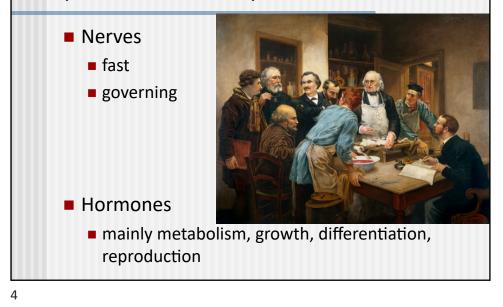
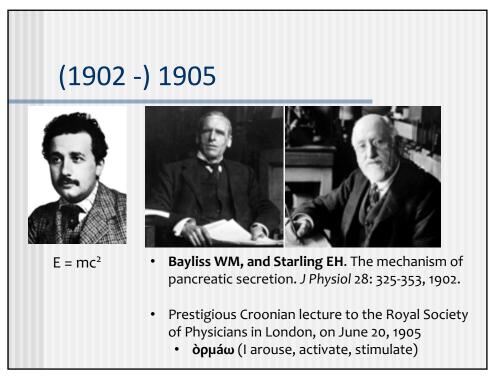
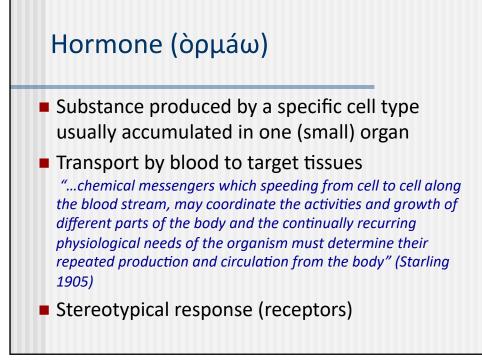


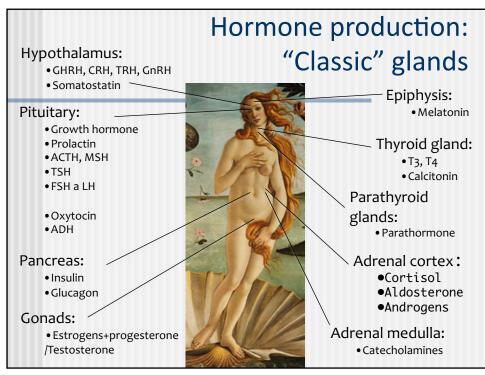
## Regulation of homeostasis (*milieu intérieur*)

