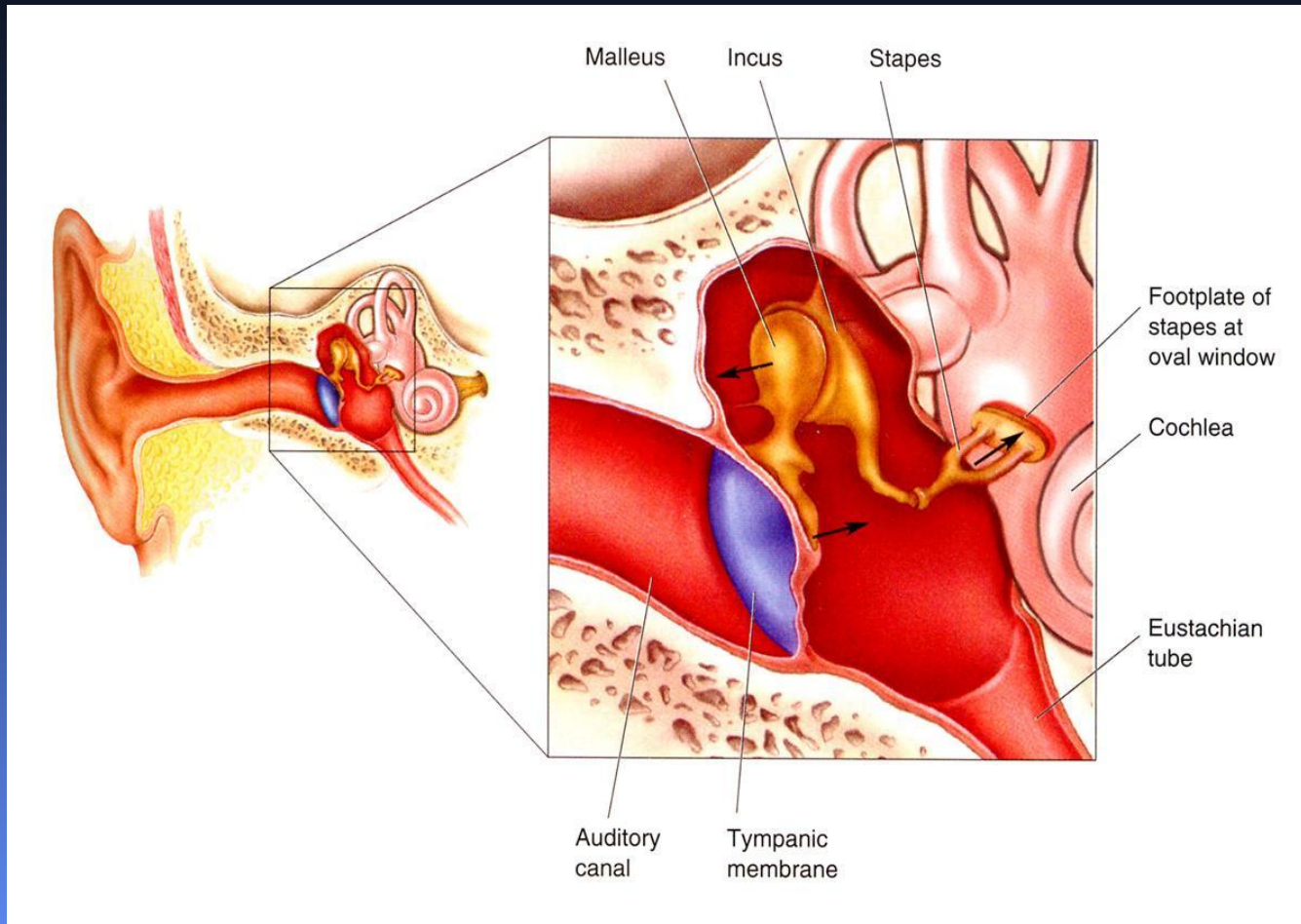
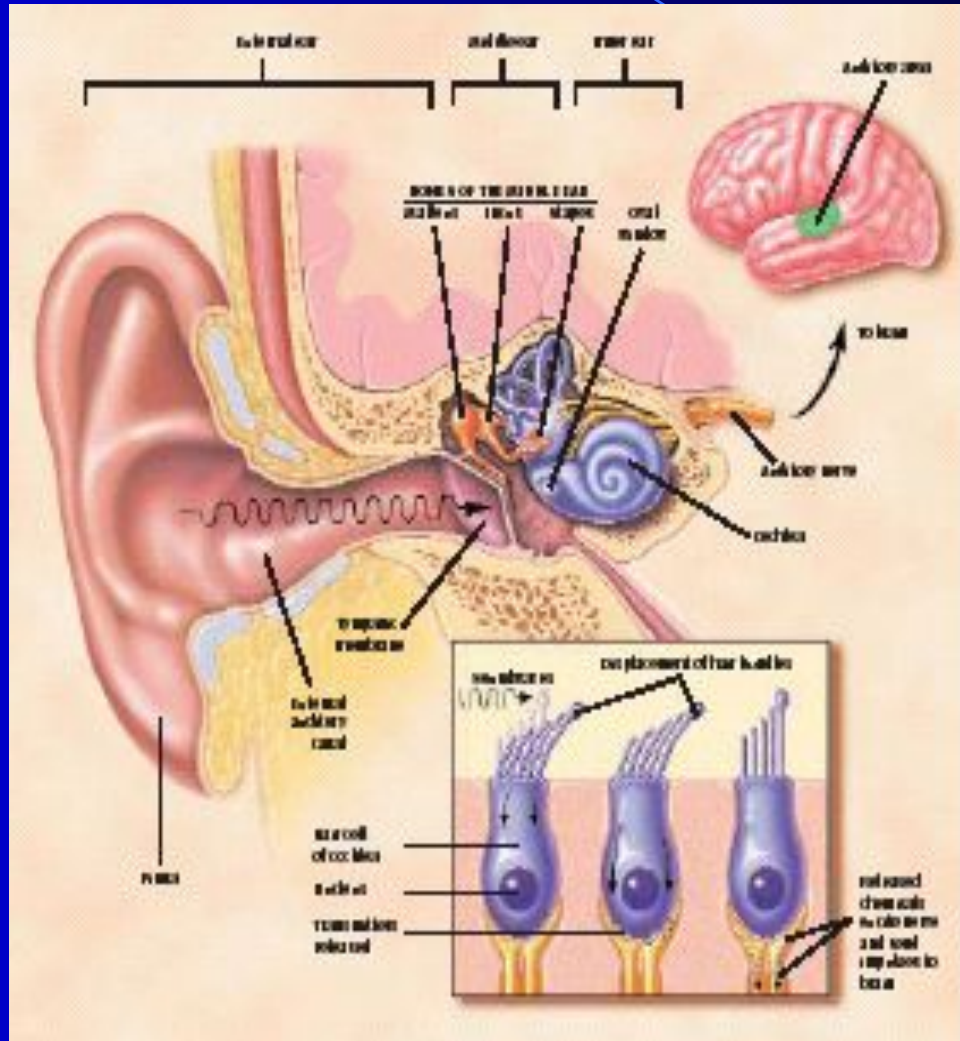


