



Metabolites in Ruminant Health

Guest Editor:

Dr. Diming Wang

MoE Key Laboratory of Molecular
Animal Nutrition, Institute of
Dairy Science, College of Animal
Sciences, Zhejiang University,
Hangzhou 310058, China

Deadline for manuscript
submissions:

31 October 2024

Message from the Guest Editor

Dear Colleagues,

Metabolites are products/intermediates of biological systems. The vital role of metabolites has been highlighted due to their multitude of biological functions, such as energy generation, signaling conduction, epigenetic alteration and cofactor activity. In ruminants, metabolite-based research has been widely conducted, and their value in homeostasis evaluation, disease diagnosis, nutritional regulation and animal food functionality has been partly revealed.

This Special Issue of *Metabolites*, “Metabolites in Ruminant Health”, will be dedicated to dealing with the role of metabolites concerned with homeostasis of various of ruminants, including cattle, sheep and goats. This Special Issue is intended to publish results focused on the diagnosis or regulatory roles of various metabolites in ruminant health and sustainable production, with different biological tools and novel analysis concepts.

Dr. Diming Wang
Guest Editor





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergy and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPUS / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Biochemistry & Molecular Biology*) / CiteScore - Q2 (*Endocrinology, Diabetes and Metabolism*)

Contact Us

Metabolites Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/metabolites
metabolites@mdpi.com
X@MetabolitesMDPI