



Salvatore Ferraro

Date of birth: 16/07/1983 | **Nationality:** Italian | **Gender:** Male | **Phone number:** (+39) 3792402230 (Mobile) | **Phone number:** (+46) 737315618 (Work) | **Email address:** salvatore.ferraro@slu.se | **Email address:** ferraro.vet@libero.it | **Facebook:** <https://www.facebook.com/toto.ferraro/> | **Whatsapp Messenger:** (+39) 3792402230 |

Address: Kvarnbogatan 2, 75239, Uppsala, Sweden (Home)

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	C2	C2	C2	C2	C1
ENGLISH	B2	C1	B2	B1	B2
SPANISH	B1	B1	A1	A1	A1
SWEDISH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: B

SKILLS

RStudio | Microsoft Word | Outlook | Microsoft Office | Microsoft Powerpoint | Zoom | Skype | Instagram

WORK EXPERIENCE

FACULTY OF VETERINARY MEDICINE, SWEDISH UNIVERSITY OF AGRICULTURAL SCIENCES – UPPSALA, SWEDEN
SENIOR CLINICIAN AND COORDINATOR AT THE RUMINANT CLINIC – 01/06/2022 – CURRENT

Coordination of the Ruminant Clinic at Swedish University of Agricultural Sciences (SLU)

Responsible for the overall organization and management of the Ruminant Clinic, including daily operations, staff coordination, and clinical case supervision. Key responsibilities include:

Clinic and Staff Management:

- Organizing daily tasks for stall personnel and veterinary staff.
- Planning and allocating clinical cases to veterinarians and students.
- Supervising 5th-year veterinary students, postgraduate students, Erasmus interns, and PhD candidates.
- Managing student attendance records and ensuring proper reporting to administrative offices.

Animal Care and Clinical Operations:

- Planning and allocating of incoming clinical cases.
- Scheduling animal nutrition and coordinating transports to and from the clinic.
- Performing clinical examinations, planning and supervising therapeutic plans, and conducting surgeries.
- Supervising and teaching students during clinical rotations, surgical procedures, and practical exercises (including lung ultrasonography in dairy calves for BRD monitoring, hoof trimming, and other hands-on clinical exercises).

Logistics and Supplies:

- Organisation and supervision of readiness of surgical room and surgery.
- Ordering drugs, food, and other necessary supplies for clinic operations.

Clinical Education and Case Management:

- Leading discussions of clinical findings, problem lists, differential diagnoses, and therapeutic plans for clinical cases.
- Guiding students through clinical exercises and case management, ensuring integration of theory and practice.

 **FACULTY OF VETERINARY MEDICINE, UNIVERSITÀ DEGLI STUDI DI TERAMO** – TERAMO, ITALY

VISITING PROFESSOR – 01/09/2025 – 31/12/2025

Delivering seminars at veterinary students in Bovine Medicine:

From Surgeon to Data Analyst: The Modern Bovine Practitioner in the 21st Century

This seminar explores the historical evolution of the veterinary bovine practitioner and highlights how today's bovine veterinarian must be equipped to address herd-level challenges in contemporary cattle farming.

Health and Management of Dairy Calves from Birth to Weaning

Although calves represent a farm's future investment, they are often overlooked because they do not produce milk, which can affect long-term productivity and sustainability. This seminar covers calf management from birth to weaning, focusing on colostrum intake and passive immunity transfer, nutrition, data analysis, and the prevention and management of neonatal diseases such as diarrhea and bronchopneumonia at both individual and herd levels.

Bovine Clinical Examination (Semiology)

This seminar covers the clinical examination of adult cattle and calves, with particular emphasis on history taking, general clinical examination, and detailed system-specific assessment.

Diseases of the Bovine Digestive System

This seminar addresses the various diseases of the bovine digestive system, with special emphasis on accurate diagnosis, effective treatment, and preventive strategies.

Diseases of the Neonatal Calf

Focusing on common diseases affecting neonatal calves, this seminar highlights conditions such as diarrhea and omphalitis, emphasizing diagnosis, treatment, and preventive measures to ensure calf health and optimal development.

Why Won't the Cow Eat?

This seminar focuses on the clinical reasoning process in evaluating anorexic cows. Students learn to systematically gather anamnesis, differentiate between likely and less likely causes of poor appetite, and develop comprehensive diagnostic and therapeutic plans, enhancing their ability to make informed clinical decisions in bovine medicine.

Urinary Tract Diseases in Ruminants

Focusing on urinary tract diseases in ruminants, which are often underestimated, this seminar equips students with the knowledge to recognize, diagnose, and manage these conditions effectively.

