



Research on Lipid Metabolism in Animals

Guest Editors:

Dr. Bing Han

Dr. Lihong Zhao

Dr. Zhenlong Wang

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Message from the Guest Editors

Lipid metabolism is important for animals and can affect the health of animals. For layers, lipid metabolism could affect their egg quality; for poultry and swine, lipid metabolism could affect the quality of meat; for pets, lipid metabolism could affect the obesity status and health. Thus, lipid metabolism and its related metabolites (e.g., bile acid, cholesterol, etc.) are all of great significance for different kinds of animals, and even could affect the gut microbiota of animals.

The Special Issue of *Metabolites*, entitled “Research in Lipid Metabolism in Animals”, aims to focus on the lipid metabolism for different animals (livestock, aquaculture, and pets), including the interactions between lipid metabolism and gut microbiota and lipid-related metabolic diseases, such as obesity, and related liver diseases. In addition, research on the metabolism of other nutrients in animals is also welcome.





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Editor-in-Chief

Dr. Amedeo Lonardo

Internal Medicine, Ospedale
Civile di Baggiovara, Azienda
Ospedaliero-Universitaria, 41126
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.

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Contact Us

Metabolites Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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