

PERSONAL INFORMATION

FRANCESCO FERRUCCI



+ 39 02 50331129

francesco.ferrucci@unimi.it

<http://www.vespa.unimi.it/ecm/home>

Sex M | Date of birth 30/10/1963 | Nationality Italian

WORK EXPERIENCE

(from 2010 to present)

ASSOCIATE PROFESSOR

Sector VET/08 VETERINARY INTERNAL MEDICINE

Università degli Studi di Milano – Department of Veterinary Sciences for Health, Animal Science and Food Safety (VESPA)

TEACHING ACTIVITY

- Teacher of the Course “Equine Internal Medicine” (Integrated Course in Veterinary Internal Medicine – Degree Course in Veterinary Medicine)
- Teacher of the Course “Veterinary Management of Sport Horses” (Degree Course in Veterinary Medicine)
- Teacher of the Course “Ultrasonography and Endoscopy of Companion animals (small animals and sport horses) (Degree Course in Veterinary Medicine)
- Teacher of the Course “Metabolic and Functional evaluation of Athletic Horses” (Degree Course in Animal Welfare)
- Teacher of the Master School in Equine Medicine and Surgery
- Tutor of the Internship in Equine Medicine
- Tutor of DVM Degree, Master and PhD dissertations
- Tutor of the school-work alternation

RESEARCH ACTIVITY

- Responsible for the research project “Evaluation of inhalatory Amikacin efficacy in sport horses with Inflammatory airway disease (IAD)”
- Responsabile del progetto di ricerca “Evaluation of Gastrocure administration in sport horses with gastric ulceration (EGUS)”
- Responsible for the research project “Antioxidant activity of Hyaluronic acid investigated by means of chemiluminescence of equine neutrophil bursts and electron paramagnetic resonance (EPR) spectroscopy”
- Collaborator in the research project “Within-breath input impedance by impulsive oscillometry in severely asthmatic horses”
- Collaborator in the research project “Pulmonary artery remodeling reversibility in an equine model of asthma”
- Coordinator of the project “The horse as an animal model for the treatment of respiratory disorders by means of extra-fetal stem cells”
- Tutor of PhD student Giovanni Stancari (XXIII Cycle) “Evaluation of electromyographic activity of thyrohyoideus muscle (TH) and ultrasonographic assessment of the position of the hyoid apparatus at rest and their possible role in the pathogenesis of intermittent dorsal displacement of the soft palate (DDSP) in racehorses”
- Tutor of PhD student Serena Ceriotti (XXX Cycle) “Ghrelin biological effects on equine joint metabolism by determination of its anti-inflammatory effect on equine chondrocyte cultures”
- Tutor of PhD student Luca Stucchi (XXXII Cycle) “Are epigenetic alterations contributing to equine asthma severity?”
- Tutor of the research grant project by Dr. Giovanni Stancari “Anti-oxidant activity of several plant extracts measured by magnetic resonance spectroscopy (MRS) and chemiluminescence of equine

neutrophils”

CLINICAL ACTIVITY

- Responsible for the clinical activities of the Equine Medicine Unit, Department of Internal Medicine, Veterinary Teaching Hospital

(from 2001 to 2010)

ASSISTANT PROFESSOR

Sector VET/08 VETERINARY INTERNAL MEDICINE

Università degli Studi di Milano – Department of Veterinary Clinical Sciences

TEACHING ACTIVITY

- Teacher of the Course “Veterinary Medical Treatment” (Track in Equine Internal Medicine, Degree Course in Veterinary Medicine): 2002-2004
- Teacher of the Course “Gastroenterology” (Track in Equine Internal Medicine, Degree Course in Veterinary Medicine): 2004-2005
- Teacher of the Course “Clinical endocrinology” (Track in Equine Internal Medicine, Degree Course in Veterinary Medicine): 2004-2005
- Adjunct Professor of the Course “Diagnostic imaging” (Integrated Course in Veterinary Semiotics – Degree Course in Veterinary Medicine): 2005-2009
- Tutor of the Internship in Equine Medicine
- Tutor and co-tutor of DVM Degree dissertations

