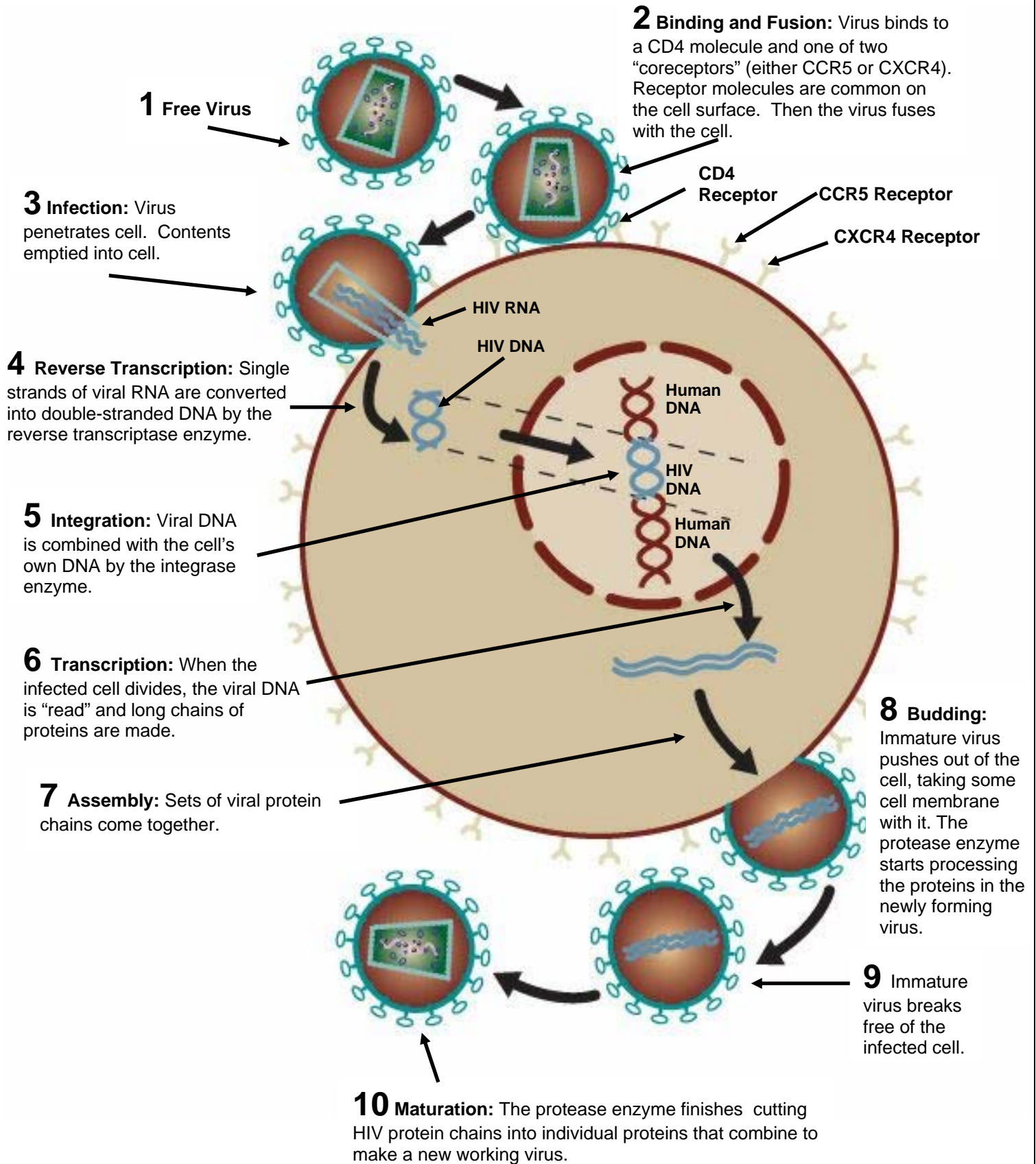


Complications of HIV Infection Based on Total CD4+ Cell Count

CD4+ Cell Count	Organism	Common Manifestations
Greater than 500 cells/mm³	HIV	Primary HIV infection
	HIV	Persistent generalized lymphadenopathy
	HIV	Aseptic meningitis
	HIV	Idiopathic thrombocytopenia purpura
Less than 500 cells/mm³	<i>Streptococcus pneumoniae</i> , <i>Haemophilus influenza</i>	Community-acquired pneumonia
	<i>Mycobacterium tuberculosis</i>	Pulmonary tuberculosis
	<i>Candida</i> species	Oropharyngeal and vaginal candidiasis
	Herpes simplex virus	Orogenital herpes
	Varicella zoster virus	Dermatomal zoster (shingles)
	Epstein-Barr virus	Oral hairy leukoplakia, non-Hodgkin's lymphoma
	<i>Cryptosporidium parvum</i>	Self-limited diarrhea
	HHV-8 (KSHV)	Kaposi's sarcoma
Less than 200 cells/mm³	<i>Pneumocystis carinii</i>	Pneumonia
	<i>Cryptosporidium parvum</i>	Chronic diarrhea
Less than 100 cells/mm³	<i>Toxoplasma gondii</i>	Encephalitis
	Microsporidia	Diarrhea
	<i>Candida</i> species	Esophagitis
	<i>Cryptococcus neoformans</i>	Meningitis
	<i>M tuberculosis</i>	Disseminated or extrapulmonary TB
	Herpes simplex virus	Disseminated or aggressive herpes
	Varicella zoster virus	Disseminated herpes zoster
	Epstein-Barr virus	Primary central nervous system lymphoma
	<i>Mycobacterium avium</i> complex	Disseminated <i>M avium</i> complex
	Cytomegalovirus	Retinitis, GI disease, encephalitis
	HIV	Wasting syndrome, dementia, myelopathy



HIV LIFE CYCLE



Revised April 30, 2005