

Special Issue

The Role of Metabolism-Related Pathways in Animal Growth, Development, Disease and Behavior

Message from the Guest Editor

Metabolism-related pathways, such as lipid metabolism pathway, insulin signaling pathway, and AMP-activated protein kinase pathway, are currently in the spotlight due to their broad impact on animal growth, development, energy balance, and behavior, all of which occur through a complex network of interactions. In-depth studies of the molecular mechanisms and intrinsic connections of these metabolic pathways will enhance our understanding of their critical roles in animal growth, development, and behavior. In light of this, led by , and assisted by Dr. Hui Yuan (Northeast Agricultural University), the objective of this Special Issue is to collect reports on the role of metabolism-related pathways in animal growth, development, disease, and behavior. We invite researchers to submit original research articles, opinion papers, reviews, and short communications that present current findings and future directions related to metabolism-related pathways. We look forward to receiving your valuable submissions.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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