



Fig. 1: 1967 Conceptualization of an hormone-sensitive adenylyl cyclase. The enzyme is modelled after the multisubunit enzyme aspartic transcarbamoylase, in which the catalytic unit (adenylyl cyclase proper) would be under the regulation of allosteric ligands (hormones, neurotransmitters) by interacting with specific sites located on regulatory subunits (receptors). (From Robison et al., 1967).