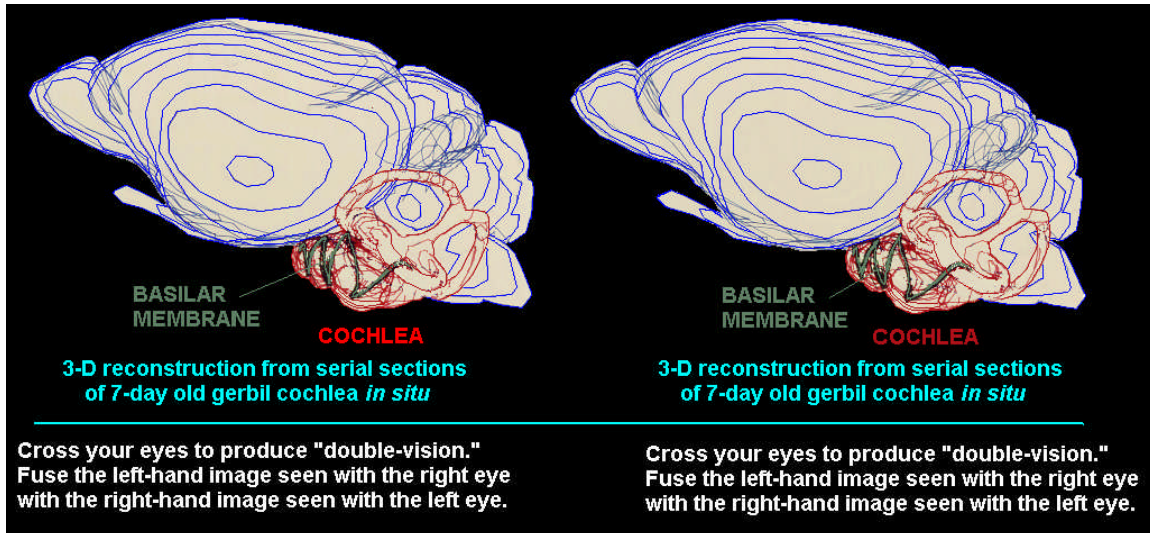




Auditory Research



This stereo pair shows the reconstruction from serial sections of the entire head of a gerbil. Only the surface of the brain, the cochlear capsule and the basilar membrane were digitized. The **BASILAR MEMBRANE** is the structure in the inner ear that holds the auditory sensory receptor cells. Its spiral shape is best viewed in 3-D.

I realize that your Grandmother probably told you never to cross your eyes, but this is for the sake of science. Begin by viewing the screen at a distance of 5-10 feet. Place the tip of your index finger about 6-8 inches in front of your face lined up between your eyes and the center of the screen. Focus on your finger. Now, slowly drop your finger but keep looking at that point in space where your finger was. Try tilting your head side-to-side to help line up the two images vertically. When the left-hand image seen with the right eye lines up exactly with the right-hand image seen with the left eye, your brain circuits automatically "lock in" and you no longer have to struggle to converge your eyes. You will now see three panels – the middle one in 3-D! Once your ocular-motor circuits are locked in you can get closer to look at details. Good luck!! Please let me know if it works for you. DMH

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