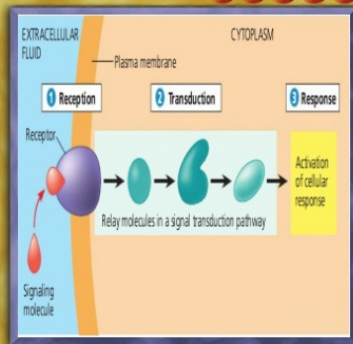


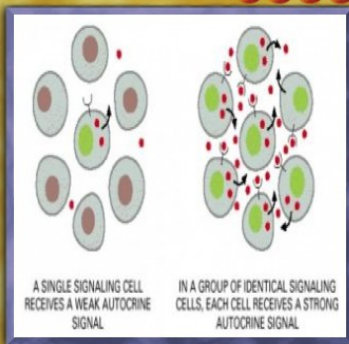
BIOL 1110- 9.1



[CH.9]

ATK/1500 DEF/1300

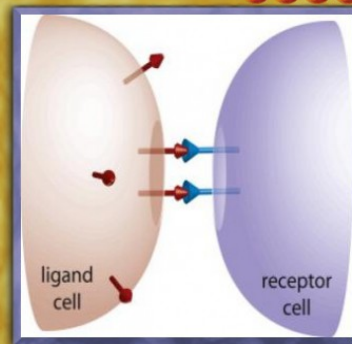
BIOL 1110- 9.1.1 #1



[CH.9]
Autocrine- is signaling to themselves

ATK/1100 DEF/1200

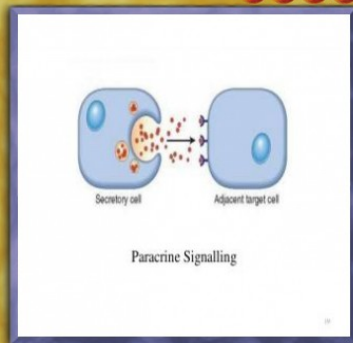
BIOL 1110- 9.1.1 #2



[CH.9]
juxtacrine is gap junctions or direct contact

ATK/1200 DEF/1100

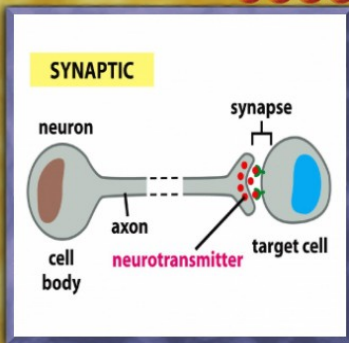
BIOL 1110- 9.1.1 #3



[CH.9]
Paracrine is like autocrine except not to self

ATK/1300 DEF/1200

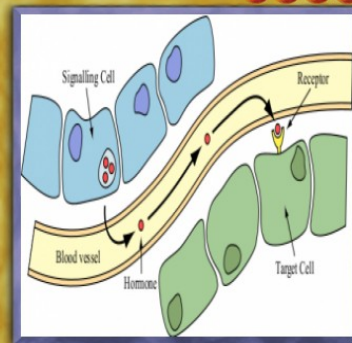
BIOL 1110- 9.1.1 #4



[CH.9]

ATK/1200 DEF/1300

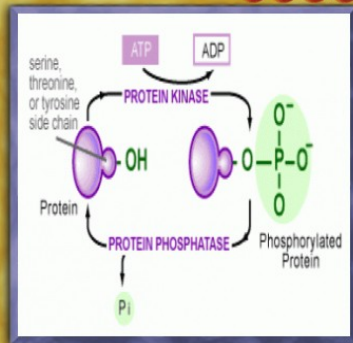
BIOL 1110- 9.1.1 #5



[CH.9]
Endocrine signaling

ATK/1400 DEF/1300

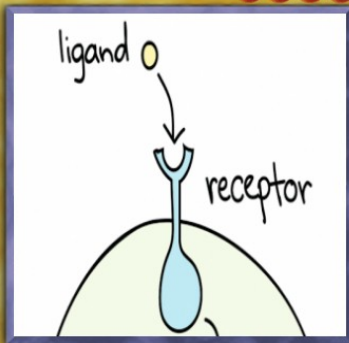
BIOL 1110- 9.1.3



[CH.9]

ATK/1500 DEF/1600

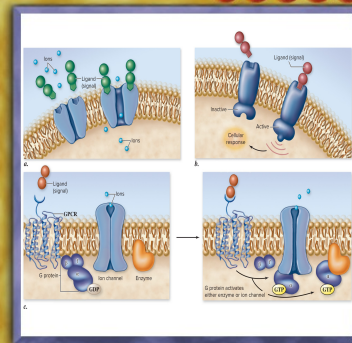
BIOL 1110- 9.2



[CH.9]
Different receptors bind to different ligands

ATK/1500 DEF/1600

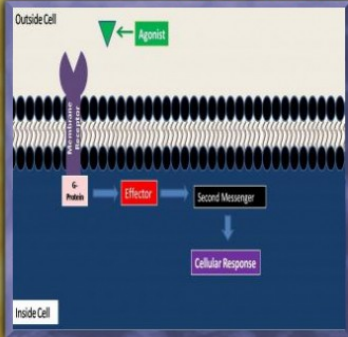
BIOL 1110- 9.2.1 #1



[CH.9]
A. Channel Linked B. Enzymatic C. G-Protein Coupled

ATK/1700 DEF/1800

BIOL 1110- 9.2.1 #2



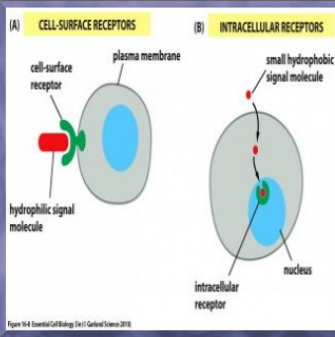
[Ch.9]
The Second Messengers changes shape: cAMP and Ca Ions

ATK/2100 DEF/1900

78283150

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BIOL 1110- 9.3, 9.5



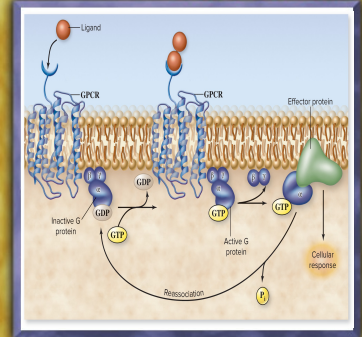
[Ch.9]

ATK/2200 DEF/1900

63541549

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BIOL 1110- 9.5.1



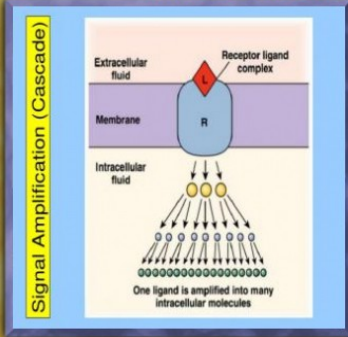
[Ch.9]

ATK/2500 DEF/1800

16957129

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BIOL 1110- 9.4.3, 9.5.2



[Ch.9]
Important for cell division and gives cells flexibility; limited # of large intracellular receptors

ATK/2400 DEF/2300

79296572

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