Respiratory Diseases in Cattle

Respiratory diseases are a leading cause of illness and death in cattle, affecting the sustainability of dairy and beef operations. This seminar explores the Bovine Respiratory Disease (BRD) complex, including its causes, treatment, and risk factor management, with special focus on lung ultrasonography as a diagnostic tool.

 **UNIVERSITY OF CALGARY** – CALGARY, CANADA

POSTDOCTORAL ASSOCIATE – 30/03/2019 – 13/09/2019

Postdoctoral research associate

Veterinarian charged to clinical examination and collection of the data of the dairy calves enrolled in a randomized clinical trial for a research project testing a vaccine for *Histophilus somni*

 **DÉPARTEMENT DE SCIENCES CLINIQUES, FACULTÉ DE MÉDECINE VÉTÉRINAIRE, UNIVERSITÉ DE MONTRÉAL** – SAINT HYACINTHE, CANADA

RESIDENCY ON BOVINE HEALTH MANAGEMENT/ STANDARD RESIDENCY PROGRAMME (SPR) FOR EUROPEAN COLLEGE BOVINE HEALTH AND MANAGEMENT – 01/01/2016 – 28/12/2018

Residency in Bovine Health Management

Faculté de Médecine Vétérinaire, Université de Montréal

During my residency, I gained extensive experience in both herd-level and individual ruminant medicine, participating in over 282 herd health visits, 494 individual clinical cases, and 30 necropsies. My responsibilities varied according to the rotation:

Population Medicine – Bovine Ambulatory Clinic:

- Analyzed herd data to assess demography, productivity, fertility, metabolic disorders (hyperketonemia, hypocalcemia), reproductive diseases (metritis, retained fetal membranes, ovarian cysts, endometritis), udder health (somatic cell counts, clinical mastitis, bacteriology), young stock growth and vaccination, and calf health (passive immunity, neonatal diarrhea, BRD, navel infections).
- Interpreted data, identified major problem areas, evaluated associated risk factors, and presented herd health plans to farmers.
- Participated in herd visits performing pregnancy checks, milk sampling, vaccinations, and metabolic/uterine disease monitoring.

Individual Ruminant Medicine – Bovine Ambulatory Clinic:

- Conducted clinical examinations, discussed clinical findings, generated problem lists and differential diagnoses, and developed diagnostic, therapeutic, or surgical plans for individual patients.

Veterinary Teaching Hospital:

- Managed reception and care of hospitalized cases assigned to my responsibility.
- Supervised 4th- and 5th-year veterinary students during clinical rotations.
- Oversaw daily management, treatment, and follow-up of hospitalized ruminants.

This residency provided comprehensive training in herd health management, clinical diagnostics, treatment planning, surgery, and teaching, integrating both practical and analytical skills in bovine medicine.

CABINET VÉTÉRINAIRE DE L' HÉMETIERE – SAINT AUBIN D'AUBIGNÉ , FRANCE

VETERINARIAN – 30/05/2015 – 28/06/2015

Bovine Practitioner

Dairy cattle 90% Beef cattle 10%

1. Common daily interventions: milk fever, clinical mastitis, clinical chetosis, tick borne disease and gastrointestinal disorders and parasitosis
2. Obstetrics (calving assistance, dystocia management, cesarean section, uterine prolapse resolution, foetotomy)
3. Surgery (left abomasal displacement, right abomasal displacement)
4. Bovine gynecology (ultrasound examination for the pregnancy check in the dairy herd)

CLINIQUE VÉTÉRINAIRE DU FRESNE – MESLAY-DU-MAINE, FRANCE

VETERINARIAN – 06/04/2015 – 27/05/2015

Bovine Practitioner

Dairy cattle 50% Beef cattle 50%

1. Common daily interventions: calf scour, bovine respiratory syndrome, calf omphalitis, gastrointestinal disorders and parasitosis
2. Obstetrics (calving assistance, dystocia management, cesarean section, uterine prolapse resolution, foetotomy)
3. Surgery (left abomasal displacement, right abomasal displacement)
4. Bovine gynecology (ultrasound examination for the pregnancy check in the dairy herd)
5. Blood sampling for the French national eradication plan for IBR, Brucellosis.

CABINET VÉTÉRINAIRE SELARL PARPINEL & VERLINDE – LUBERSAC, FRANCE

VETERINARIAN – 14/02/2015 – 02/04/2015

Bovine Practitioner

Beef Cows 100%

1. Common daily interventions: calf scour, bovine respiratory syndrome, calf omphalitis, gastrointestinal disorders and parasitosis
2. Obstetrics (calving assistance, dystocia management, cesarean section, uterine prolapse resolution, foetotomy)
3. Surgery (left abomasal displacement, right abomasal displacement)
4. Bovine gynecology (ultrasound examination for the pregnancy check in the dairy herd)
5. Blood sampling for the French national eradication plan for IBR, Brucellosis, Tuberculosis.

