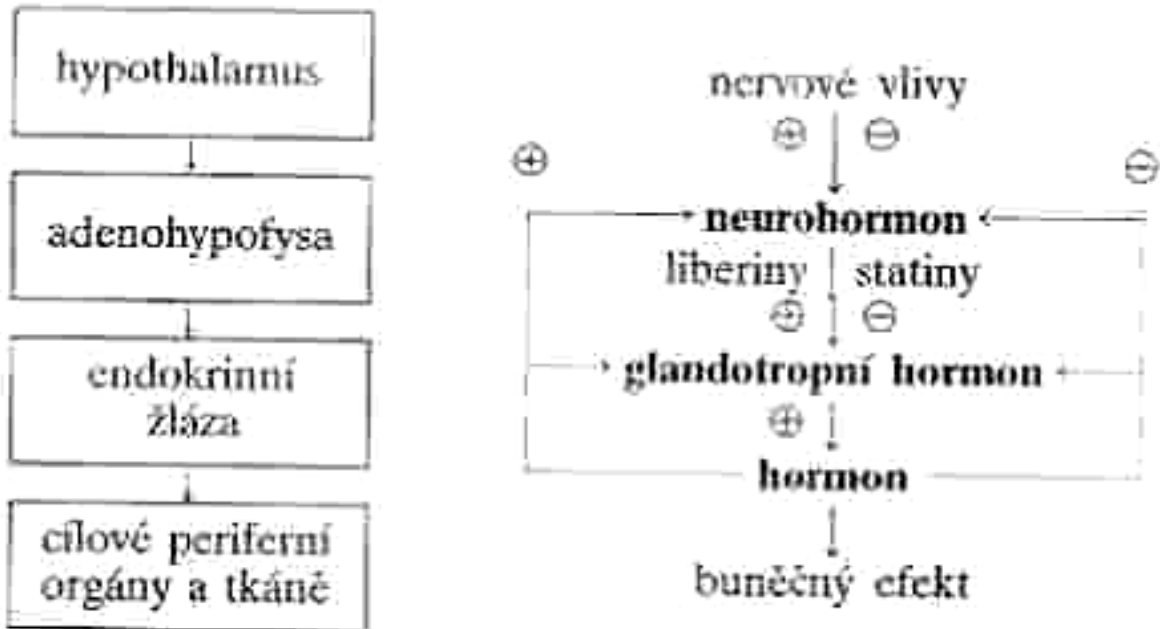


HORMONY

Hierarchie

- kaskáda – zesílení signálu
- zpětná vazba



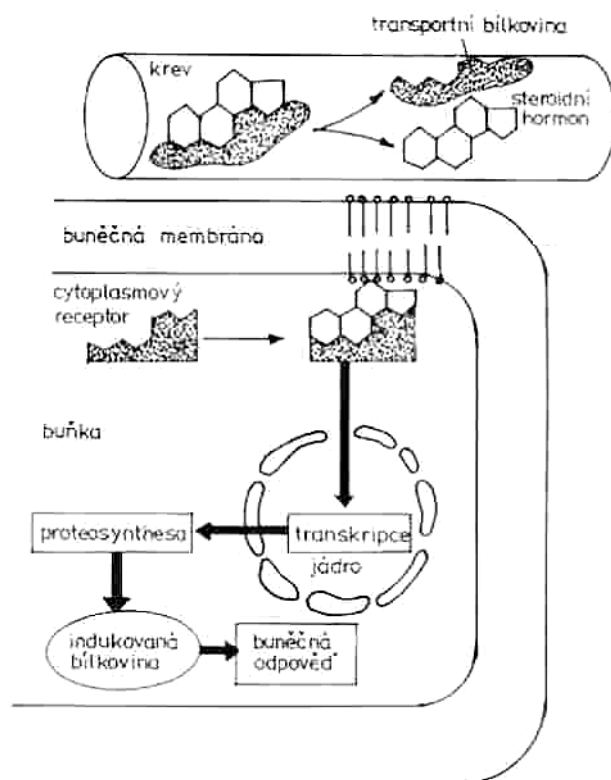
Chemická podstata – vlastnosti

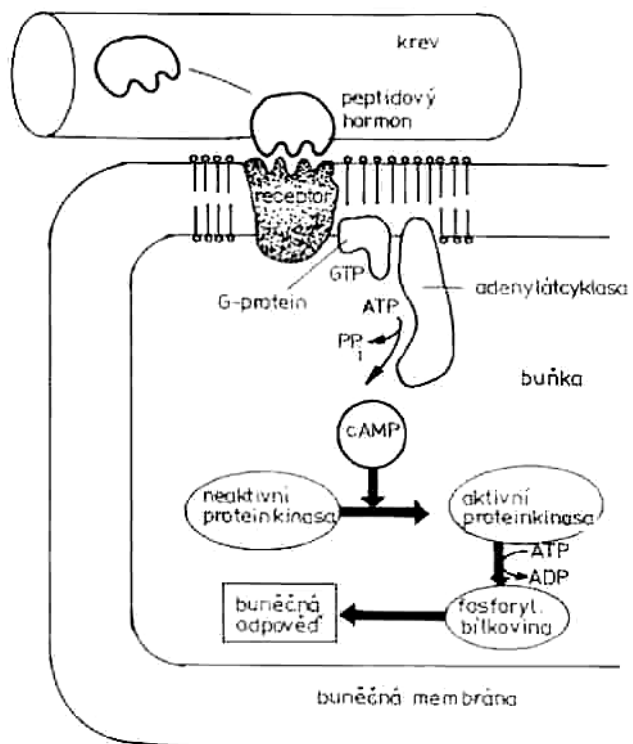
Polární – peptidové – tropiny, insulin, glukagon, ocytocin, vasopresin
- deriváty aminokyselin, aminy

Nepolární - steroidy

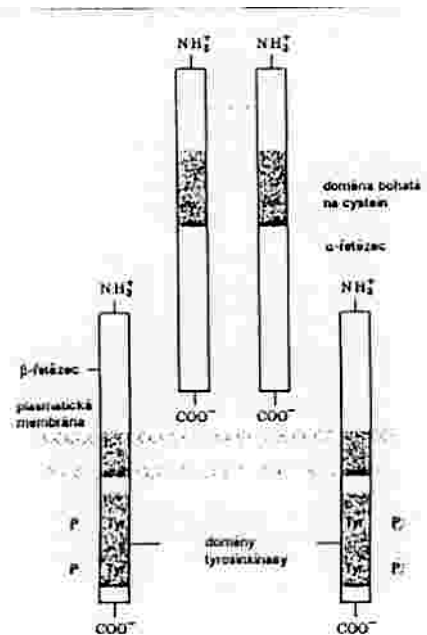
