

Special Issue

Viral Infection of Polarized Cells

Message from the Guest Editor

Certain eukaryotic cells are characterized by a pronounced intrinsic polarity to their structure. Polarized epithelial cells, such as those lining much of the respiratory tract and gut, have an apical cell surface that is exposed to the lumen, and a basolateral surface that is in contact with adjacent cells and the underlying basement membrane. Neurons are another type of polarized cell, with axons being structurally and functionally distinct from the neuronal cell body. The interactions of viruses with polarized cells reflect the distinct nature of the polarized surfaces and internal polarized structure of these cells. Deciphering the mechanisms underlying these interactions is important for a comprehensive understanding of how viruses infect their host. The goal of this Special Issue, which is open to all types of manuscripts (e.g., research articles, methods papers, reviews), is to highlight new discoveries regarding interactions of viruses with polarized cells, including specialized techniques that aid in such studies.

Guest Editor

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Editor-in-Chief

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