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Virosome

National Cancer Institute

Source

National Cancer Institute. *Virosome*. NCI Thesaurus. Code C33953.

Virosomes are reconstituted influenza virus (A/Singapore) envelopes. The membrane of these vesicles consists of a spherical, unilamellar lipid bilayer. Purified influenza envelope glycoproteins (hemagglutinin HA and neuraminidase NA) are inserted into the lipid bilayer. Virosomes with a bilayer consisting of neutral phospholipids can be used as an unspecific or a specific drug carrier system, while positively charged vesicles can be used as a transfer system for any genetic materials.