

## Special Issue

# Genetic and Epigenetic Mechanisms of Animals Retrovirus Diseases

### Message from the Guest Editors

Retroviruses can cause many animal diseases, including avian leukemia virus (ALV) and avian reticulosis virus (REV). Because retroviruses are easy to mutate, so far, there is no effective vaccine for diseases caused by such kinds of viruses, such as avian leukemia.

Therefore, avian leukemia is still prevalent and is one of the main threats to poultry production. Interestingly, recent studies have found that there are many endogenous retrovirus sequences with high homology with exogenous retrovirus in the animal genome, but its functions, especially its antiviral function, need to be identified. In order to effectively control the diseases caused by retroviruses, it is very important to study the genetic and epigenetic mechanisms of pathogenesis and the interaction between retrovirus and the host. This Special Issue aims to study the genetic and epigenetic mechanisms of animal diseases caused by retroviruses and animal antiviral phenotypes. Original research articles and reviews are welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 December 2022)



## Veterinary Sciences

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### Message from the Editor-in-Chief

Veterinary Sciences (ISSN 2306-7381) is an international and interdisciplinary scholarly open access journal that aims at publishing research in all fields of veterinary medicine in a democratic way. We encourage scientists to publish their original research articles, reviews, communications, and short notes in as much detail as possible. Articles submitted that involve subjecting animals to unnecessary pain or suffering will not be accepted, and all articles must be submitted with the necessary ethical approval (please refer to the Ethical Guidelines for more information).

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