




# Isabella, MANENTI

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 San Paolo d'Argon (BG)

## JOB EXPERIENCE

11/2021 – today  
*Grugliasco, Italy*

**PhD student in Veterinary Sciences for Animal Health and Food Safety**  
Veterinary Science Department, University of Turin

The PhD project aims to determine which c-miRNAs are expressed and if c-miRNAs profiles in the blood reflect the stress vulnerability of sheep. A second goal is to correlate c-miRNAs with animal health in particular in relationship with the reproductive status, often affected by stress factors.

11/2020 – 10/2021  
*Grugliasco, Italy*

**Scholarship researcher**  
Veterinary Science Department, University of Turin

- Extraction of and evaluation of hormone profiles (estradiol, progesterone, cortisol) from different matrices (plasma, saliva)
- Behavioral analysis from video recordings
- Extraction and analysis of c-miRNAs from ovine plasma

2016 – 2017  
*Filicudi, Brancaleone, Italy*

**Assistant to the monitoring and protection of wild marine fauna**  
Marine recovery and safeguard centers

- Feeding, cleaning and monitoring of turtles recovered in the center
- Wildlife monitoring at sea
- Awareness and involvement of tourists in conservation projects

## EDUCATION

02/2020 – 12/2020  
*Padua, Italy*

**Animal Welfare Ethics certificate**  
University of Padua

10/2017 – 04/2020  
*Turin, Italy*

**Master's Degree with honors in Evolution of Animal and Human Behaviour**  
University of Turin

04/2019 – 09/2019  
*Turin, Italy*

**Teaching certificate of 24cfu**  
University of Turin

10/2013 – 02/2017  
*Milan, Italy*

**Bachelor's Degree in Biological Sciences**  
University of Milan, Bicocca

09/2008 – 06/2013  
*Bergamo, Italy*

**Classical high school diploma**  
Liceo Classico Statale Paolo Sarpi

## LANGUAGES

**Italian:** native, **English:** Independent User

## SOFTWARE

OFFICE

PRAAT, BORIS, R, SPSS, QGIS

## PRIZES AND AWARDS

**Subject Expert in Veterinary Physiology** – Verbale n.21 del 15 dicembre 2021 del Consiglio di Dipartimento di Scienze Veterinarie dell'Università degli Studi di Torino.

## RESEARCH PRODUCTS

1. Viola I., Toschi P., **Manenti I.**, Accornero P., Baratta M. *Modulatory role of mTOR in trophoblast adaptive response in the early stage of placentation in sheep*. 2023; *Reproduction*, 165(3):313-324, doi:10.1530/REP-22-0356. PMID: 36602917.
2. Viola I., **Manenti I.**, Accornero P., Baratta M., Toschi P. *mTOR signalling pathway as a key-modulator in placenta development: cell functionality and gene expression of trophoblast adaptive response during the early stage of pregnancy in sheep*. Proceedings of 18th European Placenta Group IFPA meeting. Paris, France, 25<sup>th</sup>-27<sup>th</sup> November 2022.
3. Ogun S., Viola I., Obertino M., **Manenti I.**, Ala U., Brugiapaglia A., Battaglini L., Perona G., Baratta M. *Using sensors to detect individual responses of lambs during transport and pre-slaughter handling and their relationship with meat quality*. 2022; *Animal Welfare*, 31(4), 505-516. doi:10.7120/09627286.31.4.010
4. **Manenti I.**, Macchi E., Baratta M., Miretti S., Viola I., Toschi P., Cornale P. *Does hormonal profile influence behaviors in pubescent ewes?* Poster at 75° Convegno SISVET. Lodi, Italy, 15<sup>th</sup>-18<sup>th</sup> June 2022.