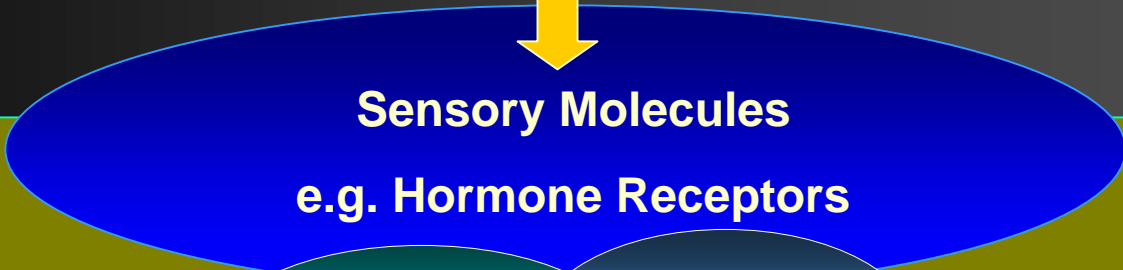


External Stimuli



G-Proteins

Effectors

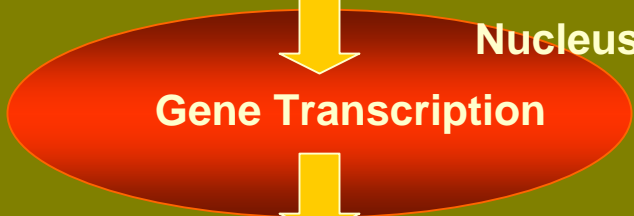


Second Messengers

(Inositol Polyphosphates, cAMP, cGMP)



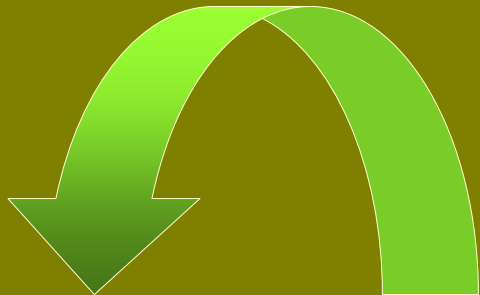
Down Stream Substrates



Protein Synthesis



Biological Responses



Protein Phosphatases



Cell