First name/Surname: Filippo Rigo
Telephone: +39 3479850960
E-mail: filippo.rigo@studenti.unipd.it
Nationality: Italy
Date of birth: 27/06/1988
Place of birth: Mirano (VE), Italy

Education:
- PhD student in Animal and Food Science (2023)
- Qualification for Animal productions teaching in high school for agriculture (2020)
- Veterinary medicine degree and Doctor in veterinary medicine (2013)

Research areas:
- Dairy Farms sustainability
- Dairy farms management
- Animal welfare
- Reduction in antibiotics use

The Ph.D project aims at analyzing the possibility for dairy cattle farms to increase their sustainability as the major challenge they have to face in the next future.

Since the historical to actual more accreditate definition for sustainability we assume it's composed not only of environmental aspects but also of economic and social ones. In the last few years the European Commission published guidelines for reduction in antimicrobial use and Welfare in dairy cows scientific opinion, affecting barns' future management. Thus to investigate in this direction the project will be set in three branches, considering different aspects of dairy farming sustainability.

1) The research will focus on evaluation of the use of platelet lysate, in the dry off phase as an alternative to antibiotics used as prevention tools. This challenge could be a feasible way to reduce the consumption of antimicrobials at the farm level increasing in environmental sustainability.

2) Investigate in dairy farms economical and social risks related to the changes of the legislation in force animal protection of farms which likely will force a future prohibition of single housing systems (e. g. tie-stall).

3) Develop and test interventions focused on udder health, foot problem and hypofertility control and newborn calves better management, in order to improve dairy cattle welfare. This measure will become available to Veneto Region farmers.

Supervisor:
Professor Flaviana Gottardo

Publications: Google scholar link
https://scholar.google.com/citations?user=DBiKnb8AAAAJ&hl=it