Způsoby účinku – vazba na receptor

- nitrobuněčný (steroidy)
- membránový (peptidové)

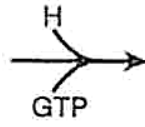
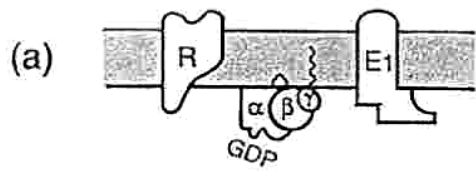




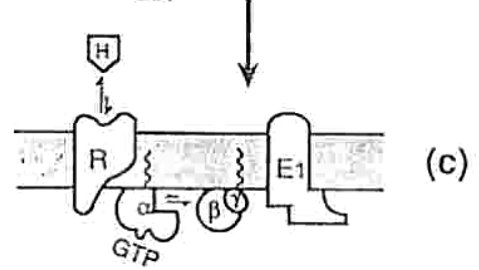
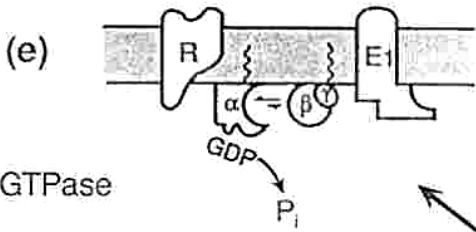
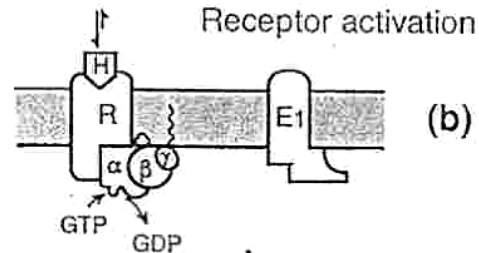
insulin



Basal state



Receptor activation



Subunit dissociation

