

Topical Collection

Metabolic Effects of Animal Growth Promoters

Message from the Collection Editor

This Topic Collection aims to explore the influences of growth promoters on these metabolic events, including metabolites, enzymes, genes and regulators, and their contributions to animal growth and health. Because diverse metabolic events occur in the complex and multi-step process of converting the nutrients in feed to the body mass of production animals, coverage of this Topic Collection includes, but is not limited to, the following topics:

- Metabolic fates of growth promoters;
- Effects of growth promoters on digestion, absorption, distribution and metabolism of nutrients;
- Effects of growth promoters on microbial metabolism;
- Effects of growth promoters on nutrient metabolism and redox balance.

Collection Editor

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About the Journal

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.

Editor-in-Chief

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Author Benefits

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Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).