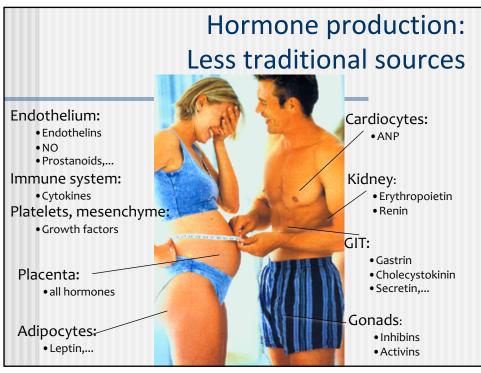


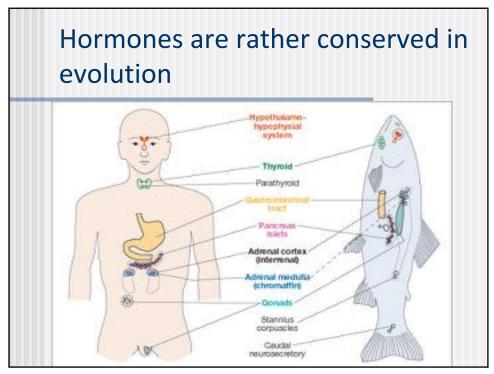


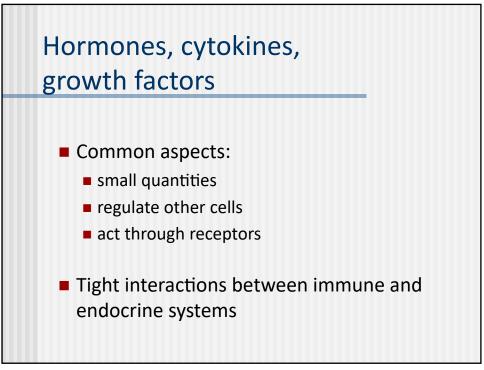




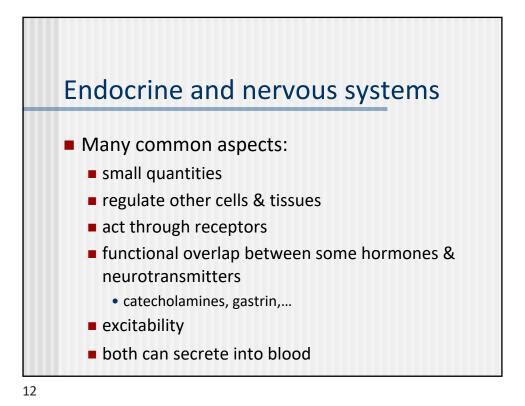


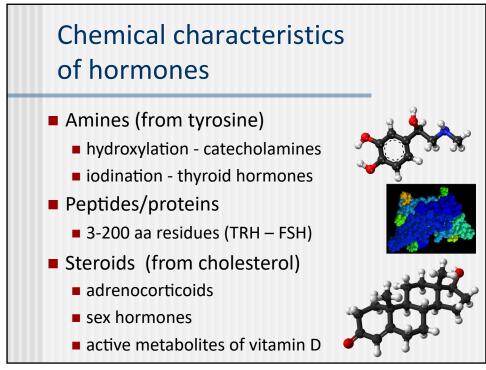


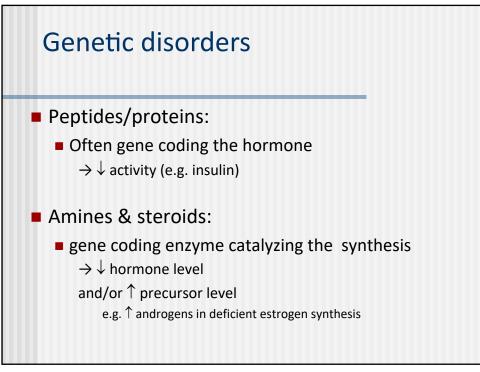


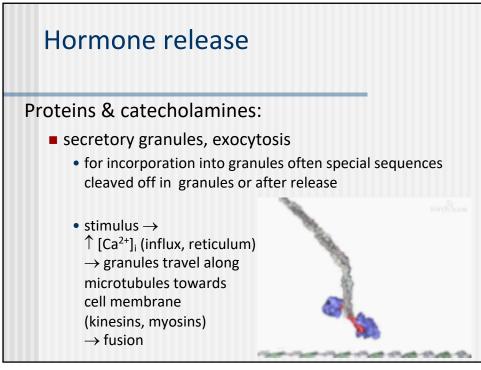


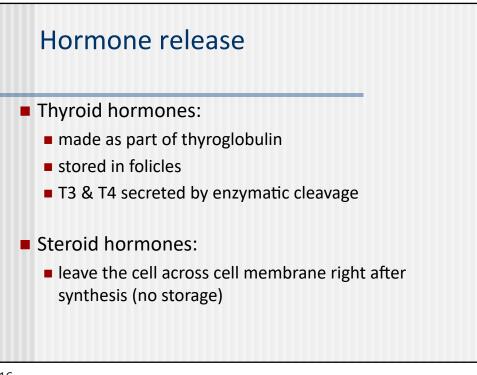
Hormones	Cytokines	Growth
_		factors
	-	
cells	types	
Few places	Many places	
Action Long-range	Mostly	Short-range
	short-range	
Low	High	Medium
Low	High	Medium
Tight	Loose	
Homeostasis	Defence	Remodeling
	Only specialized cells Few places Long-range Low Low Tight	Only specialized cellsMany cell typesFew placesMany placesLong-rangeMostly short-rangeLowHighLowHighTightLoose