RESEARCH ACTIVITY

- Responsible for the PUR-First 2002 grant “Use of a pectin-lecithin complex for the treatment of gastric ulceration in sport horses”
- Responsible for the PUR-FIRST 2003 grant “Epidemiologic study on the main causes of poor performance related to disorders of the upper and lower respiratory tract in race hoes and their relationship with plasma lactate metabolism”
- Collaborator to the PUR-FIRST funded project 2003 “Phenotypical and functional analysis of leukocyte sub-populations of bronchoalveolar lavage fluid in sport horses with exercise induced pulmonary hemorrhage”
- Collaborator to the PUR-FIRST funded project 2003 “Determination of Troponin-T reference intervals in horses with different cardiac disorders”
- Collaborator to the PRIN 2003 funded project “Non-steroidal anti-inflammatory drugs in sport horses: kinetic activity and tolerance under different metabolic conditions”
- Collaborator to the PUR-FIRST 2003 funded project “Troponin-I at rest and after exercise in standardbred trotters with dynamic arrhythmias”
- Responsible for the PUR-FIRST 2004-2005 funded project: “Conservative treatment of guttural pouch mycosis in horses”
- Tutor for the project “The use of electromyography for the diagnosis of neuromuscular disorders in sport horses” by PhD student Giovanni Stancari (XXIII Cycle)

CLINICAL ACTIVITY

- Vice-responsible for the clinical activities of the Department of Equine Medicine, Azienda Polo Veterinario di Lodi (Large Animal Veterinary Teaching Hospital)
- Responsible for the “Equine Macro-area”, Azienda Polo Veterinario di Lodi (Large Animal Veterinary Teaching Hospital), with the task of tutoring the clinical activities of veterinary fellows in equine patients (medicine, surgery and reproduction)

(from 2000 to 2001)

FUNDED RESEARCH FELLOW

Sector VET/08 VETERINARY INTERNAL MEDICINE

Università degli Studi di Milano – Institute of Veterinary Internal Medicine

RESEARCH ACTIVITY

- Responsible for the funded project “Use of an high speed treadmill for poor performance due to respiratory causes evaluation in young race horses (standardbred trotters and thoroughbreds) in

training”

TEACHING ACTIVITY

- Veterinary students tutoring for their degree dissertation
- Lecturer and clinical trainer for the Courses of Veterinary Internal Medicine and Veterinary Semiotics (Degree Course in Veterinary Medicine)

CLINICAL ACTIVITY

- Collaborates to the clinical activities in the fields of equine internal medicine and equine sports medicine at the Institute of Veterinary Internal Medicine

(from 1998 to 2000)

POST PhD SCHOLARSHIP

Sector VET/08 VETERINARY INTERNAL MEDICINE

Università degli Studi di Milano – Institute of Veterinary Internal Medicine

RESEARCH ACTIVITIES

- Responsible for the funded project “Evaluation of inflammatory airway disease (IAD) impact on the athletic performance of young standardbred trotters in training by means of an high speed”
- Collaborates to the research project “Laryngeal movements during the respiratory cycle measured with an endoscopic imaging technique in the conscious horse at rest”
- Collaborates to the research project “Relationship between the conditions of lower airways in healthy horses, environmental factors and air quality in stables”

TEACHING ACTIVITY

- Veterinary students tutoring for their degree dissertation
- Lecturer and clinical trainer for the Courses of Veterinary Internal Medicine, Veterinary Semiotics and Laboratory Diagnostic Medicine (Degree Course in Veterinary Medicine)

CLINICAL ACTIVITY

- Collaborates to the clinical activities in the fields of equine internal medicine and equine sports medicine at the Institute of Veterinary Internal Medicine

(from 1994 to 1997)

PhD STUDENT

Sector VET/08 VETERINARY INTERNAL MEDICINE

Università degli Studi di Milano – Institute of Veterinary Internal Medicine

RESEARCH ACTIVITY

- Works at the PhD project “Bronchoalveolar lavage for the diagnosis of lung disorders in calves: use of a trans-endoscopic technique”
- Responsible for the research project “The use of bronchoalveolar lavage for the evaluation of respiratory conditions in the equine athlete”
- Collaborates in the research activities at the Milan Public Aquarium for the project “Clinical evaluation of thyroid hyperplasia in captive *Scyliorhinus canicula*”

TEACHING ACTIVITIES

- Veterinary students tutoring for their degree dissertation
- Lecturer and clinical trainer for the Courses of Veterinary Internal Medicine, Veterinary Semiotics and Laboratory Diagnostic Medicine, Veterinary Hygiene (Degree Course in Veterinary Medicine) and for the Master School in Equine Pathology

CLINICAL ACTIVITY

- Collaborates to the clinical activities in the fields of equine internal medicine and equine sports

(from 1991 to 1994)

- medicine at the Institute of Veterinary Internal Medicine
- Veterinary consultant at the Milan Public Aquarium

VETERINARY PRACTITIONER

Milan, Italy

- Private practitioner in the field of equine medicine
- Collaborates to the official prophylaxis of Equine Infectious Anemia upon authorization of the regional authority (ASL n. 53, Crema, Italy)
- Veterinary Fiduciary for the Regional Committee of the Italian Federation for Equestrian Sports (F.I.S.E.)

