

Special Issue

Endogenous Retroviruses: Functions at Molecular Level

Message from the Guest Editor

Endogenous retrovirus genes have become inserted in the human genome for more than one million years. These retroviruses are now inactivated due to mutations, such as deletions or nonsense mutations. After mutation, retroviruses eventually become fixed in the genome in their endogenous form and exist as traces of ancient viruses. Recent studies have shown that these ancient traces of retrovirus still play important roles related to normal physiological function and certain diseases, including cancer. Moreover, endogenous retroviruses regulate host immune systems and interact with active exogenous viruses. In this Special Issue, studies of not only disease-related functions, but also normal physiological functions of endogenous viruses, will be addressed at the molecular level

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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