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HIV and Host Interactions

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Message from the Guest Editors

Dear Colleagues,

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.

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Guest Editors



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