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Title: Let me in: Control of HIV nuclear entry at the nuclear envelope

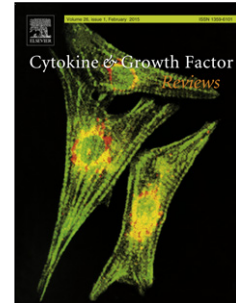
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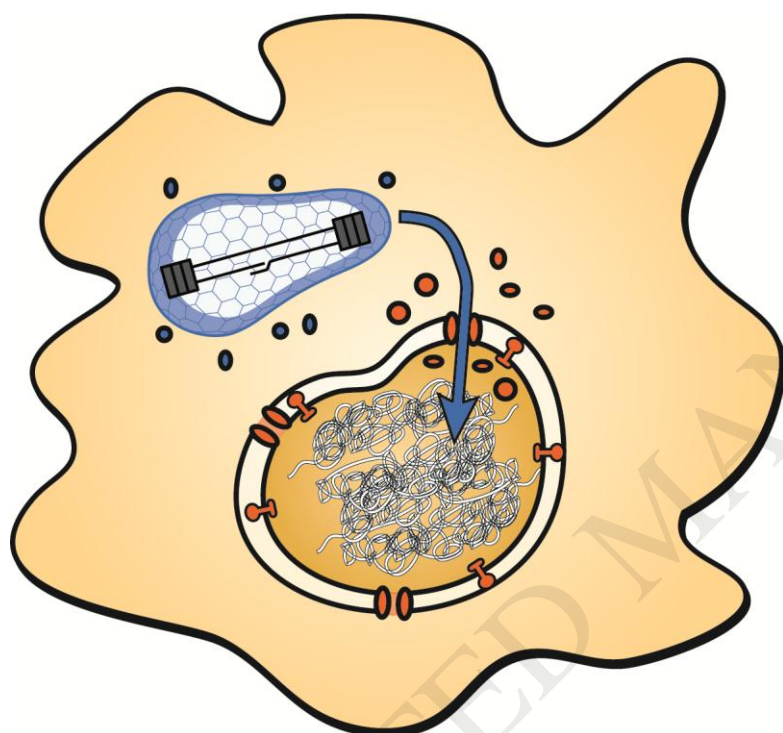
Let me in: Control of HIV nuclear entry at the nuclear envelope

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Graphical abstract



Highlights

- HIV can enter the nucleus of non-dividing target cells such as lymphocytes, macrophages and dendritic cells.
- Multiple viral and host factors control HIV entry into the nucleus.
- Understanding the process of HIV entry into the nucleus will provide new targets for antiviral strategies.

Abstract

The nuclear envelope is a physical barrier that isolates the cellular DNA from the rest of cell, thereby limiting pathogen invasion. The Human Immunodeficiency Virus (HIV) has a remarkable ability to enter the nucleus of non-dividing target cells such as lymphocytes, macrophages and

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