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Human Retroviruses: Illustration

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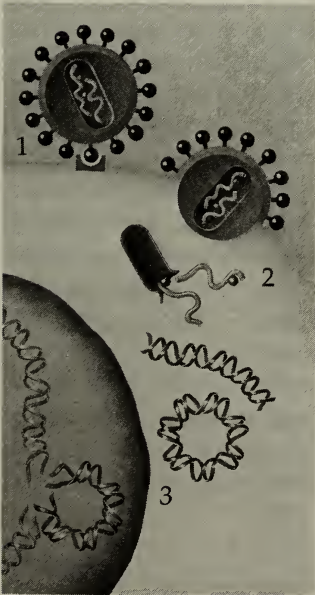
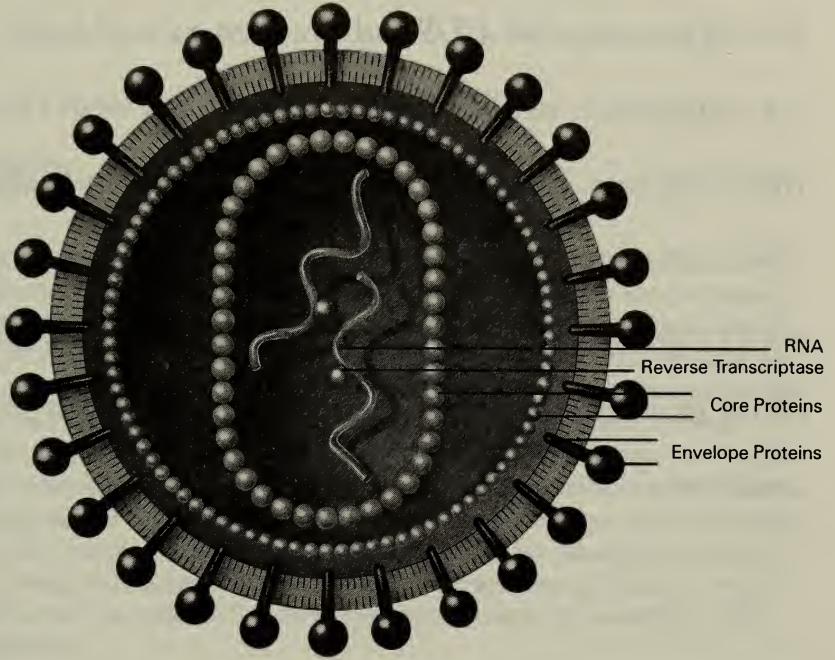
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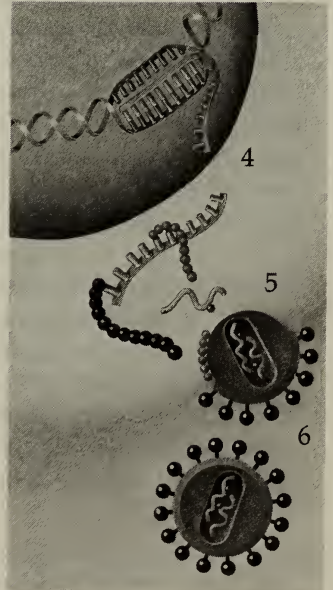
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Human Retroviruses



Life Cycle of Retroviruses

1. Binding of virus to target cell.
2. Uncoating of virus and transcription of viral RNA to DNA by Reverse transcriptase.
3. Viral DNA circularization and integration into host genome.
4. Transcription and protein synthesis.
5. Assembly of viral proteins and RNA at cell surface.
6. Budding of mature viral particle from host.



"Emotionally, the disease has taken a very serious toll on me. I got very deeply involved with AIDS organizations. I've seen a lot of persons with AIDS and I've seen a lot of death. A lot of needless death. And I've seen a lot of what I'd call ridiculousness, on the part of government and individuals and organizations over things that were pretty self-destructive and pretty unimportant, and I think that that's what's weighed harder on me than my own personal experience, which has gone up and down. **"**