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Altri autori (Persone)	FreedEric O
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Nota di contenuto	Structural Biology of HIV Assembly -- Cellular Trafficking Mechanisms in the Assembly and Release of HIV -- Packaging of the HIV-1 RNA Genome -- Synthesis of Functional and Variable HIV-1 Envelope Glycoproteins -- HIV-1 Budding -- HIV-1 Maturation -- Cell-to-Cell Transmission of HIV -- Virus Assembly as a Target for Antiretroviral Therapy.
Sommario/riassunto	Over the past decade, enormous progress has been made in understanding the late events in the HIV replication cycle. This has been made possible by major advances in cell biology, virology, and structural biology. The field continues to move forward rapidly, with important new discoveries being reported on a regular basis. The impact of this progress across a broad spectrum of biomedical research has been substantial. The increase in basic knowledge in the areas of HIV assembly, release, and maturation has been accompanied by new possibilities for therapeutic intervention.The work includes topics relating to basic molecular biology, cell biology, and structural biology of HIV assembly, coupled with more applied ideas of how this basic information can inform the field of antiretroviral research. The book covers all major topics pertaining to the late stages of HIV replication, with leaders in each area recruited to contribute chapters in their areas of expertise . The topics will be sufficiently focused to allow authors the opportunity to cover the latest developments in detail.