



Livestock and Poultry Metabolomics

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closed (31 January 2023)

Message from the Guest Editors

From the 2000s, metabolomics approaches have been useful for identifying and quantifying a large number of small endogenous and exogenous metabolites from biological samples in the animal production and veterinary medicine fields. Metabolomics is a tool that can be applied to a wider range of disciplines for livestock and poultry research as well as for husbandry and medical practices, helping scientists, veterinarians, farmers, and other animal industry players.

In this Special Issue, we intent to aggregate new scientific information related to the following (non-exclusive) key topics in livestock and poultry: biomarkers (in general); food and nutritional analysis/assessment; breeding traits and animal fertility; disease mechanisms; disease propensity; disease diagnosis; diagnostic laboratory testing; animal health assessment; toxicology, including xenobiotics; drug pharmacokinetics and pharmacodynamics; environmental factors or impacts; bioproduct characterization; milk quality; meat quality; and carcass merit assessment.

We invite the global scientific community to contribute with basic and applied research, reviews, and meta-analyses in order to reach this goal.





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Editor-in-Chief

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Message from the Editor-in-Chief

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