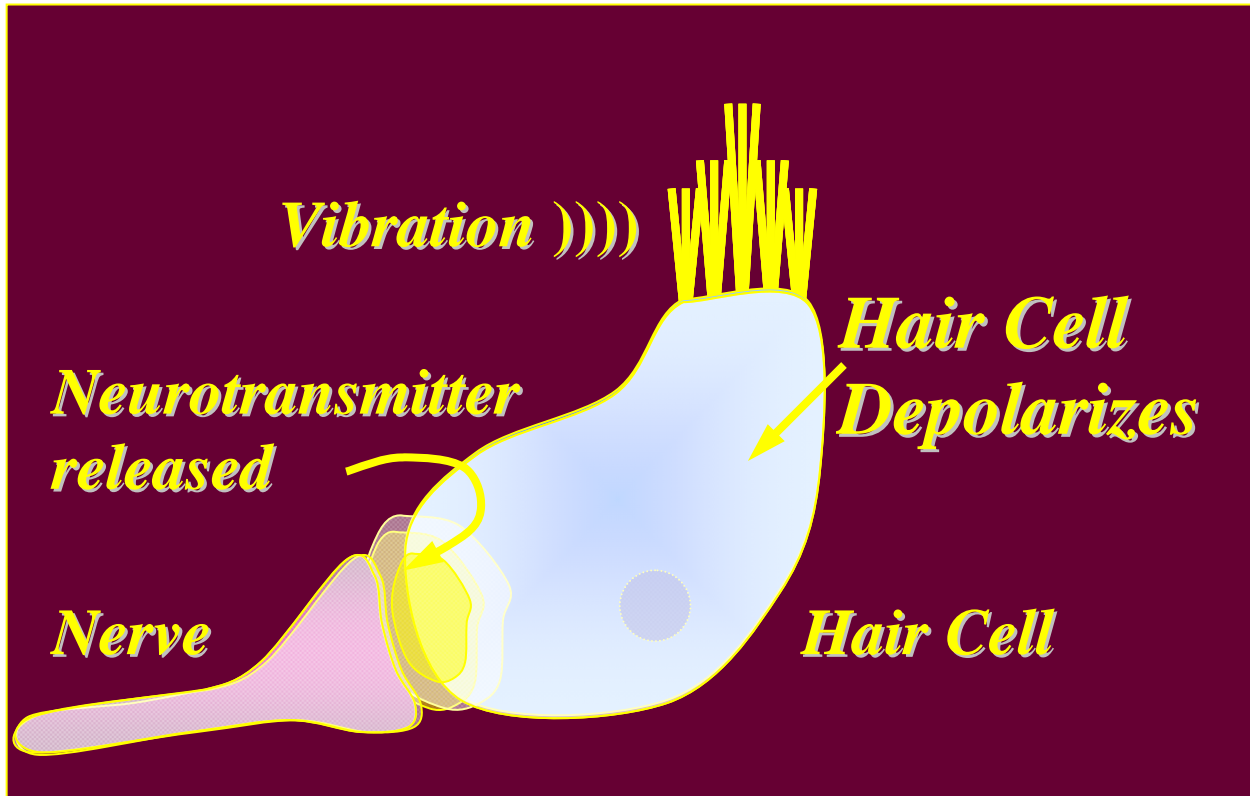


Action of an Inner Hair Cell:



Function of a Stereocilia:

An auditory sound vibration / stimulation of stereocilia in a hair cell causes the release of a neurotransmitter (TRPA1 protein – see below) which in turn stimulates a neuron in the auditory nerve.

TRPA1 Structural Model:

