Proteomics in Veterinary Research and Zoonotic Diseases

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Deadline for manuscript submissions:
closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Proteomics allows the full characterization of protein content in complex matrices. A tissue or a biological fluid can represent the matrix, and it is possible to uncover the nature, relative abundance, and related post-translational modifications of such a dynamic proteome.

The application of proteomics to veterinary medicine is able to simultaneously provide important information about the modulation of thousands of proteins and to define cause–effect relationships between expression and post-translational modifications of proteins in healthy and diseased conditions. Moreover, it can be used to rapidly assess animal welfare through fast profiling, to evaluate food safety in animal products, and to investigate the complex relationship between the host and the pathogenic or nonpathogenic microbial communities.

In the light of these premises, we invite investigators to provide their contributions under the form of review articles or original research articles. The final aim is to provide a collection of contributions to the knowledge in veterinary medicine on the topic of proteomics.

Dr. Alessio Soggiu
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SpecialIssue

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Message from the Editor-in-Chief

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