

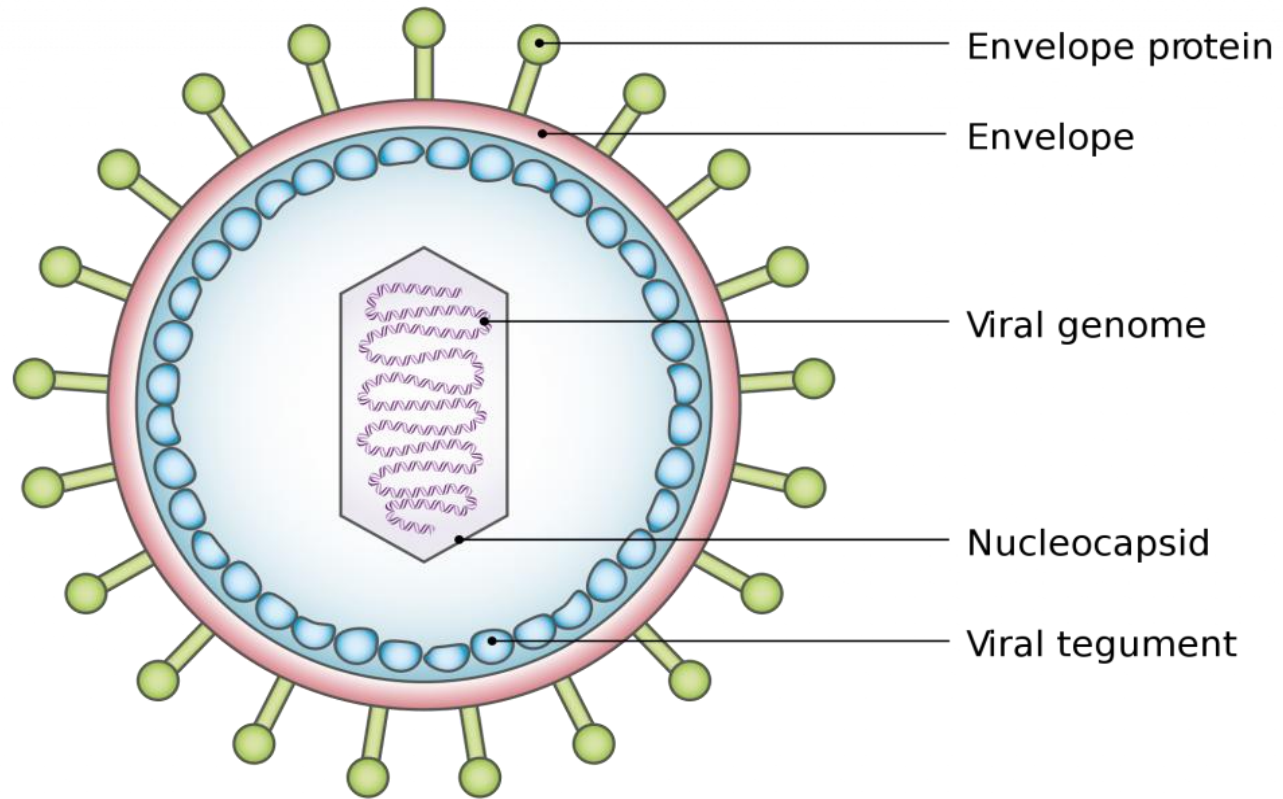
# GENERAL CHARACTERISTICS OF VIRUS

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## Definition:

- ▶ Viruses can be defined as noncellular, submicroscopic, obligatory intracellular parasites having protein coat around the nucleic acid (DNA/RNA) and capable of self-replicating within the host cells.

# STRUCTURE



- ▶ Viruses are:
- ▶ Unique class of infectious agents, simple in structure and replication.
- ▶ Numerous.
- ▶ Virology.
- ▶ Viruses occur in 2 states
  - ▶ a) Extracellular- nucleic acid surrounded by protein coat -VIRION
  - ▶ b) Intracellular -virus replication occurs.
- ▶ Since virus has nucleic acid and protein called nucleoprotein.
- ▶ Protein coat is called as capsid.
- ▶ Capsid has capsomeres.
- ▶ Virulent - pathogenic.

THANK YOU

▶ ANY QUERIES..??????