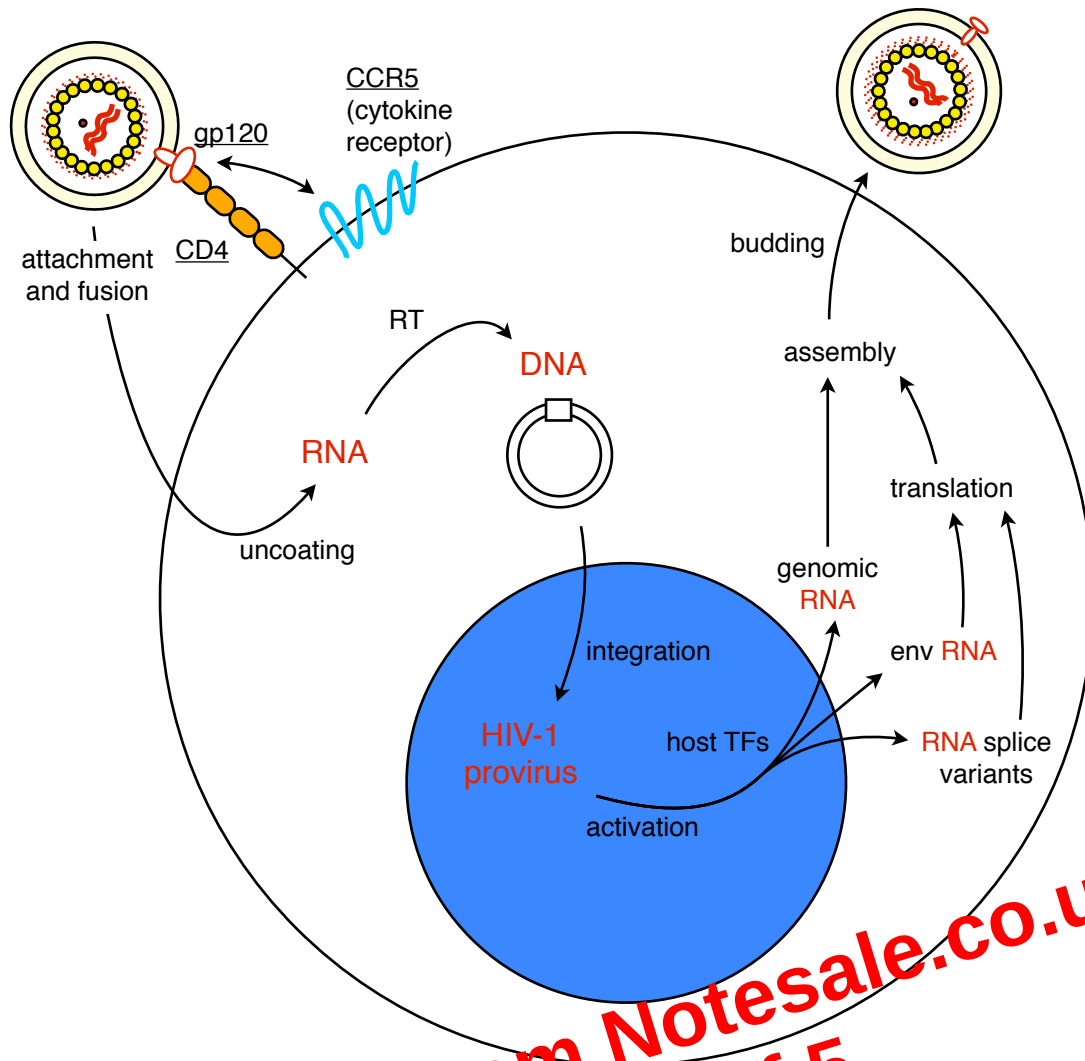




HIV seroconversion illness:

- develops in some patients ~ weeks after infection
- fever, lymphadenopathy, rash, arthralgia
- sometimes meningitis or neurological illness
- highly infectious during this stage

HIV Progression:

- most HIV patients are in the prolonged asymptomatic phase
 - may be unaware of infection
 - gradual decline in TH cells --> AIDS --> tumours and opportunistic infections

Opportunistic infections

- bacteria - TB
- parasites - *Toxoplasma gondii*
- *Cryptosporidium parvum*
- fungi - *Candida*
- *Cryptococcus*
- *Pneumocystis jirovecii*
- viruses - HSV, VZV, CMV, HHV-8,
- HPV

Reactivation of latent infections:

- HHV-8 + AIDS --> Kaposi's sarcoma
(tumour of lymphatic endothelium)
- *T. gondii* + AIDS --> cerebral toxoplasmosis