Special Issue

HIV and Host Interactions

Message from the Guest Editors

HIV and human defense mechanisms have coevolved to neutralize each other. In the course of infection, HIV exploits the cellular equipment and inhibits the action of antiviral proteins (termed restriction factors). There is considerable heterogeneity in the clinical course of HIV infection. These individuals exhibit immunological and genetic features that confer upon them a natural resistance to infection and/or disease progression. The study of these correlates of protection is valuable because the reasons responsible for the devastating immune deficiency of HIV-1 infection are not entirely known, nor are we aware of why the potent antiviral immune response eventually fails to control viral replication. The discovery of molecular profiles and mechanisms distinctive of these individuals could also provide new insights to control HIV infection and contribute to the development of new antivirals and hopefully vaccines against AIDS.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/61396

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Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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