CLINIQUE VÉTÉRINAIRE DE LA PORTE D' AUGE – SAINT PIERRE SUR DIVES, FRANCE

VETERINARIAN – 29/09/2014 – 29/01/2015

Bovine Practitioner

Dairy cattle 50% Beef cattle 50%

Bovine Practitioner

Dairy cattle 80% Beef cattle 20%

1. Common daily interventions: calf scour, bovine respiratory syndrome, calf omphalitis, gastrointestinal disorders and parasitosis, clinical ketosis, milk fever, clinical mastitis, and tick born diseases.
2. Obstetrics (calving assistance, dystocia management, cesarean section, uterine prolapse resolution, foetotomy)
3. Surgery (left abomasal displacement, right abomasal displacement)
4. Bovine gynecology (ultrasound examination for the pregnancy check in the dairy herd)
5. Blood sampling for the French national eradication plan for IBR, Brucellosis, Partuberculosis.

🏠 **CLINIQUE VÉTÉRINAIRE VBN** – VILLERS BOCAGE, FRANCE

VETERINARIAN – 05/04/2014 – 13/07/2014

Bovine Practitioner

Dairy cattle 80% Beef cattle 20%

1. Common daily interventions: calf scour, bovine respiratory syndrome, calf omphalitis, gastrointestinal disorders and parasitosis, clinical ketosis, milk fever, clinical mastitis, and tick born diseases.
2. Obstetrics (calving assistance, dystocia management, cesarean section, uterine prolapse resolution, foetotomy)
3. Surgery (left abomasal displacement, right abomasal displacement)
4. Bovine gynecology (ultrasound examination for the pregnancy check in the dairy herd)
5. Blood sampling for the French national eradication plan for IBR, Brucellosis.

🏠 **FREELANCE** – CASTEL DI LUCIO, ITALY

BOVINE PRACTITIONER – 24/06/2010 – 24/03/2014

Bovine practitioner in Sicily.

Cow-calf operation 100%

1. common daily interventions: tick born diseases, calf scour, bovine respiratory syndrome,
2. clostridial prophylaxis, and anti-parasitical prophylaxis.

During my activities as bovine practitioner in Sicily I was appointed as consultant by the Municipality of Castel di Lucio, (Messina) Sicily, Italy for:

1. execution of the parasites prophylaxis in the herd present in the territory of the Castel di Lucio
2. advisor in the herds of the Municipality of Castel di Lucio for the control and eradication of bovine Brucellosis and Bovine Tuberculosis

Herd health consultant by Paganina, SARL, Roccabianca, Emilia-Romagna, Italy.

- Responsible for herd health and management on a dairy farm of around 2000 animals (Paganina arl, Roccabianca, Parma), my responsibilities were principally:

1. Mastitis herd control with eradication of *Staphylococcus aureus* and *Mycoplasma* spp.
2. Control of BVD-MD infection on the farm (vaccination protocol)
3. Calf management (Management of the colostrum, control of neonatal diseases)
4. Transition cow management
 - a. monitoring and treatment of metritis
5. fertility control of the herd
 - a. implementation of the use ovulatory and estrus synchronization protocol,
 - b. daily artificial insemination of the cow synchronised or detected in estrus
6. manual pregnancies check at the 40 days
7. daily management of the sick animals present in the hospital pen
8. bovine surgery (left and right abomasal displacement)
9. calving assistance

● EDUCATION AND TRAINING

16/12/2024 – CURRENT Messina

DOCTOR OF PHILOSOPHY (PHD) Departement of Veterinary Medicine, University of Messina

11/09/2023

DIPLOMA EUROPEAN COLLEGE BOVINE HEALTH MANAGEMENT European College Bovine Health Management

29/05/2023 Saint Hyacinthe, Canada

MASTER OF SCIENCE (VETERINARY SCIENCE, OPTION CLINICAL SCIENCE) Département de sciences cliniques, Faculté de médecine vétérinaire, Université de Montréal

29/03/2019 Saint Hyacinthe, Canada

DIPLOMA OF SPECIALIZED STUDIES/DIPLÔME D'ÉTUDES SPÉCIALISÉES (OPTION BOVINE HEALTH MANAGEMENT) Département de sciences cliniques, Faculté de médecine vétérinaire, Université de Montréal

02/10/2002 – 28/10/2008 Messina, Italy

DEGREE IN VETERINARY MEDICINE Faculty of Veterinary Medicine, University of Messina

