

#### Education:

October 2001 – Doctor of Veterinary Medicine degree (110/110 cum lode) from University of Perugia – Italy.

From January to April 2002 - Apprenticeship at the University of Zaragoza, Spain.

June 2002: Veterinary Professional Italian License at University of Perugia.

January 2005 - PhD degree from University of Perugia.

July 2008 – Specialization degree in “Food inspection” at University of Perugia.

#### Teaching experiences:

2001-2010: tutorial activities towards students of Anatomy of domestic animals for the courses of Veterinary Medicine at University of Perugia.

2004: tutor of the “General and Special Veterinary Histology and Embryology” course at University of Perugia.

2011/2012: lecturer of Veterinary Anatomy for the course of Biotechnology at the Faculty of Mathematical, physical and natural sciences at University of Perugia.

2012-2014: lecturer of Anatomy for the course of Biotechnology at the Faculty of Mathematical, physical and natural sciences at University of Perugia.

2014-2016: lecturer of Osteology, arthrology and myology of domestic animals and Bird and rodent Anatomy for the course of Veterinary Medicine at University of Perugia.

From 2016/2017: lecturer of Principles of anatomy for the course of Biotechnology at the Department of Chemistry, Biology and Biotechnology at University of Perugia.

From 2017/2018: lecturer of Livestock anatomy for the course of Animal productions at University of Perugia.

From 2018/2019: lecturer of Anatomy of birds and laboratory animals for the course of Veterinary Medicine at University of Perugia.

From 2020/2021: lecturer of Anatomy of aquatic animals of zootechnical interest for the course of Animal productions at University of Perugia.

#### Research activity and position:

2001 - 2004: Research Doctorates (Ph.D.) course in “Physiopathology and medicine of domestic animals”.

2004 - 2008 - Research assistant with the project: “Identification and localization of stem cells in domestic animal hair follicles”.

May 2009 - December 2010: research fellow funded by Regione Umbria.

From December 2010: researcher for the scientific area of Veterinary Anatomy VET/01 at the Department of Veterinary Medicine, University of Perugia.

From December 2015: Associate Professor for the scientific area of Veterinary Anatomy VET/01 at the Department of Veterinary Medicine, University of Perugia.

Reviewer for several scientific journals and member of two scientific associations: Italian Association of Veterinary Morphologists (AMV) and Italian Society of Veterinary Sciences (SISVet).

From 2017: member of the scientific committee of the Italian Association of Veterinary Morphologists (AMV-APS).

From 2020: Review Editor of the speciality section Animal Reproduction – Theriogenology of Frontiers in Veterinary Science

2020: Guest Editor of the Special Issue " The World of Adipokines: Their Presence and Distribution in the Organism and Their Relevance in Veterinary Medicine" in Animals.

#### Main topics of the research activity:

Study of the bio-morphological aspects of the hair follicle of domestic animals: identification of epithelial and dermal stem populations of the hair follicle.

Identification and localization of peptides and related receptors involved in the food intake control

at the level of the digestive system, integumentary system, reproductive system and other apparatus in domestic and wild animals.

Cytomorphological characterization and therapeutic use of mesenchymal stem cells in domestic animals.