2 receptors in the mandibular gland: The influence of different physical forms of diets on their expression in piglets. *Journal of Animal Physiology and Animal Nutrition* 2018, 102, e870-e876.
- 17) Pirino C, Maranesi M, Polisca A, Troisi A, Dall'Aglio C. The immunohistochemical presence and distribution of ghrelin, apelin and their receptors in dog ovaries. *Microbiology Research* 2017, 8, 28-30.
- 18) Dall'Aglio C, Polisca A, Cappai MG, Mercati F, Troisi A, Pirino C, Scocco P, Maranesi M. Immunohistochemistry detected and localized cannabinoid receptor type 2 in bovine fetal pancreas at late gestation. *European Journal of Histochemistry* 2017, 61, 2761.

- 19) Maranesi M, Parillo F, Leonardi L, Rebollar PG, Alonso B, Petrucci L, Gobbetti A, Boiti C, Arruda-Alencar J, Moura A, Zerani M. Expression of nerve growth factor (NGF) and its receptors in the uterus of rabbits: functional involvement in prostaglandin synthesis. *Domestic Animal Endocrinology* 2016, 56, 20-8.
- 20) Maranesi M, Zerani M, Leonardi L, Pistilli A, Arruda-Alencar J, Stabile AM, Rende M, Castellini C, Petrucci L, Parillo F, Moura A, Boiti C. Gene Expression and Localization of NGF and Its Cognate Receptors NTRK1 and NGFR in the Sex Organs of Male Rabbits. *Reproduction in Domestic Animals* 2015, 50, 918-25.
- 21) Parillo F, Maranesi M, Mignini F, Marinelli L, Di Stefano A, Boiti C, Zerani M. Evidence for a dopamine intrinsic direct role in the regulation of the ovary reproductive function: in vitro study on rabbit corpora lutea. *PLoS One* 2014, 9(8):e104797.
- 22) Parillo F, Maranesi M, Brecchia G, Gobbetti A, Boiti C, Zerani M. Immunohistochemical study on effectors of ovary medulla blood vessel in pseudopregnant rabbit. *Acta scientiae veterinariae*. 2014, 42, 1225.
- 23) Mercati F, Maranesi M, Dall'Aglio C, Scocco P, Pascucci L, Boiti C, Ceccarelli P. Leptin receptor is expressed by epidermis and skin appendages in dog. *Acta Histochemica* 2014, 116, 1270-5.
- 24) Brecchia G, Menchetti L, Cardinali R, Castellini C, Polisca A, Zerani M, Maranesi M, Boiti C. Effects of a bacterial lipopolysaccharide on the reproductive functions of rabbit does. *Animal Reproduction Science* 2014, 30, 147, 128-134.
- 25) Collodel G, Moretti E, Del Vecchio MT, Biagi M, Cardinali R, Mazzi L, Brecchia G, Maranesi M, Manca D, Castellini C. Effect of chocolate and Propofenol on rabbit spermatogenesis and sperm quality following bacterial lipopolysaccharide treatment. *Systems Biology in Reproductive Medicine* 2014; 60, 217-26.
- 26) Parillo F, Maranesi M, Brecchia G, Gobbetti A, Boiti C, Zerani M. In vivo chronic and in vitro acute effects of di(2-ethylhexyl) phthalate on pseudopregnant rabbit corpora lutea: possible involvement of peroxisome proliferator-activated receptor gamma. *Biology of Reproduction* 2014, 90(2), 41.
- 27) Parillo F, Zerani M, Maranesi M, Dall'Aglio C, Galeati G, Brecchia G, Boiti C, González-Mariscal G. Ovarian hormones and fasting differentially regulate pituitary receptors for estrogen and gonadotropin-releasing hormone in rabbit female. *Microscopy Research and Technique* 2014, 77, 201-210.
- 28) Dall'Aglio C, Millán P, Maranesi M, Rebollar PG, Brecchia G, Zerani M, Gobbetti A, Gonzalez-Mariscal G, Boiti C. Expression of the cannabinoid receptor type 1 in the pituitary of rabbits and its role in the control of LH secretion. *Domestic Animal Endocrinology* 2013, 45, 171-9.
- 29) Parillo F, Dall'Aglio C, Brecchia G, Maranesi M, Polisca A, Boiti C, Zerani M. Aglepristone (RU534) effects on luteal function of pseudopregnant rabbits: steroid receptors, enzymatic activities, and hormone productions in corpus luteum and uterus. *Animal Reproduction Science* 2013, 138, 118-32.
- 30) Zerani M, Maranesi M, Brecchia G, Gobbetti A, Boiti C, Parillo F. Evidence for a luteotropic role of peroxisome proliferator-activated receptor gamma: expression and in vitro effects on enzymatic and hormonal activities in corpora lutea of pseudopregnant rabbits. *Biology of Reproduction* 2013, 14, 88, 62.
- 31) Parillo F, Catone G, Maranesi M, Gobbetti A, Gasparrini B, Russo M, Boiti C, Zerani M. Immunolocalization, gene expression, and enzymatic activity of cyclooxygenases, prostaglandin e2-9-ketoreductase, and nitric oxide synthases in Mediterranean buffalo (*Bubalus bubalis*) corpora lutea during diestrus. *Microscopy Research and Technique* 2012, 75, 1682-90.
- 32) Dall'Aglio C, Maranesi M, Pascucci L, Mercati F, Ceccarelli P. Immunohistochemical distribution of leptin receptor in the major salivary glands of horses. *Research in Veterinary Science* 2012, 93, 1116-8.
- 33) Zerani M, Catone G, Maranesi M, Gobbetti A, Boiti C, Parillo F. Gonadotropin-releasing hormone 1 directly affects corpora lutea lifespan in Mediterranean buffalo (*Bubalus bubalis*) during diestrus: presence and in vitro effects on enzymatic and hormonal activities. *Biology of Reproduction* 2012, 87(2), 45.
- 34) Dall'aglio C, Mercati F, Maranesi M, Boiti C. Identification of orexins and cognate receptors in the lacrimal gland of sheep. *Peptides* 2012, 35, 36-41.
- 35) Guelfi G, Zerani M, Brecchia G, Parillo F, Dall'Aglio C, Maranesi M, Boiti C. Direct actions of ACTH on ovarian function of pseudopregnant rabbits. *Molecular and Cellular Endocrinology* 2011, 339, 63-71.
- 36) Zerani M, Catone G, Quassinti L, Maccari E, Bramucci M, Gobbetti A, Maranesi M, Boiti C, Parillo F. In vitro effects of gonadotropin-releasing hormone (GnRH) on Leydig cells of adult alpaca (*Lama pacos*) testis:

- GnRH receptor immunolocalization, testosterone and prostaglandin synthesis, and cyclooxygenase activities. *Domestic Animal Endocrinology* 2011, 40, 51-9.
- 37) Marenzoni ML, Coppola G, Maranesi M, Passamonti F, Cappelli K, Capomaccio S, Verini Supplizi A, Thiry E, Coletti M. Age-dependent prevalence of equid herpesvirus 5 infection. *Veterinary Research Communication* 2010, 34, 703-8.
- 38) Marenzoni ML, Coppola G, Maranesi M, Maranesi M, Passamonti F, Cappelli K, Capomaccio S, Verini Supplizi A, Thiry E, Coletti M. Infezione da Equis herpes virus 5 (EHV-5) in 15 puledri. *Ippologia* 2010, 4, 31-34.
- 39) Polisca A, Scotti L, Orlandi R, Brecchia G, Maranesi M, Zerani M, Boiti C. Aglepristone (RU534) administration to non-pregnant bitches in the mid-luteal phase induces early luteal regression. *Theriogenology* 2010, 74, 672-81.
- 40) Zerani M, Parillo F, Brecchia G, Guelfi G, Dall'Aglio C, Lilli L, Maranesi M, Gobbetti A, Boiti C. Expression of type I GNRH receptor and in vivo and in vitro GNRH-I effects in corpora lutea of pseudopregnant rabbits. *Journal of Endocrinology* 2010, 207, 289-300.
- 41) Maranesi M, Zerani M, Lilli L, Dall'Aglio C, Brecchia G, Gobbetti A, Boiti C. Expression of luteal estrogen receptor, interleukin-1, and apoptosis-associated genes after PGF2alpha administration in rabbits at different stages of pseudopregnancy. *Domestic Animal Endocrinology* 2010, 39, 116-30.
- 42) Zerani M, Dall'Aglio C, Maranesi M, Gobbetti A, Brecchia G, Mercati F, Boiti C. Intraluteal regulation of prostaglandin F2 alpha-induced prostaglandin biosynthesis in pseudopregnant rabbits. *Reproduction* 2007, 133, 1005-16.
- 43) Boiti C, Maranesi M, Dall'aglio C, Pascucci L, Brecchia G, Gobbetti A, Zerani M. Vasoactive peptides in the luteolytic process activated by PGF2alpha in pseudopregnant rabbits at different luteal stages. *Biology of Reproduction* 2007, 77, 156-64.
- 44) Brecchia G, Bonanno A, Galeati G, Federici C, Maranesi M, Gobbetti A, Zerani M, Boiti C. Hormonal and metabolic adaptation to fasting: effects on the hypothalamic-pituitary-ovarian axis and reproductive performance of rabbit does. *Domestic Animal Endocrinology* 2006, 31, 105-22.
- 45) Zerani M, Boiti C, Dall'Aglio C, Pascucci L, Maranesi M, Brecchia G, Mariottini C, Guelfi G, Zampini D, Gobbetti A. Leptin receptor expression and in vitro leptin actions on prostaglandin release and nitric oxide synthase activity in the rabbit oviduct. *Journal of Endocrinology* 2005, 185, 319-25
- 46) Boiti C, Guelfi G, Brecchia G, Dall'Aglio C, Ceccarelli P, Maranesi M, Mariottini C, Zampini D, Gobbetti A, Zerani M. Role of the endothelin-1 system in the luteolytic process of pseudopregnant rabbits. *Endocrinology* 2005, 146, 1293-300.

#### **Books or book chapters:**

- Porciello F. Elettrocardiografia nel cane, nel gatto e nel cavallo. 1° ed., 180 pagg., 160 ill., Poletto Editore, giugno 2003. Collaboratori: Biretoni F, Corrado O., Filesi L, Fruganti A., Maranesi M. ISBN: 8886786573.
- Porciello F, Caivano D, Maranesi M. Tachiaritmie sopraventricolari. Capitolo XXI. In: Testo Atlante. Cardiologia del cane, del gatto e del cavallo. MILANO: Poletto Editore 2010; p. 314-326. ISBN: 9788895033341
- Porciello F, Caivano D, Maranesi M. Classificazione generale e meccanismi fisiopatologici delle aritmie. Capitolo XX. In: Testo Atlante. Cardiologia del cane, del gatto e del cavallo. MILANO: Poletto Editore 2010; p. 327-355. ISBN: 9788895033341

#### **Thesis**

- Specialization thesis in Inspection of food of animal origin: Molecular biology applications in Inspection of food of animal origin. 2008
- PhD Thesis in Increase in Livestock Productions and Livestock Disease: Role of Leptin and Endothelin in the luteolytic process of the rabbit. 2006
- Veterinary Medicine thesis: Supraventricular tachyarrhythmias in pets. 2001.