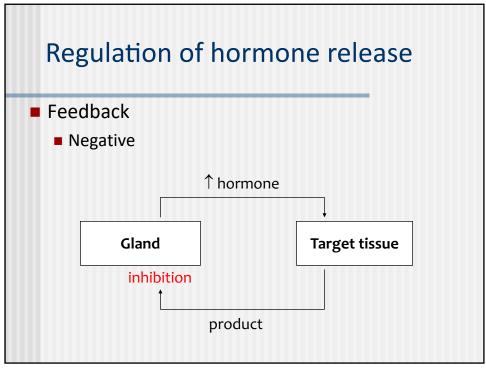


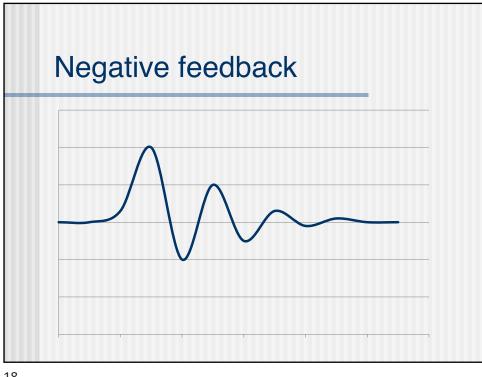




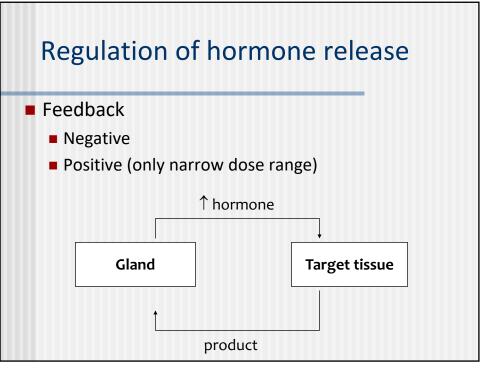


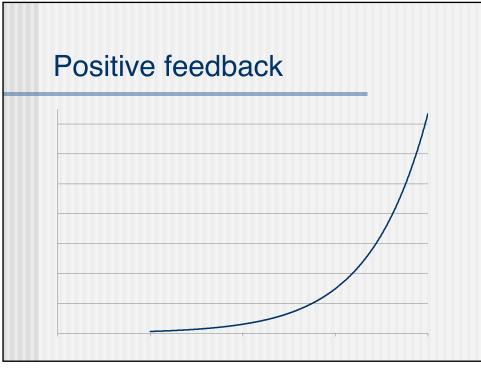


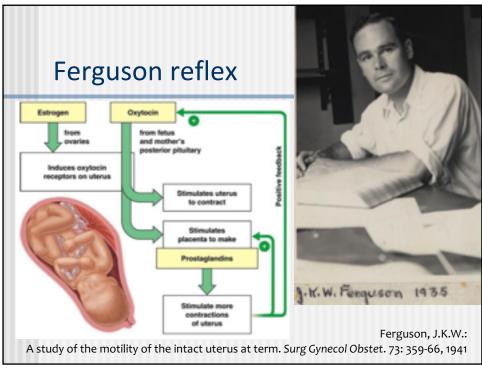


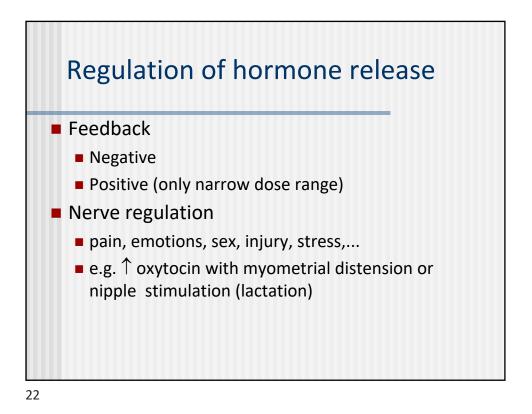


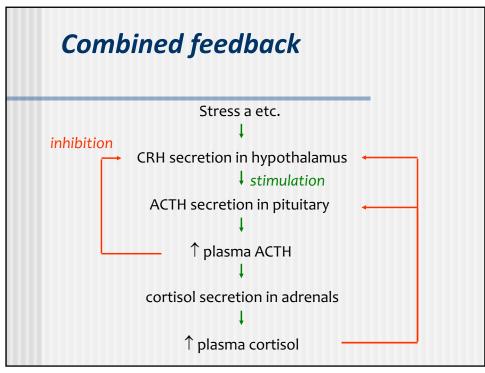


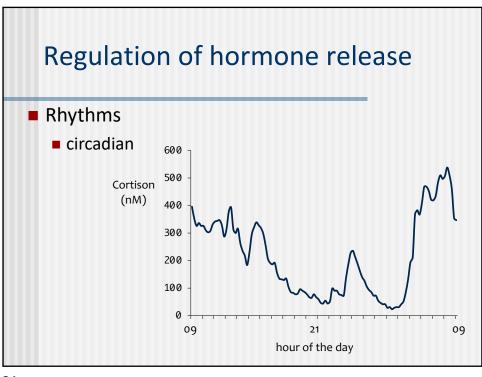


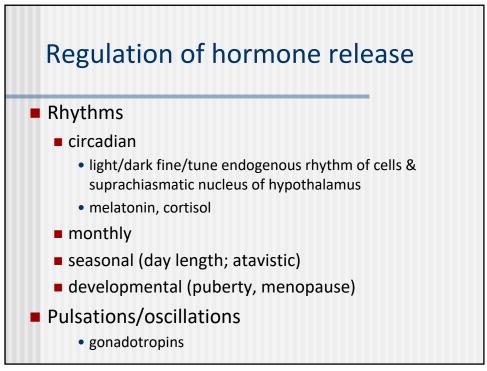


