

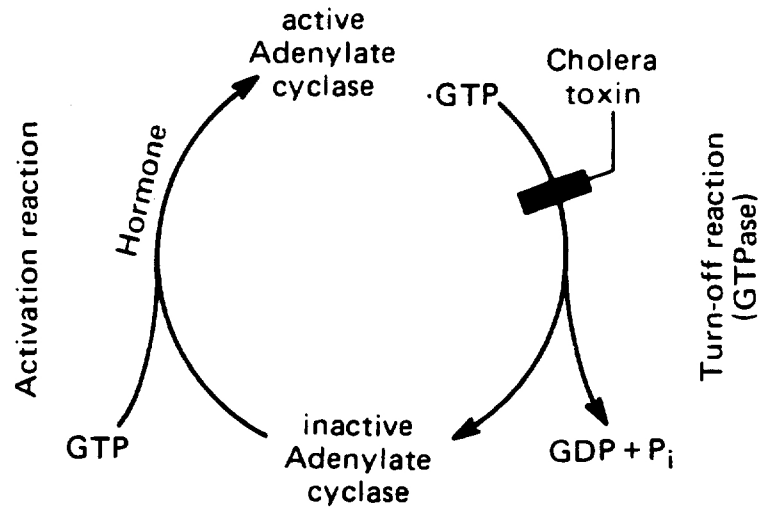


Fig. 5: 1977 model of hormonal stimulation of an adenylate cyclase system in which the activating GTP is deactivated by an intimately associated cholera toxin sensitive GTPase (From Cassel and Selinger, 1977). Hormone (receptor) was later proposed to act by facilitating the release of GDP and entry of GTP (Cassel and Selinger, 1978).