Università degli Studi di Milano – Dipartimento di Scienze Veterinarie per la Salute, la Produzione Animale e la Sicurezza Alimentare (VESPA)

ATTIVITA' DIDATTICA

EDUCATION AND TRAINING

- 1997 **PhD in Veterinary Clinical Sciences**
Università degli Studi di Milano
- 1996 **Veterinary Fellow**
Klinik für Pferde, Tierärztliche Hochschule, Hannover (Germany)
- 1992 **EU Course in Equine Laboratory Diagnostic Medicine**
Irish Equine Centre - University College, Dublin (Ireland)
- 1991 **Veterinary College Fellowship**
College of Veterinary Surgeons of the province of Milan (n. 1853)
- 1990 **Degree in Veterinary Medicine**
Università degli Studi di Milano
- 1982 **High School Diploma**
Liceo Scientifico "B. Pascal" - Milano

PERSONAL SKILLS

Mother tongue Italian

Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
Spanish	B2	B2	B2	B2	B2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- Good communication skills and high propension to collaborate, in terms of integration, harmonization and cohesiveness with the workgroup. Such skills and competences brought to the build-up of collaboration relationships within national and international networks, which produced both scientific papers and congress participations.
- Principal collaborations: Laboratoire de Recherche sur l’Asthme équine, Université de Montreal (Canada); Istituto di Bioimmagini e Fisiologia Molecolare, CNR, Milano; Dipartimento di Biotecnologie Mediche e Medicina Traslazionale, Università degli Studi di Milano; Centro di Farmacologia Respiratoria, Facoltà di Medicina, Università di Milano; Centro de Medicina Deportiva Equina, Universidad de Cordoba (Spain); Dipartimento di Elettronica, Informazione e Bioingegneria, Laboratorio di Tecnologie Biomediche, Politecnico di Milano; Milan Public Aquarium; Federazione Italiana Sport Equestri; Italian Association for Equestrian Rehabilitation; Facoltà di Medicina Veterinaria, Università di Perugia; Faculty of Veterinary Medicine, Ondokuz Mayıs University, Samsun (Turkey)
- National and international Congress speaker
- Invited speaker to national and international congresses, courses and seminars

Organisational skills

- Director of the Master School in Equine Medicine and Surgery (from 2016 to present), Università degli Studi di Milano
- Teaching coordinator of the Master School in Equine Medicine and Surgery (from 2010 to 2015), Università degli Studi di Milano
- President of the Teachers Council of the Master School in in Equine Medicine and Surgery
- Member of the Teachers Council of the Master School in Animal Food Science
- Founder Member and component of the Management Committee of the Italian Society of Veterinary Internal Medicine (SICliMVet)
- Scientific coordinator of the research Lab in Equine Sports Medicine “Franco Tradati”, VESPA Department, Università degli Studi di Milano
- Head of the Equine Medicine Unit, Department of General and Specialized Medicine, Centro Clinico Veterinario e Zootecnico Sperimentale (Veterinary Teaching Hospital), Università degli Studi di Milano
- Member of the of the Teachers Council of the PhD School in Veterinary Clinical Sciences, Università degli Studi di Milano (from 2005 to 2012)
- Component of the Managing Council of the PhD School in Veterinary and Animal Sciences, Università degli Studi di Milano (from 2016 to 2018)
- Member of the Teachers Council of the PhD School in Veterinary and Animal Sciences, Università degli Studi di Milano (from 2013 to present)
- Component of the Committee for the admission tests to the Degree Course in Veterinary Medicine, Università degli Studi di Milano
- Component of the Didactic Commission, Inter-departmental Teachers Committee for Veterinary Medicine, Università degli Studi di Milano
- Component of the Internship Commission, Inter-departmental Teachers Committee for Veterinary Medicine, Università degli Studi di Milano

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- good command of office suite (word processor, spread sheet, presentation software)
- basic command of database search systems (CAB Abstracts, CAB Reviews)
- good command of citational search systems (Web of Science, Scopus)
- good command of software (Mendeley) for saving and organizing citations, and for citations input in the text

Other skills Referee for the Journals: Journal of Equine Veterinary Science, Italian Journal of Animal Science, Ippologia, International Journal of Health, Animal Science and Food Safety, Journal of Animal Science and Research

Driving licence B

ADDITIONAL INFORMATION

Publications Author of several publications on indexed journals (Scopus, Web of Science). Orcid number: 0000-0002-7285-9880

Memberships

- Italian Society of Veterinary Internal Medicine (SICliMVET)
- Italian Society of Veterinary Sciences (SISVet)
- British Equine Veterinary Association (BEVA)
- Association for Equine Sports Medicine (AESM)

ANNEXES

▪ List of publications.

Milan, February 6th 2019