● PUBLICATIONS

Publications as first author

1. Ferraro S, Villettaz-Robichaud M, Perrault AS, Arsenault J, Chorfi Y, Costa M, Dubuc J, Francoz D, Rousseau M, Fecteau G, Buczinski S. Dairy farm management factors associated with auction sale price of young dairy calves sold at auction markets in Québec, Canada-A cross-sectional study. *J Dairy Sci.* 2025 Jan;108(1):914-927. doi: 10.3168/jds.2024-24890.
2. Ferraro, S., Rousseau, M., Dufour, S., Dubuc, J., Roy, J.P., Desrochers, A. Evaluation of potassium monopersulfate footbath solution for controlling digital dermatitis in lactating dairy cattle: a randomized clinical trial. *Res Vet Sci.* 2024 Apr;170:105180.
3. Ferraro, S. Control of bovine digital dermatitis in a dairy herd: a herd case report. *Large Animal Review* 30 (1): 39-42.
4. Ferraro, S., Rousseau, M., Dufour, S., Dubuc, J., Roy, J.P., Desrochers, A. 2023. Evaluation of diagnostic accuracy of flexible borescope diagnosing digital dermatitis in milking parlor. *Large Animal Review* 29 (2):65-70.
5. Ferraro S., Fecteau G., Dubuc J., Francoz D., Rousseau M., Roy J-P, Buczinski S. 2021. Scoping review on clinical definition of bovine respiratory disease complex and related clinical signs in dairy cows. *J Dairy Sci* 104(6): 7095-7108.
6. Ferraro S., Desrochers A. 2020. Connaître et gérer le « piétin d'Italie » (How to know and to manage digital dermatitis). *La revue Le producteur de lait québécois.* 2020-12 PLQ 24-27.
7. Ferraro, S., Buczinski, S., Dufour, S., Rousseau, M., Dubuc, J., Roy, J.P., Desrochers, A. 2020. Bayesian assessment of diagnostic accuracy of a commercial borescope and of trimming chute exams for diagnosing digital dermatitis in dairy cows. *J Dairy Sci* 103, 3381-3391.
8. Ferraro, S., Desrochers, A., Nichols, S., Francoz, D., Babkine, M., Larde, H., Roy, J.P., Fecteau, G. 2020. Clinical characteristics, treatment, and outcome for cattle that developed retroperitoneal abscesses following paralumbar fossa laparotomy: 32 cases (1995-2017). *J Am Vet Med Assoc* 256, 814-821.
9. Ferraro S., Di Bella S., Danesi G., Profetto G. 2014. Improvement of reproductive performances in dairy cattle by working difficult management conditions. *Summa, Animali da Reddito* 9 (5):45-50.
10. Ferraro S., Zani D., Pravettoni D. 2009 . A foreign body that is not found. *Large Animal Review* 15 (2): 94.

