



Nutritional Metabolic or Clinical Diseases in Mammals and Poultry

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Message from the Guest Editors

Animal metabolic disease is a complicated issue that can occur in a variety of species. Treating animal metabolic disease does not only require more specific knowledge in the featured anatomical structures of the animals, but it also requires us to understand how to regulate their metabolic routines. The intricacy of metabolic disease in animals is very outstanding, requiring the use of multiplexing methods and/or techniques for its profiling. Actually, how to clarify a certain or a type of metabolic disease in animals is also a problem that still needs to be solved. Importantly, animal health is closely associated with rearing conditions. Therefore, finding clinical diagnostic methods and applications in livestock and poultry is a challenging issue, which is not restricted to the internal factors of the animal itself but also includes other external influencing factors.

This issue is not only intended for application areas in basic research (animal or cell models) but also aims to report the results of clinical diagnostic studies of basic diagnosis and pathogens. In addition, novel tools, data analysis and calculated methods are welcome.





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Editor-in-Chief

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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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