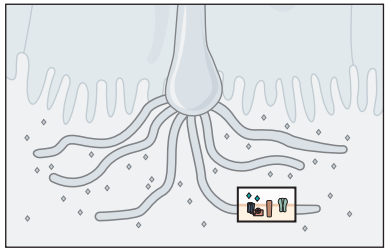
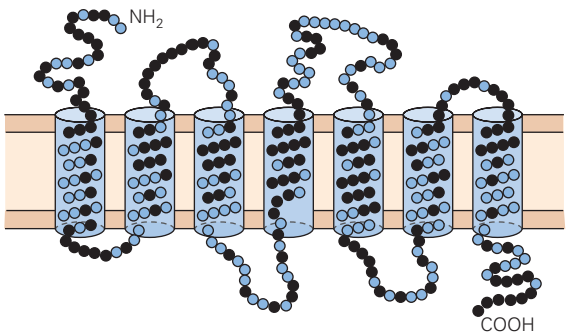
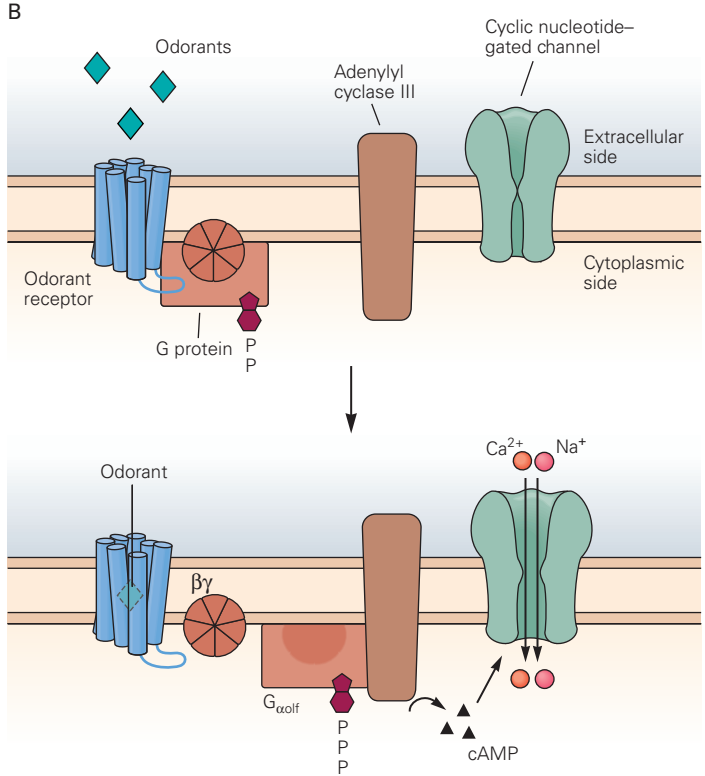


A


NH2
COOH

B


Odorants
Adenylyl cyclase III
Cyclic nucleotide–gated channel
Extracellular side
Cytoplasmic side
Odorant receptor
G protein
P
P
Odorant
βγ
Gαolf
P
P
P
Ca2+
Na+
cAMP