Publications as co-author

1. Capuzzello G., Nelli L., Ferreira Mendes Â.J., Schembari G., Randall L., Hudson C., **Ferraro S.** Prevalence and distribution of hoof lesions in Southern Italian dairy farms adopting regular hoof trimming between 2016-2020. A retrospective observational study. Submitted to *Journal of Dairy Science*, manuscript JDS.2025-27558.
2. Capuzzello G., Vanhoudt A., Viora L., **Ferraro S.** Approaching the management and control of bovine digital dermatitis (BDD) in a large dairy herd. *Veterinary Record Case Reports - Manuscript ID vetreccr-2025-003201.* Second submission.
3. Princival L., Boccardo A., Pravettoni D., **Ferraro S.**, Valarcher J-F, Gomes V., Fecteau G., Buczinski S. Agreement of specific lung sounds auscultation by veterinarians for the detection of calf bronchopneumonia. *Journal of Veterinary Internal Medicine.* Manuscript JVIM-25-117.R2, Second submission (minor revision).
4. Capuzzello G., **Ferraro S.**, Mendes A., Schembari G. Lesioni podali e pareggio regolare in uno studio italiano. *Bianconero*, Nov-Dec. 2024, pp 66-67. <https://online.fliphtml5.com/mflpa/zhph/index.html#p=66>
5. Buczinski S., Fecteau G., Perrault A.S., **Ferraro S.**, Arsenault J., Chorfi Y., Costa M., Dubuc J., Francoz D., Rousseau M., Villettaz-Robichaud M. Dairy farm management factors associated with clinical observations in young dairy calves sold at auction markets in Québec, Canada: A cross-sectional study. *J Dairy Sci.* 2025 Feb 20:S0022-0302(25)00111-0. doi: 10.3168/jds.2024-26118.
6. Boccardo, A., **Ferraro S.**, Sala G., Ferrulli V., Pravettoni D., Buczinski S.. 2023. Bayesian evaluation of the accuracy of a thoracic auscultation scoring system in dairy calves with bronchopneumonia using a standard lung sound nomenclature. *J Vet Intern Med* 37(4):1603-1613.
7. Ramos, J. S., Villettaz-Robichaud M., Arsenault J., Chorfi Y., Costa M., Dubuc J., **Ferraro S.**, Francoz D., Rousseau M., Fecteau G., Buczinski S.. 2023. Health indicators in surplus calves at the time of arrival at auction markets: Associations with distance from farms of origin in Québec, Canada. *J Dairy Sci* 106(10):7089-7103.
8. Buczinski, S., Fecteau G., Cichocki M., **Ferraro S.**, Arsenault J., Chorfi Y., Costa M., Dubuc J., Francoz D., Rousseau M., Villettaz-Robichaud M. 2022. Development of a multivariable prediction model to identify dairy calves too young to be transported to auction markets in Canada using simple physical examination and body weight. *J Dairy Sci* 105(7):6144-6154.
9. Pravettoni, D., Sala, G., Coppoletta, E., **Ferraro, S.**, Masotti, C., Belloli, A., Boccardo, A. 2020. Case report: use of a plastic-coated catheter for transtracheal wash in 37 dairy calves affected by respiratory disease complex: *Large Animal Review* 26 (4): 195-200.
10. Buczinski S., **Ferraro S.**, Vandeweerd JM. 2018. Assessment of systematic reviews and meta-analyses available for bovine and equine veterinarians and quality of abstract reporting: A scoping review. *Prev Vet Med.* Dec 1; 161:50-59
11. Macri F., Lanteri G., Ferraro S., Marino G., Mazzullo G. 2013. *Acardius acephalus* in a goat kid – radiological and gross findings: a case report. *Veterinari Medicina* 58,(11): 591–593
12. Sfacteria A., Lanteri G., Agricola S., **Ferraro S.**, Macri B., Mazzullo G. 2009. Nutritional muscular dystrophy in lambs: clinico-pathological study in a Sicilian farm. *Large Animal Review* 15 (10):211-214

● ORAL PRESENTATIONS AT CONFERENCES, CONGRESS, MEETING

Oral presentations at conferences, congress, meeting

As first author:

1. **Ferraro S.**, Lindholm D., Holmlund A., Ekholm M., Ntallaris T. The role of calving assistance in mitigating the reproductive impact of dystocia in dairy cows. 28th Annual ESDAR Conference and 3rd ECAR Symposium. 11-13 September 2025. Varna. Bulgaria.
2. **Ferraro S.**, Villettaz-Robichaud M., Perrault A., Fecteau G., Buczinski S. Evaluation of the association between health status and other risk factors and low sale price in Québec veal calf markets. 4-8 September 2022. 31th World Buiatric Congress. Madrid. Spain.
3. **Ferraro S.**, Gnemmi G. Ecografia trans-addominale dell'utero durante il post-partum. (Assessment of uterine involution using trans-abdominal ultrasounds). 23-27 November 2020. S.I.B virtual week 2020. On-line event. Società Italiana di Buiatria.
4. **Ferraro S.**, Évaluation des facteurs de risque à la ferme d'origine associées au prix de vente des veaux à l'encan. (Assesment of risk factors associated to calves' price at auction market). Meeting Gresabo (Groupe de recherche en santé bovine - Cattle health research group), 14 December 2020. On-line event
5. **Ferraro S.**, Desrochers A., Nichols S., Francoz D., Babkine M., Larde H., Roy J.P., Fecteau G. Diagnosi e gestione degli ascessi retroperitoneali nei bovini (Diagnosis and management of retroperitoneal abscesses in cattle). 23-27 November 2020. S.I.B virtual week 2020. On-line event. Società Italiana di Buiatria.
6. **Ferraro S.**, Vandeweerd J-M., Buczinski S. Assessment of a tool to evaluate the methodological quality of large animal systematic reviews. 12 October 2018, 50th National Congress of the Società Italiana di Buiatria, ECBHM Residency Symposium, Bologna, Italy.
7. **Ferraro S.**, Rousseau M., Dufour S., Dubuc J., Roy J-P, Desrochers A. Assessment of a borescope to diagnose bovine digital dermatitis in the milking parlor. 12 October 2018, 50th National Congress of the Italian Association for Buiatrics, ECBHM Residency Symposium, Bologna, Italy.
8. **Ferraro S.**, Rousseau M., Dufour S., Dubuc J., Roy J-P, Desrochers A. Assessment of a commercial borescope to evaluate the presence of lesions of digital dermatitis in dairy cows. 14 September 2018, 51th Annual Conference of the American Association of Bovine Practitioners, Phoenix, Arizona, USA ,14 September 2018 Phoenix, AZ, USA.
9. **Ferraro S.**, Desrochers A., Nichols S., Francoz D, Babkine M., Lardé H., Fecteau G. Retrospective study of retroperitoneal abscess in cattle. 4th forum research, Cogress of AMVPQ, 23 September 2017, Rivière du Loup, Québec, Canada.

