

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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Deadline for manuscript submissions

closed (1 October 2023)



Viruses

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Impact Factor 3.5
CiteScore 7.7
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mdpi.com/si/116938

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