



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

## Curriculum Vitae

Family Name: Gentile

Given Name: Giulia

Nationality: Italian

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### Education:

- PhD in Animal and Food Science, Università di Padova (2018-continued)
- Master student in Animal production sciences and technologies , University of Pisa
- Bachelor student in Animal production sciences and technologies, University of Padova

### Research areas:

- Animal feeding and nutrition
- Ruminal microbiome
- Milk and dairy products
- Ruminal fermentation
- Strategies to reduce methane emission

**PhD Program:**

The PhD project will be focused on the evaluation of milk production and dairy products in relation to the impact on the environment and human health.

The specific aims of the 3 years program are:

- To Investigate the acidic profile of milk and its implications on dairy products quality and on the human health;
- To study the relationships between the composition of the diet, the milk quality and the potential emission of pollutants in the environment (methane, nitrogen, phosphorus);
- To develop in vitro systems to study the rumen microbial utilization of dietary fatty acids and their availability for the ruminants.

**Supervisor:**

Franco Tagliapietra