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Viral vectors for gene therapy and gene modification approaches

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Highlights

- This review article provides an update on the viral vectors currently in use in various fields
- Viral vectors such as adenovirus (AV), adeno-associated virus (AAV), murine leukemia virus (MLV), and lentivirus (LV) are described.
- The use of retroviral particles such as virus-like particles (VLPs) is illustrated.
- Small- and large-scale manufacturing methods are presented.
- Safety issues in this respect are listed.
- The potential applications of these vectors for gene addition and protein transduction are described.

Abstract:

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