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Fach: Curriculum Neurosensorik

1. State the number of inner hair cells, number of its connecting fibers and approx. number of neurons in the inner ear:
2. Name 2-3 steps by which the extraordinary dynamic range of sound perception is performed:
3. Name different cell types in the ventral cochlea nucleus (VCN):
4. Describe the task of spherical and globular bushy cells in the cochlea nucleus and nuclei through which their function is realized:
5. Where you find the synapse of Held and what is its special function?
6. What is the function of the Inferior Colliculus and name 3 parts with functions:
7. What is the function of the MGB (medial geniculate body) and name 3 parts with its functions:
8. Through which central auditory nuclei is sound intensity encoded in contrast to sound direction (give only key words)?
9. Describe 3 parts of the auditory cortex and give few words to separate its functions:
10. Where is spectral in contrast to temporal sound information perceived in the auditory cortex?