As coauthor:

1. Capuzzello G., Mendes A. J. F., Schembari G., **Ferraro S.** Prevalence of hoof lesions in sicilian dairy farms adopting regular hoof trimming: a retrospective observational study(2016-2020). Lameness in Ruminants. Venice, 16-20 September 2024.
2. Boccardo A., Sala G., **Ferraro S.**, Ferrulli V., Pravettoni D., Belloli A. Diagnostic accuracy of a clearly defined increased bronchial sound and ultrasonography to detect lobar pneumonia (lung consolidation) in dairy calves affected by the bovine respiratory disease—a Bayesian approach. 23-26 June 2021. 74th Annual Conference of Società Italiana Scienze Veterinarie (SISVET). On-line event.

● POSTERS PRESENTED AT CONFERENCES

Posters presented at conferences

As first author:

1. Ferraro S., Rousseau M., Dufour S., Dubuc J., Roy J-P, Desrochers A. Assessment of potassium monopersulfate as a disinfectant solution for footbath to control digital dermatitis in dairy cows. 4-8 September 2022. 31th World Buiatric Congress. Madrid. Spain.
2. Ferraro S., Villettaz-Robichaud M., Fecteau G., Arsenault J., Costa M., Chorfi Y., Dubuc J., Francoz D., Rousseau M., Buczinski S.. Évaluation du bien-être des veaux laitiers lors de la vente aux encans (Evaluation of surplus calves' well-being at auction market). 44th Symposium sur les bovins laitiers. On-line event. 3-4 November 2020
3. Ferraro S., Desrochers A., Nichols S., Francoz D, Babkine M., Lardé H., Fecteau G. Retrospective study of retroperitoneal abscess in cattle. 50th Annual Conference of the American Association of Bovine Practioners, Omaha, Nebraska, 15 September 2017, Omaha, Nebraska

As coauthor:

1. Häggglund S., Ferraro S., Mansouryan Tabaei I., Gazeev S., Olzen A., Widegren M., Matiasek K., Olsen E. Andersson G. and Valarcher J.F. Bovine spastic syndrome. European Buiatrics Congress and ECBHM Jubilee Symposium 2023. 24-26 August 2023, Berlin, Germany
2. Tucci A., Marino G., Macri F., Ferraro S., Lanteri G., Mazzullo G. Acardius Achephalus in a goat kid. VII congress Italian Society of Animal Reproduction, 3 July 2009, Messina, Sicily, Italy

● **STAGES, WORKSHOPS, EXTERNSHIPS ATTENDED**

Stages, workshops, externships attended

1. 04/11/2018 to 10/11/2018, Food animal veterinary student externship in Alberta (feedlot health management), Okotoks, Alberta, Canada
2. 16/04/2018 to 11/05/2018, Herd health rotation, Faculty of Veterinary Medicine, Nottingham, UK
3. 13/02/2017 to 17/02/2017, Saputo dairy cattle welfare rotation, Ontario Veterinary College, Guelph, Ontario, Canada
4. 24-25/02/2012 Workshop of Bovine reproduction ultrasounds, BOVINEVET, Ornavasso, Italy
5. 20-21/02/2012 Workshop of bovine surgery ,BOVINEVET, Ornavasso,Italy
6. 1/12/2010-21/12/2010 Stage in reproduction and management of dairy herds, EMBRIOVET, Verolanuova, Italy
7. 14/01/2009 – 4/01/2009, Stage in large animals medicine, Clinic for ruminants, Swine and Management, Large Animal Veterinary Teaching Hospital, University of Milan, Milano, Italy
8. 7/12/2008-23/12/2008 Stage in reproduction and management of dairy herds, Ragusa, Italy

● **CONFERENCES ATTENDED**

Conferences attended

1. 14/05/2025 to 16/05/2025, Journées des GTV and European Buiatric Congress, Nantes, France.
2. 07/11/2019 to 08/11/2019, 51th National Congress of the Italian Association for Buiatrics, Parma, Italy
3. 13/09/2018 to 15/09/2018, 51th Annual Conference of the American Association of Bovine Practitioners, Phoenix, Arizona, USA
4. 10/10/2018 to 13/10/2018, 50th National Congress of the Italian Association for Buiatrics, Bologna, Italy
5. 02/10/2018, Immunology Update, Sheraton Cavalier, Calgary, Alberta, Canada
6. 23/09/2017, Congres of AMVPQ, Rivière du Loup, Québec, Canada
7. 14/09/2017 to 16/09/2017, 50th Annual Conference of the American Association of Bovine Practitioners, Omaha, Nebraska,USA