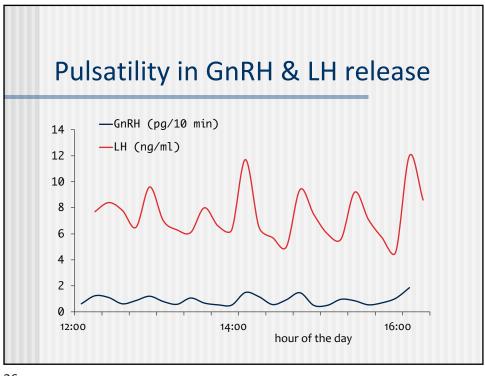




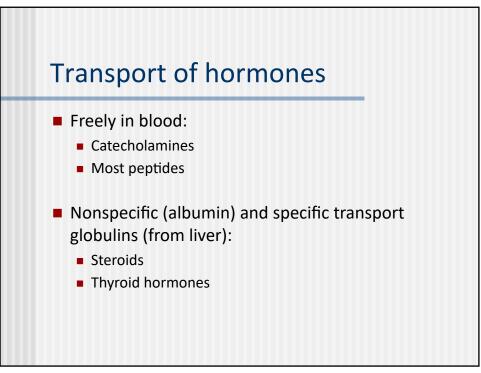


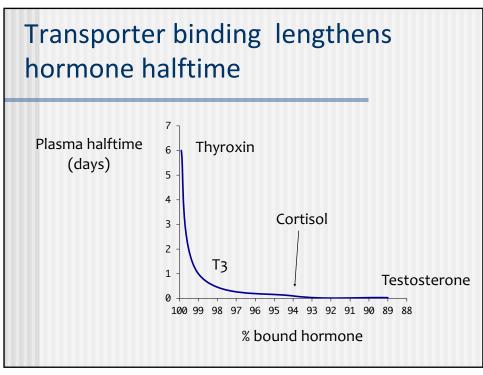


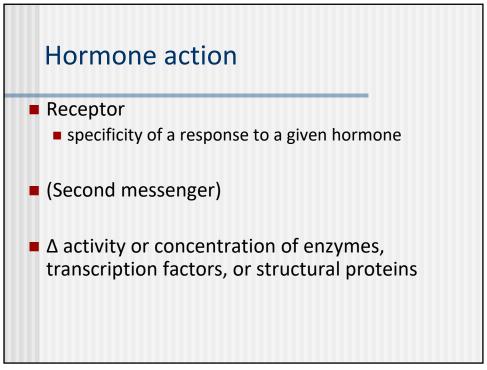


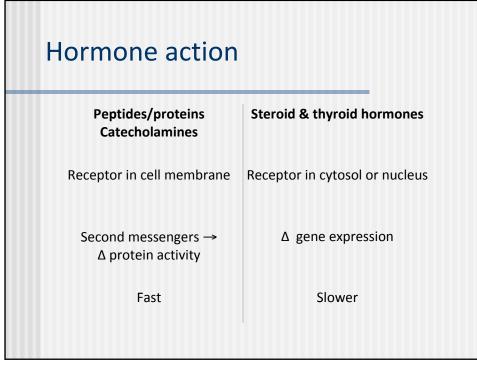


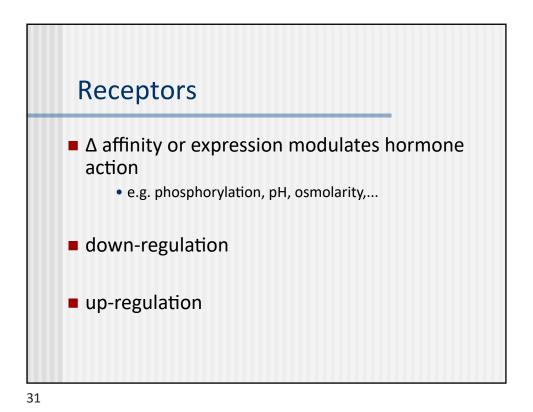


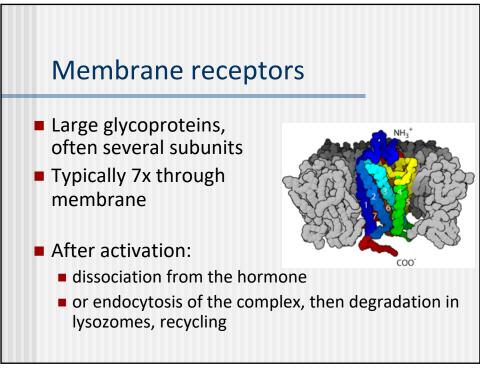


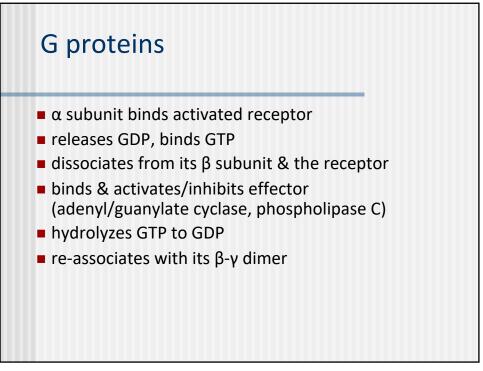












## Intracellular signal transduction (second messengers)

