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#### Education:

- PhD student in Animal and Food Science (2025 - )
- Master's degree in animal science and technology (2021 - 2023)
- Bachelor's degree Animal farming and health (veterinary technician) (2018 - 2021)

#### Research areas:

- Animal breeding and genetics;
- Resilience;
- Novel traits;
- Fitness traits;
- Autochthonous breed.

#### Brief description of Ph.D project:

The aim of the PhD project is to analyse and propose novel fitness-related traits that enhance animal welfare, resilience, and sustainability through the application of genetic and genomic tools. This project will also involve a comprehensive analysis of existing traits and their correlations, aiming to identify opportunities for

genetic improvement. In collaboration with national breeders' associations, both genetic and genomic information will be used to develop new breeding strategies for local cattle breeds. By integrating advanced genetic insights, the research seeks to create innovative strategies for optimizing animal health and productivity within sustainable farming systems.

Supervisor:

Professor Roberto Mantovani

Publications: Google scholar link

[https://scholar.google.com/citations?view\\_op=list\\_works&hl=it&user=-g930CIAAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=it&user=-g930CIAAAAJ)