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The role of immunoglobulin A in prolonged and relapsing hepatitis A virus infections

Dengue virus strain DEN2 16681 utilizes a specific glycochain of syndecan-2 proteoglycan as a receptor

Front cover illustration

A 3D reconstruction of the dengue virus glycoprotein non-structural protein 1 (NS1) shown in three different orientations. The images were generated by single-particle analysis of purified NS1, imaged by negative-stain electron microscopy. This form of NS1 is secreted from infected cells as a hexamer, comprising a trimeric assembly of highly stable dimers. The proposed organization of the three dimers is highlighted with different colours. Images courtesy of Dr Paul R. Young, Department of Microbiology and Parasitology, University of Queensland, St Lucia QLD 4072, Australia. See the paper by Muller et al. in this issue, pp. 771–779.
Phylogeographical footprint of colonial history in the global dispersal of human immunodeficiency virus type 2 group A


Discovery of drugs that possess activity against feline leukemia virus

W. M. Greggs, III, C. L. Clouser, S. E. Patterson and L. M. Mansky

PLANT

Lettuce necrotic yellows cytorhabdovirus protein localization and interaction map, and comparison with nucleorhabdoviruses

K. M. Martin, R. G. Dietzgen, R. Wang and M. M. Goodin