

## Special Issue

# Metabolism and Milk Quality in Dairy Cows: Dietary Influences and Transcriptomic Insights

### Message from the Guest Editor

The effect of diets on the metabolism and milk quality of dairy cows continues to attract the attention of researchers. Some dietary components present bioactives that can affect, among others, the transcriptome of various organs, including the mammary gland, liver, and adipose tissue. This Special Issue aims to cover the latest discoveries on the role of nutrition and bioactive compounds present in the diet of dairy cows on their metabolism and milk quality, with a special emphasis on their effects on the transcriptome. Review and original research manuscripts on studies conducted *in vitro* or *in vivo* are welcome as contributions to this Special Issue.

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### Guest Editor

Dr. Massimo Bionaz

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### Deadline for manuscript submissions

closed (20 December 2025)



## Biomolecules

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Impact Factor 4.8  
CiteScore 9.2  
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### Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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