

Michela Beccaglia

2009: Diploma of European College of Animal Reproduction (ECAR)

2007-at present : Post-doc position in the Department of Veterinary Clinical Science, University of Milan , Italy , under the supervision of Prof. Gaia Cecilia Luvoni.

2006 : PhD degree . Dissertation thesis: “Ultrasonographic identification of dog fetal brain structures during pregnancy”.

2004: Visiting Research Scholar at University of Davis California , U.S. , under the supervision of Dr. Autumn Davidson.

2002 : DVM cum laude Faculty of Veterinary Medicine – University of Milan , Italy .

MAJOR RESEARCH INTERESTS:

Small Animal Theriogenology.

CURRENT AND RECENT RESEARCH ACTIVITIES:

Cryopreservation of canine and feline semen.

Role of antioxidants in the conservation of feline and canine semen.

Assisted reproductive technologies in carnivores.

Ultrasonographic evaluation of canine and feline pregnancy and prediction of parturition date.

Anesthetic and analgesic protocols in canine and feline reproductive surgery.

PUBLICATIONS

National and International Journals

Beccaglia M. and Luvoni G.C. (2003) “Ultrasonographic study during pregnancy of the growth of an encephalic portion in the canine foetus”. *Veterinary Research Communications*, 28: 161-64.

Luvoni G.C. and Beccaglia M. (2006). “The prediction of parturition date in canine pregnancy”. *Reproduction in Domestic Animal*, 41: 27-32.

Beccaglia M., Fattori L., Luvoni G.C. (2006). “Anomalie congenite dell’apparato genitale femminile: un problema troppo spesso sottovalutato nell’allevamento canino”. *Praxis Veterinaria* vol. XXVII, n.2/2006, 15-23.

Luvoni G.C., Chigioni S., Beccaglia M. (2006). “Embryo production in dogs: from in vitro fertilization to cloning”. *Reproduction in Domestic Animal*, 41: 286-290.

Beccaglia M. and Luvoni G.C. (2006). “Comparison of accuracy of two ultrasonographic measurements in predicting the parturition date in the bitch”. *Journal of Small Animal Practice*, 47(11): 670-673.

Beccaglia M., Battocchio M., Sironi G., Luvoni G.C. (2008). “Unusual vaginal angiomatous neof ormation in a 3-year-old pug”. *Reproduction in Domestic Animal*, 43(2):144-146.

Beccaglia M., Faustini M., Luvoni G.C. (2008). "Ultrasonographic study of deep portion of diencephalo-telencephalic vesicle for the determination of gestational age in the canine fetus". *Reproduction in Domestic Animal*, 43(3):367-370.

Beccaglia M., Rota A., Anastasi P., Grimaldi E., Faustini M., Luvoni G.C. (2008). "Accuracy of the prediction of parturition date through ultrasonographic measurement of fetal parameters in the queen". *Veterinary Research Communications*, 32(1):99-101.

Vettorato E., Zonca A., Isola M., Villa R., Gallo M., Ravasio G., Beccaglia M., Montesissa C., Cagnardi P. (2009). Pharmacokinetics and efficacy of intravenous and extradural tramadol in dogs. *The Veterinary Journal*, doi:10.1016/j.tvjl.2008.11.002

Beccaglia M., Anastasi P., Chigioni S., Luvoni G.C. (2009). "Tris-lecithin extender supplemented with antioxidant catalase for chilling of canine semen". *Reproduction in Domestic Animal*, 44 (Suppl 2):345-349.

Cocola C., Anastasi P., Artigiano S., Sanzone S., Pilucchi P., Piscitelli E., Vilardo L., Bertoli G., Beccaglia M., Veronesi M.C., Barbieri O., Reinbold A.R., Luvoni G.C., Zucchi I. (2009). Isolation of canine mammary cells with stem cell properties and tumor initiating potential. *Reproduction in Domestic Animals*, 44 (Suppl 2):214-217.

Beccaglia M., Anastasi P., Luvoni G.C. (2009). Freezing of canine semen in animal free protein extender. *Veterinary Research Communications*, 33(Suppl 1):77-80.

