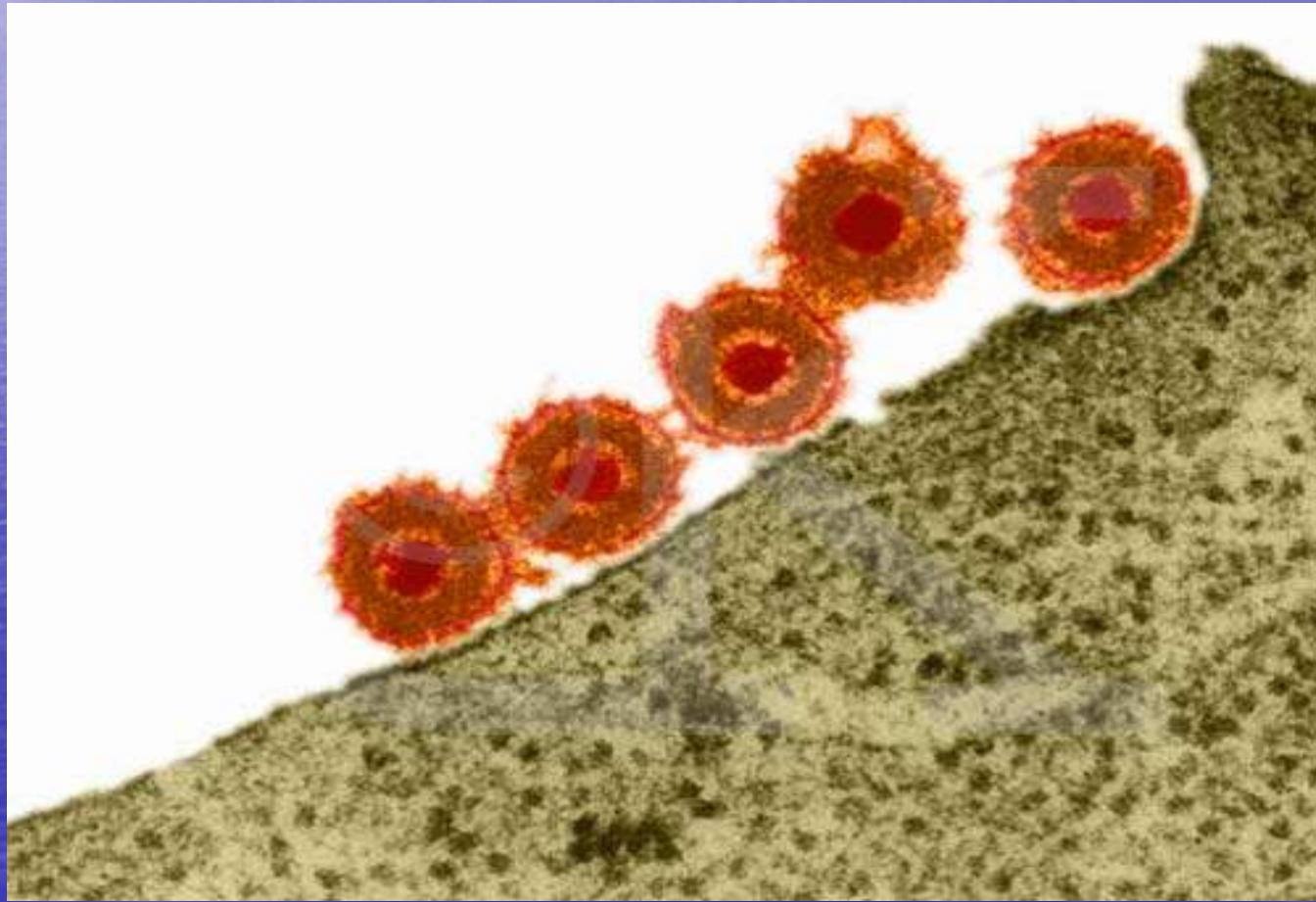


Herpes Viruses



Herpesviridae, a large family of DNA viruses that cause diseases in animals and humans.

The members of this family are also known as **herpesviruses**. Name is derived from the Greek word *herpein* ("to creep or crawl"). Latent, reactivation , recurring and lytic infections are typical of this group of viruses.



Medically important viruses – Three subfamilies.

- **Alpha herpes virinae.**

- Rapid growth,
- ✂ Latent infection in sensory ganglia.
- ✂ HSV – 1, HSV – 2, V – Z Virus.

- **Beta herpes virinae**

- ✂ Slow growth.
- ✂ Grow best in Fibroblasts.
- ✂ Latent infection in salivary gland.
- ✂ HHV – 5 (CMV) HHV – 6 , HHV – 7

Gamma herpes virinae

- ✂ Grow in Lymphoblastoid cells.
- ✂ Latent infection in Lymphoid tissue.
- ✂ HHV – 4 (Epstein – Barr Virus)
- ✂ HHV – 8 (Kaposi's sarcoma herpes virus)