

Date: 18-Jan-2010
Locality: THRC Tübingen

NAME:

Fach:

1. Name the gap junction proteins that participate to hearing loss
2. Which genes cause Jervell Lange Nielsen Syndrom
3. Which Usher Proteins have been described already to be expressed in Synapse Regions of the Inner Ear?
4. Where Cav1.3 and Whirlin have been described in the retina
5. Which Glutamate Receptor Subtypes are expressed in Inner Hair cells
6. What is the role of Cav1.3 in IHCs and how much of Ca-current is carried through this channel
7. Which channels and subtypes modulate spike activity in IHCs
8. What is the range of spike activity among auditory fibers
9. How is the dynamic range of sound intensity coded towards auditory fibers
10. Describe different anatomic features of distinct auditory fiber subtypes