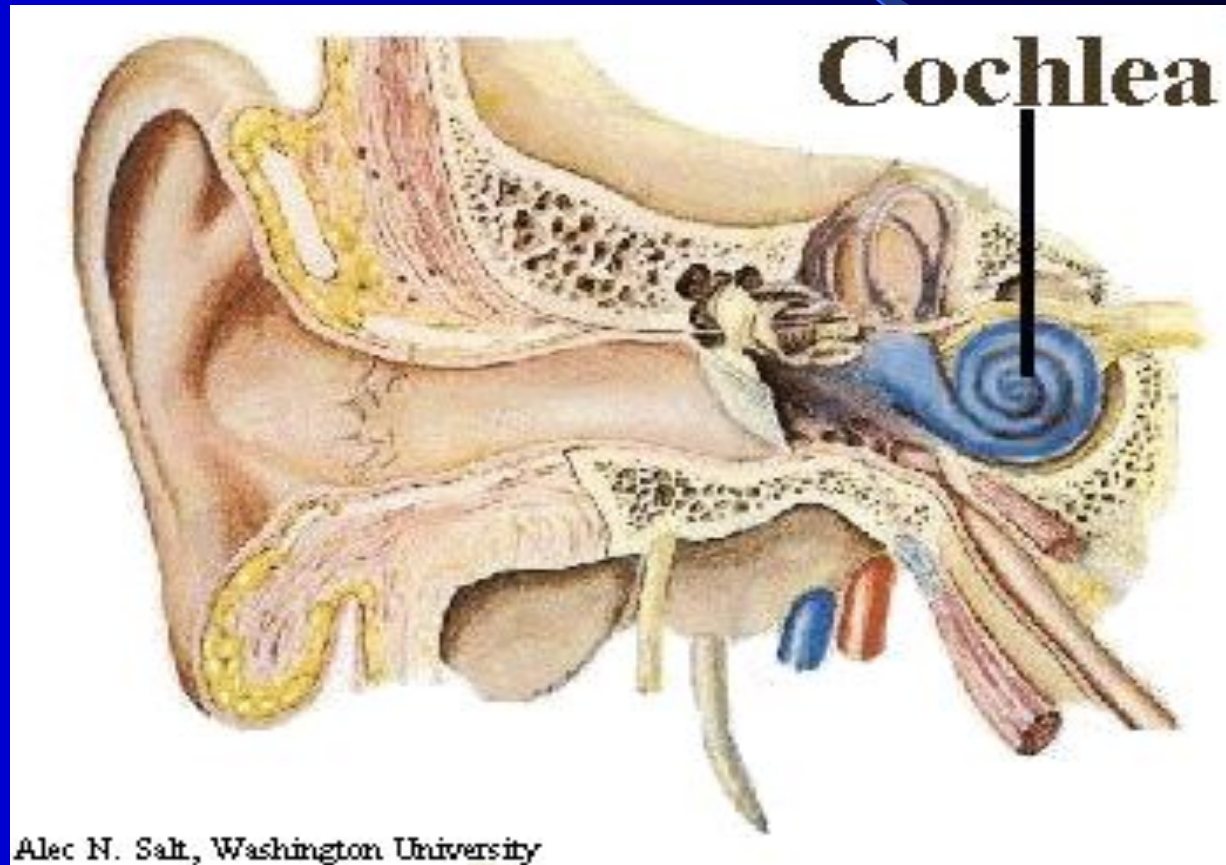
Наружное и среднее ухо



Слуховой анализатор