● **PEDAGOGIC COURSE FOR TEACHING IN HIGH SCHOOL EDUCATION**

13/09/2023 – 11/11/2023

Teaching in higher education (basic course)

Intended learnings outcome of the course:

- Reflect upon the role of the teacher, for example one's understanding of knowledge and how to treat students
- Describe how you as a teacher can integrate sustainable development, gender equality, and internationalization perspectives into your teaching
- Plan diverse teaching activities/sessions, justifying the choice of intended learning outcomes, assessment methods, and teaching and learning activities
- Describe your department's position in the university's organisation and reflect upon your department's culture and learning environment in relation to your work as a teacher
- Examine the university's organisation and learning environment in relation to the function(s) and role of the teacher
- Communicate a message through an oral presentation
- Critically examine a teaching situation to identify what works, what doesn't, and suggest solutions to teaching challenges
- Describe how groups function in different educational situations

12/04/2023

Course in grading and assesement

Learning outcomes:

- Discuss the difference between different grading systems;
- Describe methods for writing grading criteria;
- Present an example of grading criteria for a specific course;
- Discuss evaluation from a gender equality perspective.

● **LECTURES TO THE UNDERGRDUATE VETERINAR STUDENTS**

2025 – CURRENT

Neonatal calves diseases I

Course Objective

The objective of this course is to teach students the epidemiology, clinical signs, therapy, and prevention of neonatal calf diarrhea

Intended Learning Outcomes

After completing this course, students are expected to be able to:

- Recognize the clinical signs of neonatal calf diarrhea.
- Diagnose and manage neonatal calf diarrhea, understanding its treatment options and preventive measures.

2025 – CURRENT

Neonatal calves diseases II

Course Objective

The objective of this course is to teach students the epidemiology, clinical signs, therapy, and prevention of major neonatal calf diseases, including septicemia, meningitis, septic arthritis, omphalitis and umbilical hernias, necrobacillosis, and recurrent bloat.

Intended Learning Outcomes

After completing this course, students are expected to be able to:

- Recognize the clinical signs of the most important neonatal calf diseases: septicemia, meningitis, septic arthritis, omphalitis and umbilical hernias, necrobacillosis, and recurrent bloat.
- Diagnose and manage these conditions, understanding their treatment options and preventive measures.

2024 – CURRENT

Hematologic diseases in ruminants

Course objective

The objective of this course is to teach students about epidemiology, clinical signs, therapy and prevention of the hematologic diseases in ruminants.

Intendend learning outcomes

After following this course is expected that the student will be able to:

- to recognize the clinical signs that indicate the presence of a hematologic disease in ruminants
- to manage the most commons and important diseases involving the hemo-lymphatic sistem in ruminants.

2023 – CURRENT

Cardiovascular diseases in ruminants

Course objective

The objective of this course is to teach students about epidemiology, clinical signs, therapy and prevention of the cardiovascular diseases in ruminants.

Intendend learning outcomes

After following this course is expected that the student will be able to:

- to recognize the clinical signs that indicate the presence of a cardiovascular disease in ruminants
- to diagnose and to manage the major cardiovascular diseases in ruminants

2024 – CURRENT

Skin diseases in ruminants

Course Objective

The objective of this course is to teach students about epidemiology, clinical signs, therapy and prevention of skin diseases in ruminants.

Intendend learning outcomes

After following this course is expected that the student will be able to:

- to recognize the clinical signs that indicate the presence of a hematologic disease in the ruminants
- to manage the most commons and important diseases involving the skin disease in ruminants

2023 – CURRENT

Urinary tract diseases in ruminants

Course Objective

The objective of this course is to teach students about epidemiology, clinical signs, therapy and prevention of the urinar tract diseases in ruminants.

Intendend learning outcomes

After following this course is expected that the student will be able to:

- to recognize the clinical signs that indicate the presence of a disease of the urinary tract in ruminants
- to manage the most commons and important diseases involving the urinary tract in ruminants

2024 – CURRENT

Preparation of the surgical set in daily bovine practice

Course Objective

The objective of this course is to give to the students theoretical bases to prepare a bovine for surgery in the daily bovine practice.

Intendend learning outcomes

After this course the students will be able to prepare the patient for surgery in the field and implement the measures to reduce the risk of the surgical site infection.

● THESIS

Evaluation of the management practices of French Canadian dairy farms associated with the price of surplus calves at marketing

Master's thesis for obtaining the degree of Master of science. Original title: 'Évaluation des pratiques d'élevage des fermes laitières au Québec qui sont des facteurs de risque du prix des veaux laitiers lors de la vente à l'encan'.

