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Nationality: Italian

Date of birth: 24/04/1992

Place of birth: Monza (MB), Italy

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#### Education:

- PhD student in Animal and Food Science (2022- )
- Master's degree in Biotechnologies for Food Science (2018-2020)
- Bachelor's degree in Foodservice Science and Technology (2015-2018)

#### Research areas:

- Animal welfare and nutrition
- Omics science
- Quality of animal products

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

Nowadays, population growth and various climate changes make the choice of a correct feeding strategy a critical point in livestock supply chains. This PhD program aims to evaluate the influence of different feeding strategies on growth performance, feed efficiency, carcass and ham quality in heavy pigs. In vivo trials will be conducted with groups of pigs fed using automated feeding stations,

permitting the measurements of the feeding behavior and feed consumption on an individual and daily basis. Pigs will be weighed and the backfat will be measured every two weeks. Data will be used to evaluate the growth curves of chemical body constituents, the residual feed intake with increasing age. Energy and amino acid requirements will be determined. The influence of the feeding treatments on the fresh and dry-cured ham quality will be evaluated, even by considering the microbial populations on the ham surface during seasoning.

Supervisor:

Professor Stefano Schiavon

Co-supervisor:

Dr. Diana Giannuzzi

Publications: Google scholar link

<https://scholar.google.com/citations?hl=it&pli=1&authuser=2&user=dkKbwa4AAA>  
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