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## Recent Advances in Rapid Detection of Animal Virus

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### Message from the Guest Editors

Thus far, early monitoring is one of the most important solutions to prevent and control some animal diseases (ASF, PRRS, Brucellosis, AIV, etc.). At present, TaqMan-based real-time quantitative PCR (RT-PCR) and enzyme-linked immunosorbent assay (ELISA) are the most widely used immunological and molecular diagnostic methods in EU reference laboratories and OIE. However, the methods mentioned above require sending samples inside the farm to professional or third-party testing laboratories, which requires a longer time to obtain the testing results. Moreover, long-distance moving of biological samples can also lead to higher biological security risks. Therefore, it is critical to make an accurate diagnosis at the site of infection.

The aim of this Special Issue is to publish original research papers or reviews concerning rapid detection of animal virus. With the help of fast and sensitive on-site detection technology, the establishment of rapid and efficient virus detection methods will not only contribute to disease prevention and control, prevent the spread and spread of the epidemic, but also save time and labor costs, which can be widely used in the field.



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# Special Issue



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## Message from the Editor-in-Chief

*Animals* is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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