Special Issue

Animal Nutritional Metabolism and Toxicosis Disease

Message from the Guest Editor

The field of study of this Special Issue includes animals and fish. The main research content focuses on nutritional metabolic disorders, including dysregulation of autoregulation and foodborne overintake or underintake. The focus of this publication is animal toxicosis-related research content, especially new environmental toxicants, to explore the relevant pathogenic mechanism and harm to animals. We welcome research dedicated to dealing with the digestion, absorption, transport, and metabolism of carbohydrates, amino acids, lipids, vitamins, minerals, organic acids, alkaloids, and drugs, as well as metabolomics, lipidomics, and the crosstalk between gastrointestinal microbiota and the host involved in nutritional and metabolic diseases in animals. This Special Issue is not only intended for results of studies about nutritional and metabolic diseases in domestic animals and in vitro models but is also open to results of studies from cell and animal models for human nutritional and metabolic diseases.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)

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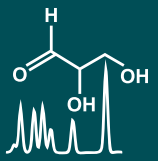

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About the Journal

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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