



Molecular Mechanisms of Viral Persistence and Immune Evasion

Guest Editor:

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Message from the Guest Editor

DNA and RNA viruses may be (re-)emerging human pathogens, such as HIV, HCV, HBV, herpes, and SARS-CoV-2, which has caused the global pandemic known as COVID-19. Several viruses have developed mechanisms of viral persistence and immune evasion, which may help to overtake both the early phase of the host immune response and the long-term protection against invading viral infections. The impact of novel mechanisms of viral persistence and immune evasion in (re-)emerging human pathogens might be underestimated.

In this Special Issue, we invite you to send contributions concerning molecular mechanisms of viral persistence and immune evasion of (re-)emerging DNA and RNA viruses. We welcome contributions that include, but are not limited to, the following topics:

- Mechanisms of viral pathogenesis, persistence and/or immune evasion;
- Immune responses in viral-infected individuals;
- Viral–host interactions and mechanisms to evade the immune response;
- Mechanisms of innate sensing of viral infections in host cells and tissues;
- Discovery of novel therapeutic targets or compounds to overcome viral persistence and/or immune evasion.





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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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