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Intestinal Health and Metabolites in Farm Animals

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Message from the Guest Editors

Dear Colleagues,

The intestine is one of the most vulnerable organs to oxidative stress and inflammation. The intestinal or bacterial metabolites could potentially affect the health status and growth performance of farm animals by ameliorating oxidative stress and inflammation.

For this Special Issue of *Metabolites*, we invite authors to submit relevant manuscripts (research or review papers) on the nutrition, growth, and intestinal/bacterial metabolites of farm animals. Potential topics include, but are not limited to, the following: (1) the effects of novel functional compounds, nutritional strategy, and feeding technology on animal growth and intestinal health, and (2) the potential mechanism of the bacterial/intestinal metabolites participating in affecting animal growth, epithelial barrier, microbiota, oxidative stress, and inflammation. We hope that your valuable input will enrich current knowledge and practical approaches to the production of farm animals.

Dr. Qian Jiang
Dr. Junquan Tian
Guest Editors



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Special Issue



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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.

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