Cagnardi P., Zonca A., Ravasio G., Vettorato E., Beccaglia M., Luvoni G.C., Gallo M., Carli S., Fonda D., Villa R. (2008). Pharmacokinetics, intraoperative effect and postoperative analgesia of tramadol in cats. *The Veterinary Journal*, submitted.

Proceedings at National and International Meetings

Beccaglia M., Anfuso F. and Luvoni G.C. (2003) "Ultrasonographic identification of fetal brain structures during pregnancy in the dog". *Proceedings of 3rd National Congress on Reproduction in Companion Animals - European Veterinary Society for Small Animal Reproduction, Dublin (Ireland)*; 115-16;

Beccaglia M. and Luvoni G.C. (2003) "Studio ecografico in corso di gravidanza dello sviluppo di una porzione encefalica nel feto di cane". *Atti della Società Italiana delle Scienze Veterinarie*, vol. 57: 103-04.

Beccaglia M. and Luvoni G.C. (2004) "La numerosità della cucciolata e la distribuzione dei sessi non influenzano la previsione della data del parto ottenuta con misurazioni ultrasonografiche fetali nella specie canina". *Atti della Società Italiana delle Scienze Veterinarie*, vol 58: 50.

Luvoni G.C. and Beccaglia M. (2005) "The prediction of parturition term in bitches". *Proceedings 6° Annual Congress EVSSAR – European Veterinary Society for Small Animal Reproduction, Amsterdam (The Netherlands)*, April 14 2005, 21.

Beccaglia M. and Luvoni G.C. (2005) "Evaluation of gestational age in the bitch by ultrasonographic measurements of foetal head" *Proceedings 6° Annual Congress EVSSAR – European Veterinary Society for Small Animal Reproduction, Amsterdam (The Netherlands)*, April 14 2005, 23.

Beccaglia M., Battocchio M., Sironi G., Luvoni G.C. (2006). "Unusual vaginal angiomatous neof ormation in a three year-old Pug". Proceedings 5th Biannual Congress EVSSAR - European Veterinary Society for Small Animal Reproduction, Budapest (Hungary), April 7-9, 2006: 274.

Beccaglia M., Anastasi P., Botazzoli A., Luvoni G.C. (2007). "Positive contrast vaginography in the study of vestibulovaginal junction in the bitch". Proceedings 5th Annual Congress EVSSAR- European Veterinary Society for Small Animal Reproduction, Estoril (Portugal), June 2nd, 111.

Beccaglia M., Rota A., Anastasi P., Grimaldi E., Faustini M., Luvoni G.C. (2007). "Accuratezza della previsione della data del parto attraverso la misurazione ecografica di strutture fetali nella specie felina". Atti della Società Italiana delle Scienze Veterinarie, 61: 37-38.

Ravasio G., Cagnardi P., Zonca A., Beccaglia M., Anastasi P., Fonda D., Carli S., Villa R. (2007). "Effetti clinici e cinetica del tramadolo in comparazione con butorfanolo in gatti sottoposti ad ovariectomia od orchietomia". Atti della Società Italiana delle Scienze Veterinarie, 61: 273-274.

Beccaglia M., Anastasi P., Chigioni S., Luvoni G.C. (2008). "Tris-lecithin extender supplemented with antioxidant catalase for chilling of canine semen". Proceedings 6th Biennial Congress EVSSAR- European Veterinary Society for Small Animal Reproduction, Vienna (Austria), 37-38.

Beccaglia M., Anastasi P., Luvoni G.C. (2008). "Congelamento del seme di cane in un diluente privo di proteine animali". Atti della Società Italiana delle Scienze Veterinarie, 62: 41-42.

Gallo M., Cagnardi P., Zonca A., Villa R., Beccaglia M., Anastasi P., Luvoni G.C., Carli S. (2008). "Farmacocinetica del ketorolac in gatti sottoposti a gonadectomia". Atti della Società Italiana delle Scienze Veterinarie, 62: 325-326.

Luvoni G.C., Beccaglia M., Anastasi P. (2009). Ultrasonographic fetal biometry in bitches and queens. Proceedings 6th Annual Congress EVSSAR – European Veterinary Society for Small Animal Reproduction, Wroclaw (Poland), June 6th, 30-31.