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113





A standing current that powers:

mechanotransduction
cochlear amplifier







1966 - Heinrich Spoendlin

discovers that up to 95 percent of auditory nerve fibers terminate on the inner hair cells

































































Non mammals have Cochlear Amplifiers but <u>NO</u> OHCs

- ≻They do have otoacoustic emissions
- >Their hair cells do not have somatic motility
- Amplifier is postulated to originate in stereocilia
- >A form of electromotility/adaptation occurs in hair cell stereocilia bundles

32









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Bilager-inclusion modelThe production of the production of the



















