

---

**Form (ENG):**                      **AGR18 – Animal Feeding and Nutrition**                      **Year: 2016**

---

Representative:              Stefano Schiavon              Full professor              [stefano.schiavon@unipd.it](mailto:stefano.schiavon@unipd.it)

Components:                  Franco Tagliapietra              Associate professor              [franco.tagliapietra@unipd.it](mailto:franco.tagliapietra@unipd.it)

---

**N. Research: main topics and strategic initiatives**

**Notes**

---

01 Strategies to improve the technical, economical and environmental sustainability of food production of animal origin

---

02 In vivo and in vitro study of rumen activity: degradability of feed and diets, characterization of microbial population and of fermentation products

---

**Laboratory:** stalls, La-Chi laboratory for chemical and biological analysis

---

**Species:** pigs, dairy cow and beef cattle

---

**Technologies/Methodologies:** Gas chromatography GCxGC; Ankom Gas production technique; Daisy, "Ion Torrent" next-generation sequencing

---

**Main ERC fields and subfields:** L9

---

**Notes:**