

RESUME

OF

CHIARA MILANI

DVM, PhD

**University of Padova
Department of Animal Medicine Production and Health**

Personal Informations:

Born to: Legnago (VR), ITALY, 18/09/1978

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Actual position:

Since December 2008: **Assistant Professor** at the University of Padova, School of Veterinary Medicine and Agriculture, department of Animal Medicine Production and Health

Previous Positions:

- August 2008 -** **post doc position** at the Department of Veterinary Clinical Science, University of Padova, with a research project: "*Evaluation of Deslorelin in the azoospermia of the dog and the cat*".
- April 2008 -** **Research collaborator** with the University of Turin; project title: "*Artificial Insemination with frozen semen in canine species: comparison between intravaginal and intrauterine insemination and between different methods of freezing*".
- Jan2005/Jan2008-PhD student**, at the Department of Veterinary Clinical Science, Faculty of Veterinary Medicine, University of Padova.
- 2004-** DVM, Professional practice activity in veterinary clinics in Italy.
- 2003-** Habilitation to the Profession of Veterinary Surgeon.

Education and Training:

- 2003 -** **Degree in Veterinary Medicine** obtained at the University of Padova.
Thesis title: "*Comparison between two methods of canine semen freezing by analysis of motility, membrane and chromatin integrity*".

- 2006 - Stage at the Alfort Veterinary School at CERCA (Centre d'Etudes et Recherche en Carnivores) for 6 months, Supervisor: Dr. Alain Fontbonne.**
- 2008 - PhD degree** obtained with a thesis title: "*Improvement of quality of canine frozen-thawed semen. In vitro and in vivo assays*".
- January 2010- Stage presso AGRIS (Agenzia per la ricerca in agricoltura della regione Sardegna) Supervisor: dr. Maria Dattena.**
Main activities : Basic knowledge on biotechnologies of reproductions applied to small ruminants, semen collection and evaluation, pregnancy diagnosis, parturition.
- September 2010- Stage at UMES (Unité de médecine d'Élevage et du Sport), Ecole Vétérinaire Maisons-Alfort. Supervisor : Prof. Dominique Grandjean.**
- May 2011- Stage at service of Equine Reproduction, University of Pisa, Faculty of Veterinary Medicine Supervisor: prof. Francesco Camillo and dr. Alessandra Rota.**
Main activities : Ultrasound examination of follicular development, pregnancy diagnosis, collection, dilution, chilling of equine semen, artificial insemination, embryo-transfer, parturition monitoring.
- August 2013- Stage at Wilsonville Veterinary clinic – Oregon (USA) Supervisor : dr. Cheryl Lopate.**
Main activities :
Transcervical insemination with fresh, chilled and frozen-thawed semen, semen evaluation, ovulation monitoring and pregnancy diagnosis in the canine species ; induction of ovulation, c-section and neonatal resuscitation.
- 2014– Advanced course in “New techniques in molecular medicine”, University of Padova, under the supervision of prof. Alberto Ferlin.**

Teaching activities

- 2018-2019** course “Comparative animal reproduction, neonatology and breeding techniques” course of Animal Care- University of Padova (32hrs).
- Since 2008** hands on practice for 5th yr students of di laurea in Medicina Veterinaria- Università di Padova (70hrs).
- Since 2005** Clinical activity for veterinary service to the Veterinary Teaching hospital of the University of Padova, unit of small animal reproduction (responsible: Prof. Stefano Romagnoli and Prof. Antonio Mollo)
Activity: pathology of reproduction, ovulation monitoring, artificial insemination, pregnancy diagnosis, luteal phase monitoring, fetometry, semen evaluation, semen chilling, semen freezing , trans-cervical insemination, infertility, andrology, neonatology.

Tutor for PhD and Undergraduate students

Tutor for the graduation thesis of 10 undergraduate students and co-tutor for 6 undergraduate students belonging to the course of veterinary medicine

Tutoring and co-tutoring activity for two Phd student, and one post-doc student:

2010-2011	“Improvement of canine semen freezing by addition of antioxidants in canine semen extenders”, dr. Neagu Radu, Cluj-Napoca University post-doc externship (6 months activity), co-tutor
since 2012 to 2016	“Monitoraggio ecografico dell’apparto riproduttore e della progesteronemia durante la gestazione e la fase prepubere nei piccoli animali” dr.ssa Marta Cecchetto, tutor
2017-2018	“Effect of Long-term use of fish-oil on sperm quality and serum levels of testosterone in canine (Canis familiaris)” Dr. Marcelo Carvalho Santos, UENF, RJ, Brazil (1 yr activity), co-tutor

Research activities

The main interest research fields are described by the main research lines of publications:

- improvement of protocols of canine freezing semen
- improvement of ovulation and pregnancy monitoring for the estimation of the day of parturition
- endocrinology of pregnancy
- the role of microbiome in the fertility of the canine species

Publications

Full Papers: 23 (H index 10, 220 citations in Scopus)

Abstract in papers: 2

Proceeding abstracts: 41 abstracts presented at EVSSAR Congresses or Symposia between 2006-2018; **18** presented at Italian National congresses.

Research awards

Best SIRA poster (2018) – by Italian Society of Animal Reproduction dalla Società (SIRA) during the XVI congress (Torino, June 20-22) for: ***C-reactive protein and progesterone serum profile in the peripartum period of the bitch*** (Authors: Rota A, Artusi E, Dogliero A, Holst BS, Contiero B, Pregel P, Milani C).

Best student poster EVSSAR (2016): given at the 8th International Symposium of Canine and Feline Reproduction (Paris, June 22-25) for: ***Clinical Use of fetal gastrointestinal motility to predict parturition in the bitch***. (Authors: Artusi E, Milani C; Banzato T, Stelletta C, Cecchetto M, Mateus L, Romagnoli S)

Best clinical poster EVSSAR (2015): given during 18° EVSSAR Congress (Hannover, September 11-12) for: ***Duration of effect in adult queens treated with 9.4mg Deslorelin implant***. (Autori: Romagnoli S, Pedrotti V, Stelletta C, De Benedictis G, Baldan A, Milani C, Cecchetto M, Mollo A)

ISI Silver Award (2011): given by the Italian Society of Veterinary Laboratory Diagnostics (Si. Di. L.V.) for the congress contribution then published as full paper in an international peer-review journal: Rota A., Milani C., Corrà M., Drigo I., Borjesson S (2013). ***Misuse of antimicrobials and selection of Methicillin-resistant Staphylococcus pseudintermedius strains in breeding kennels: Genetic characterization of bacteria after a two-year interval*** *Reprod Dom Anim*,48:1-6, doi:10.1111/j.1439-0531.2012.02012.x.

ISI Gold Award (2010) given by the Italian Society of Veterinary Laboratory Diagnostics (Si. Di. L.V.) for the congress contribution then published as full paper in an international peer-review journal: Rota A., Milani C., Drigo I., Drigo M., Corrà M. ***Isolation of Methicillin resistant Staphylococcus pseudintermedius from breeding dogs***. *Theriogenology* (2012),75:115-121, doi:10.1016/j.theriogenology.2010.07.016.