

VIRUSES

GENERAL CONCEPTS

COMPONENTS

GENOME

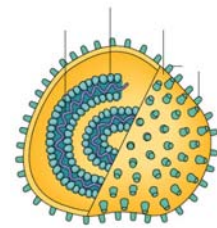
CAPSID

CAPSOMERES

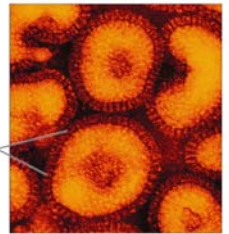
ENVELOPE

SPIKES

ENZYMES



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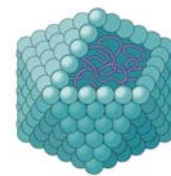


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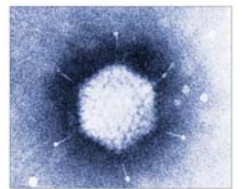
MORPHOLOGY

HELICAL

ICOSAHEDRAL / POLYHEDRAL

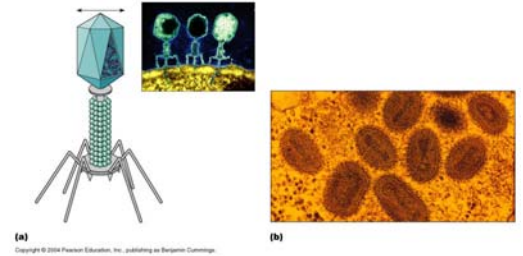


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(b)

COMPLEX



ATYPICAL VIRUSES

VIROIDS

PRIONS

COMPOSITION

ANIMAL PRION DISEASES

HUMAN PRION DISEASES

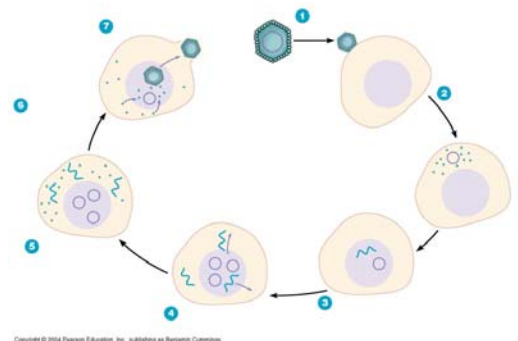
PRION MECHANISMS

THESE MAY HELP: LOOK FOR AUDIO PODCASTS ON PRIONS AND DISEASE ("BSE", "EYE ON PRIONS" ECT) ON MY WEB SITE AT <http://webhome.broward.edu/~sobenauf/mcb2013/podcasts/podcasts%20audio.html>

VIRAL REPLICATION

GENERAL CONCEPTS

ATTACHMENT



PENETRATION

IN NON-ENVELOPED VIRUSES

IN ENVELOPED VIRUSES

UNCOATING

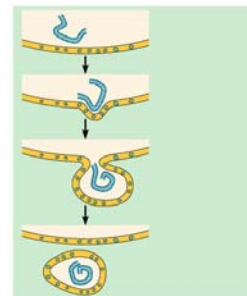
SYNTHESIS (BIOSYNTHESIS)

MATURATION (ASSEMBLY)

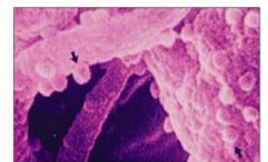
RELEASE

IN NON-ENVELOPED VIRUSES

IN ENVELOPED VIRUSES: BUDDING



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(b)

LATENCY

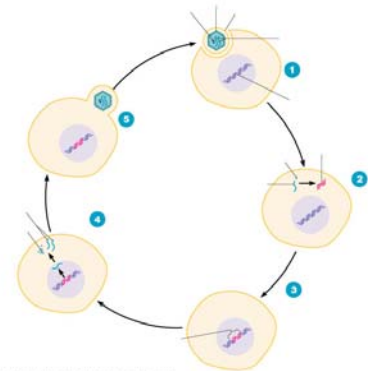
VIRAL GROUPS

CLASSIFICATION CRITERIA

TAXONOMICAL HIERARCHY

DNA VIRUSES
HERPESVIRUS FAMILY

RNA VIRUSES
RETROVIRUS FAMILY



FOR AN OVERVIEW OF VIRUSES, HERPES, LATENCY AND OTHER TOPICS IN THIS AREA LOOK FOR AUDIO PODCASTS ("VIRUSES", "BACTERIOPHAGE AND E. COLI", ECT) ON MY WEB SITE AT <http://webhome.broward.edu/~sobenauf/mcb2013/podcasts/podcasts%20audio.html>
