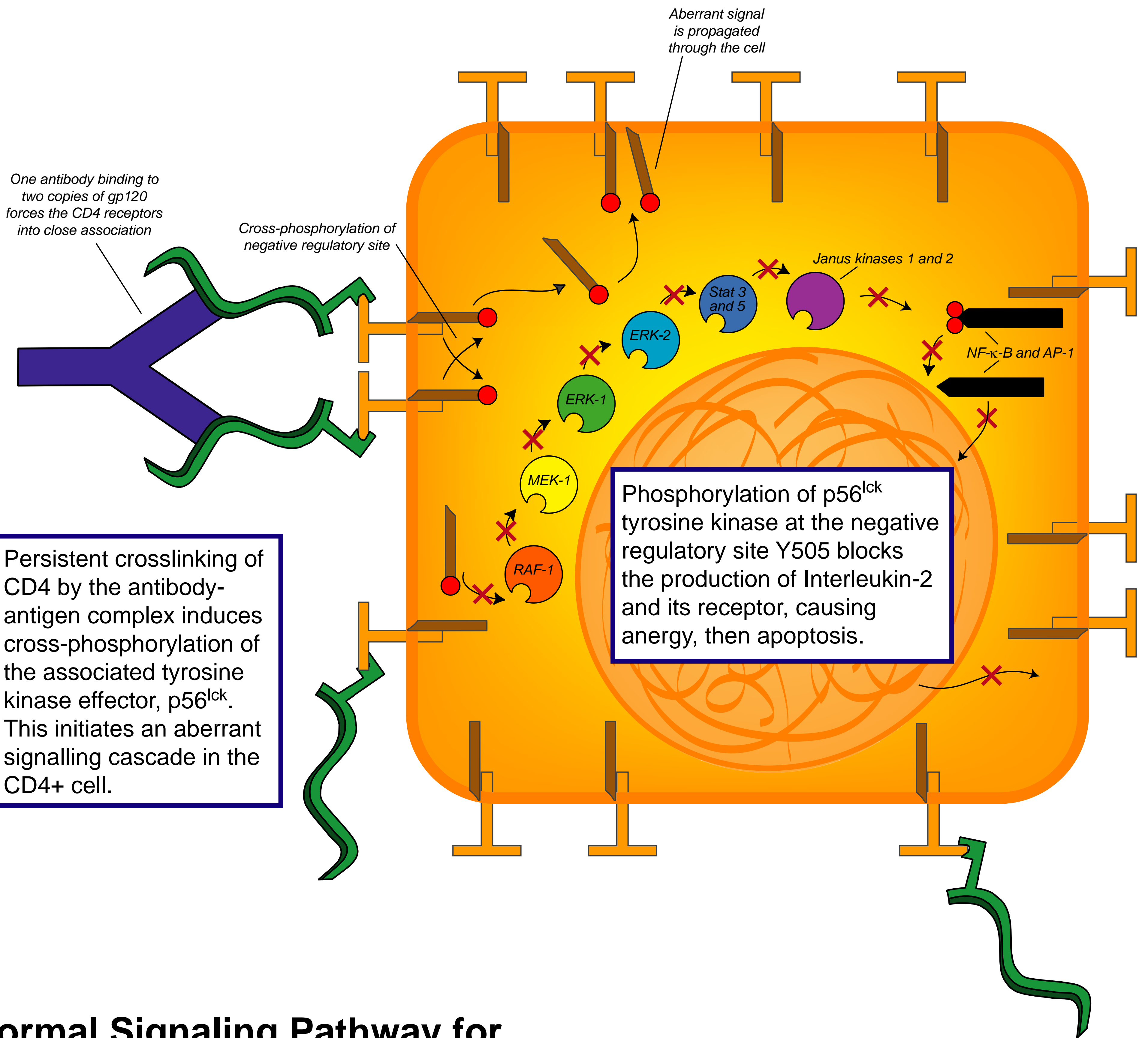
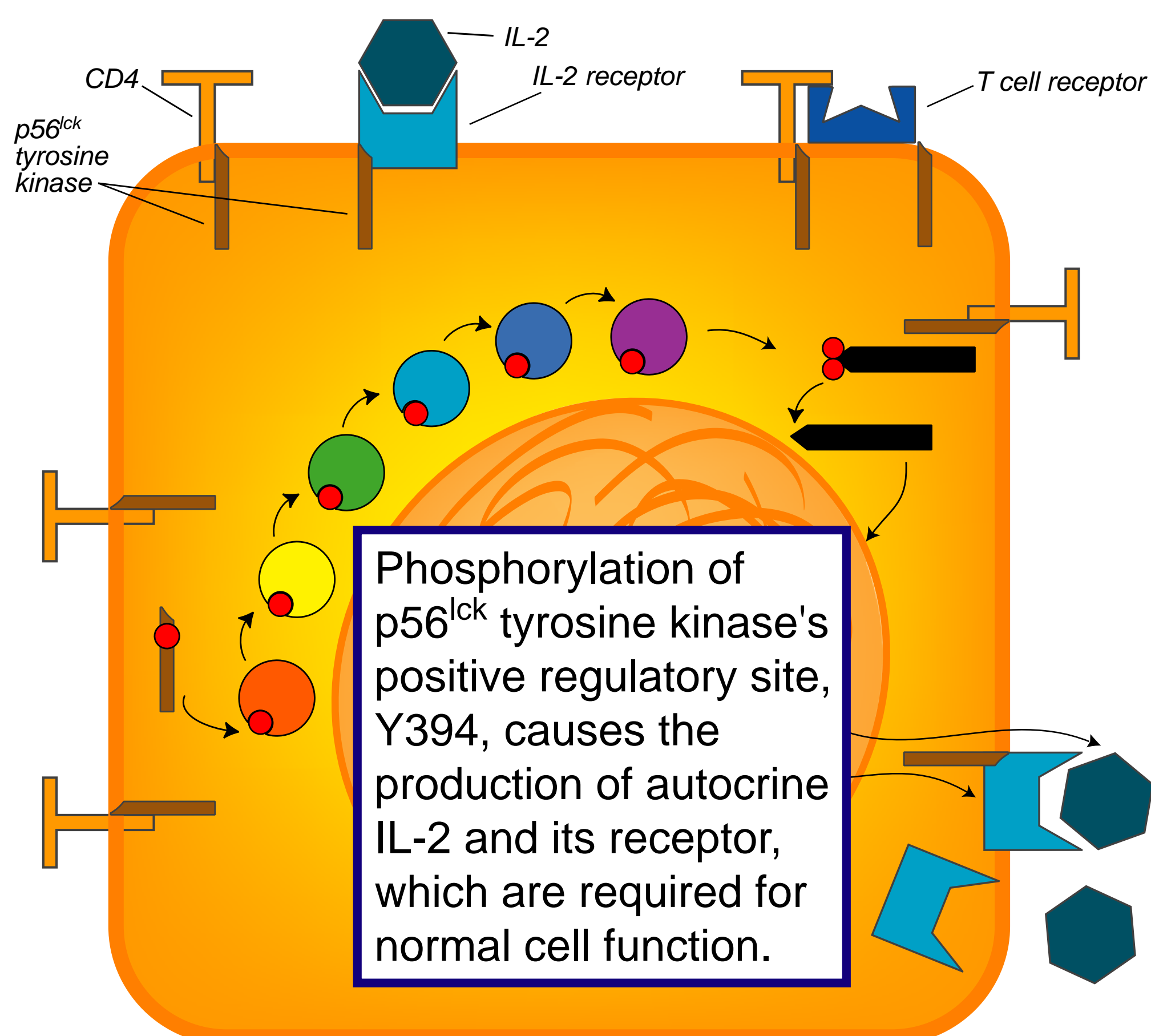


Cell Signalling Defects and Loss of T₄ Cells and Thymocytes in AIDS



Normal Signaling Pathway for Interleukin-2 and its Receptor



Therapeutic Uses: Anti-CD4 Antibodies

Anti-CD4 antibodies are used to crosslink CD4 deliberately. Administration of the antibodies causes immune failure and is used temporarily to avoid transplant rejection by tolerizing the immune system to the new organ.

The clinical effects of anti-CD4 antibodies match the clinical signs of AIDS: T₄ cells become anergic first, and then, with ongoing administration, apoptotic.