

# Special Issue

## New Insights into the Milk

### Message from the Guest Editors

A number of factors can influence the yield and physicochemical characteristics of milk. Some of them are linked to the animal, while others are related to the environment.

In general, the first requirement for all types of milk and dairy products is safety. Milk for direct consumption also needs further hygienic, nutritional and technological features. On the other hand, suitable aptitude to rennet-coagulation is the basic requirement for milk intended for cheese-making, as it affects cheese yield and quality. Caseins content (and their genetic variants), titratable acidity and pH, mineral profile, somatic cells count, and microbiological profile concur, individually or in synergy between them.

From a nutritional point of view, milk and dairy products are important sources of nutrients for humans. New information on the influence of genetic, physiological, pathological, environmental, and technological factors on the quality characteristics of milk and dairy products, should contribute to the progress of the sector.

This Special Issue is, therefore, open to all contributions that aim to increase our knowledge about the different aspects of milk quality.

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### Guest Editors

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Prof. Dr. Massimo Malacarne

Dr. Piero Franceschi

Dr. Milena Brasca

Prof. Dr. Andrea Summer

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### Deadline for manuscript submissions

closed (30 September 2021)



## Animals

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### Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 2.7 (2024, ranks 15/86 (Q1) in 'Agriculture, Dairy & Animal Science'; 21/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.2.

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