

Worksheet for lecture 19

- Define sound.
- Make a flow diagram (i.e. labeled box → labeled box → etc.) of the path of sound from the outside world to a receptor hair cell in the inner ear. (If you are into drawings, then you could draw external, middle and inner ear components, and of course label each part.)
- Diagram the neural circuitry for hearing starting with hair cells in the inner ear and ending in primary auditory cortex. Be sure to label and show the position of each cell in the circuit. Also, indicate the transition from PNS to CNS.
- Make a simple drawing of the inner ear labyrinth. Label each major component.
- How do the auditory and vestibular systems differ from one another?