

Special Issue

Endogenous Retrovirus Proteins and Their Functions

Message from the Guest Editor

Even though endogenous retroviruses (ERVs) represent an important component of the genomes of several species, a substantial amount of information is lacking in terms of their diverse functions. ERV envelope proteins have been studied in several mammalian species regarding their role in mammalian placenta, and the regulation of their expression has also been a focus of previous and ongoing research efforts. These proteins have been examined in terms of changes in their expression in various obstetric disorders, but have been further implicated in other cell-fusion processes and various human diseases. The aim of this Special Issue of *Viruses* is to compile the newest contributions on ERV envelope proteins and known functions, as well as more recent roles. Evolutionary aspects underlying their appearance in different mammalian species, functional consideration related to placental function and their use as potential diagnostic markers towards various placental disorders represent a selection of topics that can be of relevance to the community involved in ERV research and of interest to a wider audience.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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