Title (en)

INHIBITION OF HUMAN IMMUNODEFICIENCY VIRUS (HIV-1) REPLICATION

Title (de)

INHIBIERUNG DER REPLIKATION DES MENSCHLICHEN IMMUNSCHWÄCHEVIRUS (HIV-1)

Title (fr)

INHIBITION DE LA REPLICATION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE (VIH-1)

Publication

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Application

EP 98954989 A 19981015

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Abstract (en)

[origin: WO9919496A1] The present invention is directed to an HIV-1-regulated antiviral system. The invention provides constructs and methods for transferring an antiviral enzyme into target cells, wherein the enzyme is under HIV-1 regulation. HIV-1 infection of the targeted cells causes the activation of the antiviral enzyme, and results in the inhibition of viral replication. The HIV-1 controlled antiviral approach can be combined with traditional chemotherapeutic approaches, permitting a significant reduction in antiviral drugs, with decreased side effects, and the maintenance of HIV-1 in a true latent state.

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