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Nationality: Italian
Date of birth: 06/05/1993
Place of birth: Valdobbiadene (TV), Italy

Education:

- PhD student in Animal and Food Science (2022-)
- Master's degree in biotechnologies for Food Science (2017-2019)
- Bachelor's degree in food science and Technology (2012-2016)

Research areas:

- Omics science
- Animal welfare
- Sustainable production
- Quality of animal products

Brief description of Ph.D project:

Nowadays, one of the biggest challenges is to improve the sustainability of livestock production. This aim can be achieved by placing great emphasis on animal welfare, ensuring good animal health and thus good production capacities.

In this context, omics technologies allow to analyze a large amount of data representing the structure and function of the makeup of a specific biological

system and to uncover the physiological and molecular mechanisms underlying different phenotypic manifestations.

Thus, this PhD project will focus on the application of omics technologies to different aspects related to animal welfare and sustainability of animal production, including the animal response to disease and the effects of precision livestock farming on the quality of animal products.

Supervisor:

Prof. Luigi Gallo

Co-supervisor:

Dr. Sara Pegolo

Publications: Google scholar link

<https://scholar.google.it/citations?user=0ethLN0AAAAJ&hl=it>