

Special Issue

Biology of Viral Surface Glycoproteins

Message from the Guest Editors

The surface glycoproteins of enveloped viruses play a major role in this process as they drive virus contact with host cell surface receptors and penetration into the cytosol. Viral surface glycoproteins are also the primary targets of innate and adaptive immunity. In this Special Issue of *Viruses*, we would like to include opinions, reviews, and research articles that together not only provide a glance into the latest research in virus glycoprotein structure, virus–receptor interactions, and viral fusion, but also highlight the major achievements in the field of biology of virus surface glycoproteins made in recent years. Studies on any aspect of the folding, maturation, glycans, and structure of viral glycoproteins are welcome, including novel technological approaches. Invited are also functional studies that provide new insights into the way viral glycoproteins contribute to signaling, penetration, fusion, and escape from immune effectors and responses. With this Special Issue, we aim to offer a space for enthusiastic discussions on future directions of research on viral glycoproteins and promote some areas that are understudied or emerging.

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