



UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

## Curriculum Vitae

Family Name: Cortese

Given name: Martina

Nationality: Italian

Date of birth: 10/12/1991

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### Education:

- Degree in Veterinary Medicine
- PhD student in Animal and Food Science

### Research areas:

- Improvement of animal health, welfare and performances of beef cattle and dairy cow.
- Implementation and control of cattle nutrition

### PhD project:

My Ph.D. project deals with Precision Livestock Farming. In particular, my studies are focused on the improvement of health and welfare of beef cattle and dairy cow. We are testing technologies such as rumination sensors, ventilation systems and gas detection devices on farm. We are also studying precision feeding programs in order to improve productions and at the same time ensuring environmental sustainability.

**Supervisor:**

Giorgio Marchesini

**Publications:**

Marchesini G, Cortese M, Mottaran D, Ricci R, Serva L, Contiero B, Severino S, Andrighetto I. Effects of axial and ceiling fans on environmental conditions, performance and rumination in beef cattle during the early fattening period, *Livestock Science* (2018), doi: 10.1016/j.livsci.2018.06.009