Acardius achephalus in a kid: morphopatological observation and pathogenetic consideration

Master's thesis for obtaining the degree od Doctor in Veterinary Medicine. Original title: 'Acardius Acephalus in un capretto: osservazioni morfopatologiche e considerazioni patogenetiche'

● CO-SUPERVISION OF MASTER'S DEGREE THESES

Studio epidemiologico delle lesioni podali negli allevamenti di bovini da latte in lombardia/ Epidemiological study of the feet lesions in the dairy herds in Lombardy

Master's thesis for obtaining the degree od Doctor in Veterinary Medicine at the Faculty of Veterinary Medicine, University of Milan

Supervisor: Prof. Dr: Davide Pravettoni

Co-supervisor: Andrea Casellato and Salvatore Ferraro

● INVITED CONFERENCE

03/04/2025

Build the future. Management of the neonatal calf.

Empowering Farmers to Close the Loop with Regenerative Agriculture Practices through VET, RELOOP, Project No: 2023-1-SE01-KA220-VET-000160614

20/02/2020

Gestione sanitaria del vitello da latte dalla nascita allo svezzamento/Calf health management from the birth to the weaning.

4th Master on Dairy Production Medicine. Faculty of Veterinary Medicine. Università di Perugia. On-line event.

● SEMINARS UNDER GRADUATE STUDENTS

2025 - CURRENT

Calves health management

Seminar Objective

The objective of this seminar is to teach students how to analyze and interpret data related to calf health, with a focus on hygiene, navel health, the bovine respiratory disease (BRD) complex, joint health, and growth.

Intended Learning Outcomes

By the end of this seminar, students will be able to:

- Analyze, synthesize, and interpret data related to calf health.
- Identify potential problem areas within the calf management system.
- Develop a **SMART** action plan (Specific, Measurable, Achievable, Relevant, Time-bound) to address identified issues and improve overall calf health and performance.

2025 - CURRENT

Why Won't the Cow Eat?

This seminar focuses on the clinical reasoning process when evaluating anorexic cow. The objective is to teach students how to systematically collect anamnesis, differentiate between likely and less likely causes of poor appetite, and develop both a diagnostic and therapeutic plan. Through this structured approach, students will enhance their ability to make informed clinical decisions in bovine medicine.e here the description...

2024

Flock diseases seminar

The objective of this seminar is to discuss with the students how to diagnose and manage the most common flock disease as lameness, lamb mortality, sudden death, metabolic diseases in sheep.

Intendend learning outcomes.

After this seminar student is able to diagnose a flock problem in sheep, collect and manage data about the cases and to plan controlling and preventing measures regarding the most common flock disease in sheep.

● **SUPERVISION OF MASTER'S DEGREE THESES**

Ultrasonography of the normal heart and liver in adult alpacas (*Vicugna pacos*). Technique, appearance and cardiac dimensions in 2D-ultrasound

Material surrounding alpacas is also scarce and further research is necessary in order to improve knowledge and the ability to treat these animals. Ultrasound is a useful, non-invasive diagnostic tool that can be carried out in the field. While studies applying ultrasound for alpacas have been done for some organs, the documentation of clinically healthy, adult hearts and livers of alpacas has not yet. In order to establish reference material of the normal, this project examined healthy alpaca hearts and livers, describing technique, appearance and measured cardiac dimensions in 2D-ultrasound.

Analysis of lung sounds in calves (original title: 'Analys av lungljud hos kalvar')

The aim of this research project is to analyze normal and pathological lung sounds in calves. The hypothesis of this research project is that normal lung sounds have different characteristics (frequency, amplitude, and timbre) compared to pathological lung sounds.

● **HERD HEALTH PRACTICAL TRAINING WITH UNDERGRADUATE STUDENTS**

2024 – CURRENT

Herd health visit

The goal of this practical exercise is to teach veterinary students how to collect data on dairy cows' body condition score, rumen fill, lameness, and comfort.

2025 – CURRENT

calves herd health evaluation

The objective of this practical exercise is to teach the student how to collect data related to calf health, specifically the assessment of passive immunity transfer, hygiene, umbilical and joint health, respiratory disease screening using a scoring chart, the use of lung ultrasonography, and the evaluation of calf growth after weaning.

● **PEER REVIEWER FOR VETERINARY SCIENTIFIC JOURNALS**

Peer reviewer for veterinary scientific journals

Journal of dairy Science

Animals

Open Veterinary Record

Vaccines

BMC Veterinary Research

Acta Veterinaria Scandinavica

Large Animal Review

American Journal of Veterinary Internal Medicine