

Invited speaker presentation

Novel cellular processes that regulate post-transcriptional expression of HIV-1 transcripts

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5'-capping is an early mRNA modification that has important consequences for downstream events in gene expression such as pre-mRNA synthesis and splicing, mRNA cytoplasmic transport, translation, and mRNA turnover. The role of RNA-capping in post-transcriptional regulation of HIV-1 expression has not been examined in detail. Here, we will present data on the roles played by cellular proteins and HIV-1 RNA capping on post-transcriptional expression of viral RNAs.