Строение уха



Alec N. Salt, Washington University

Схема наружного, среднего и внутреннего уха

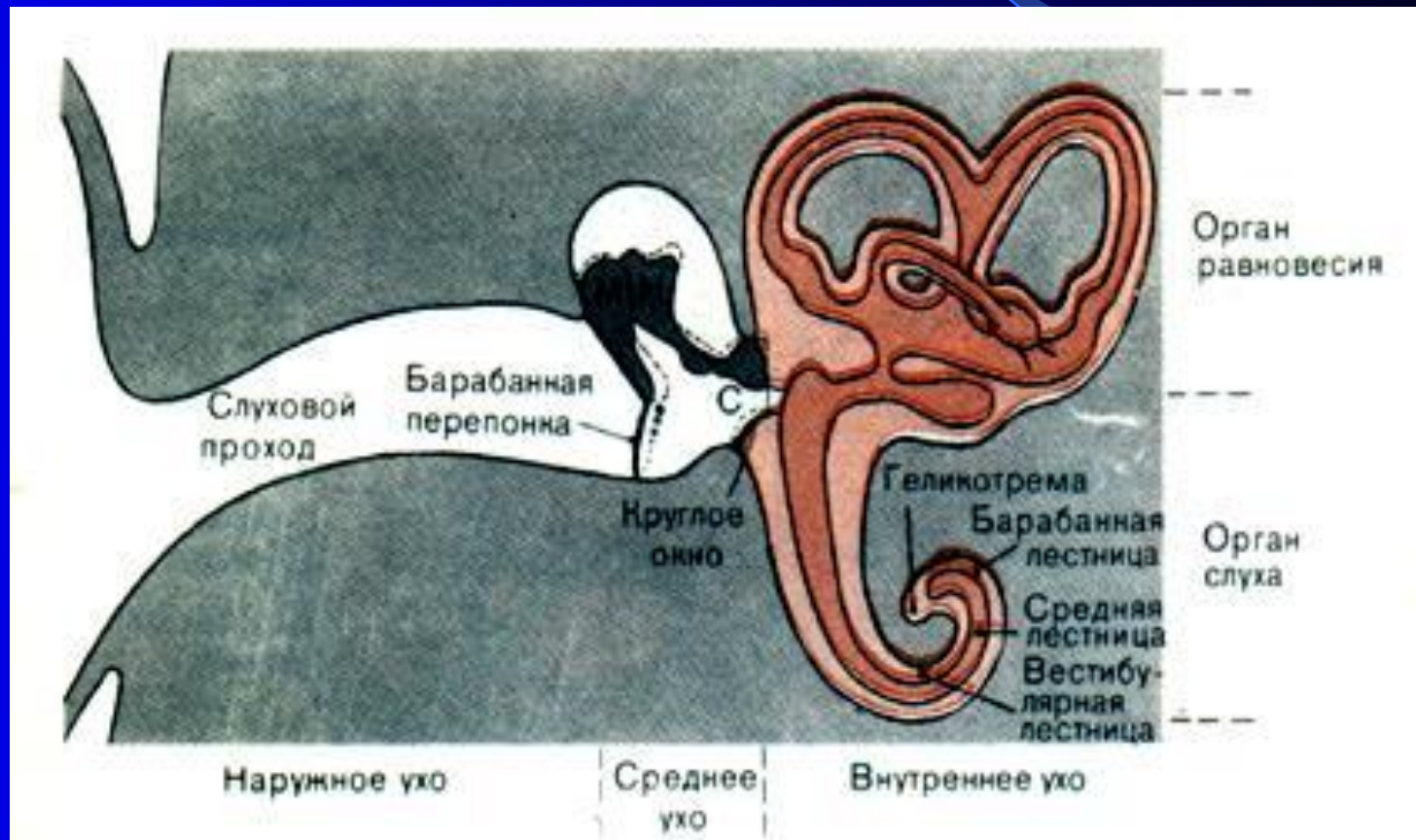
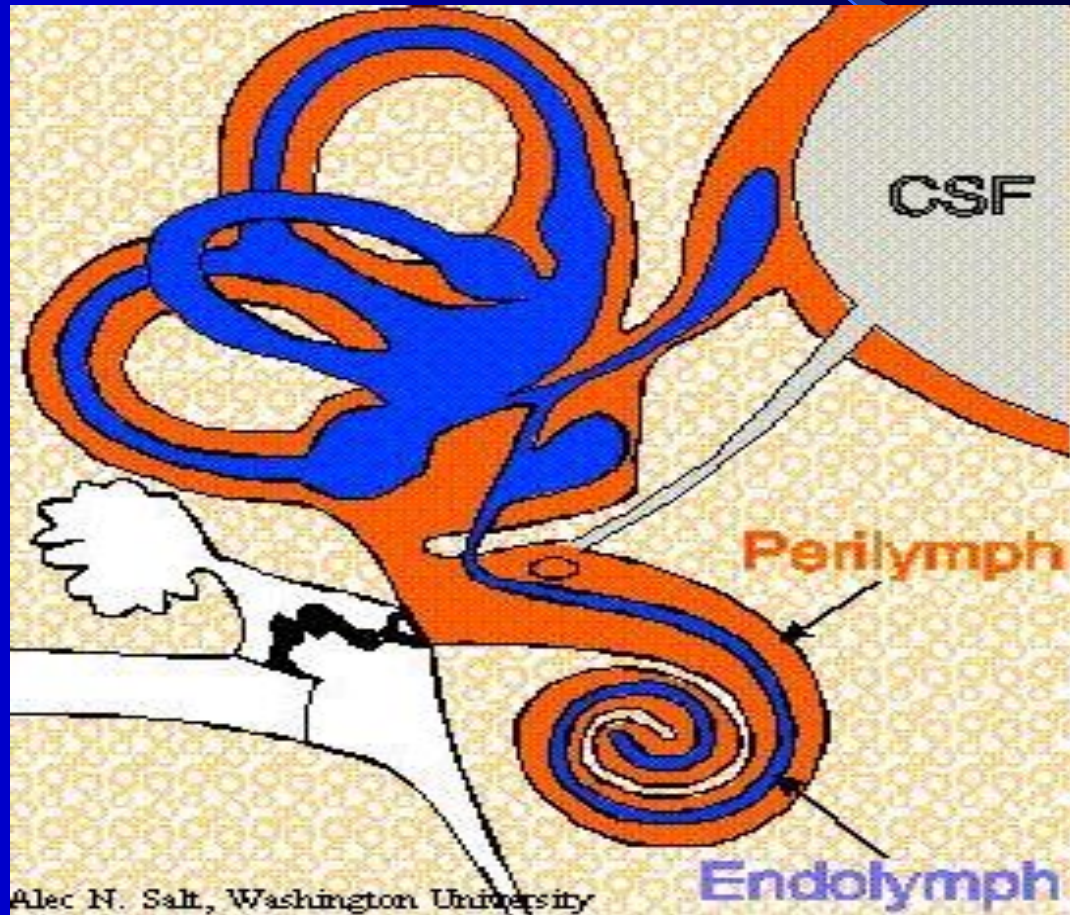


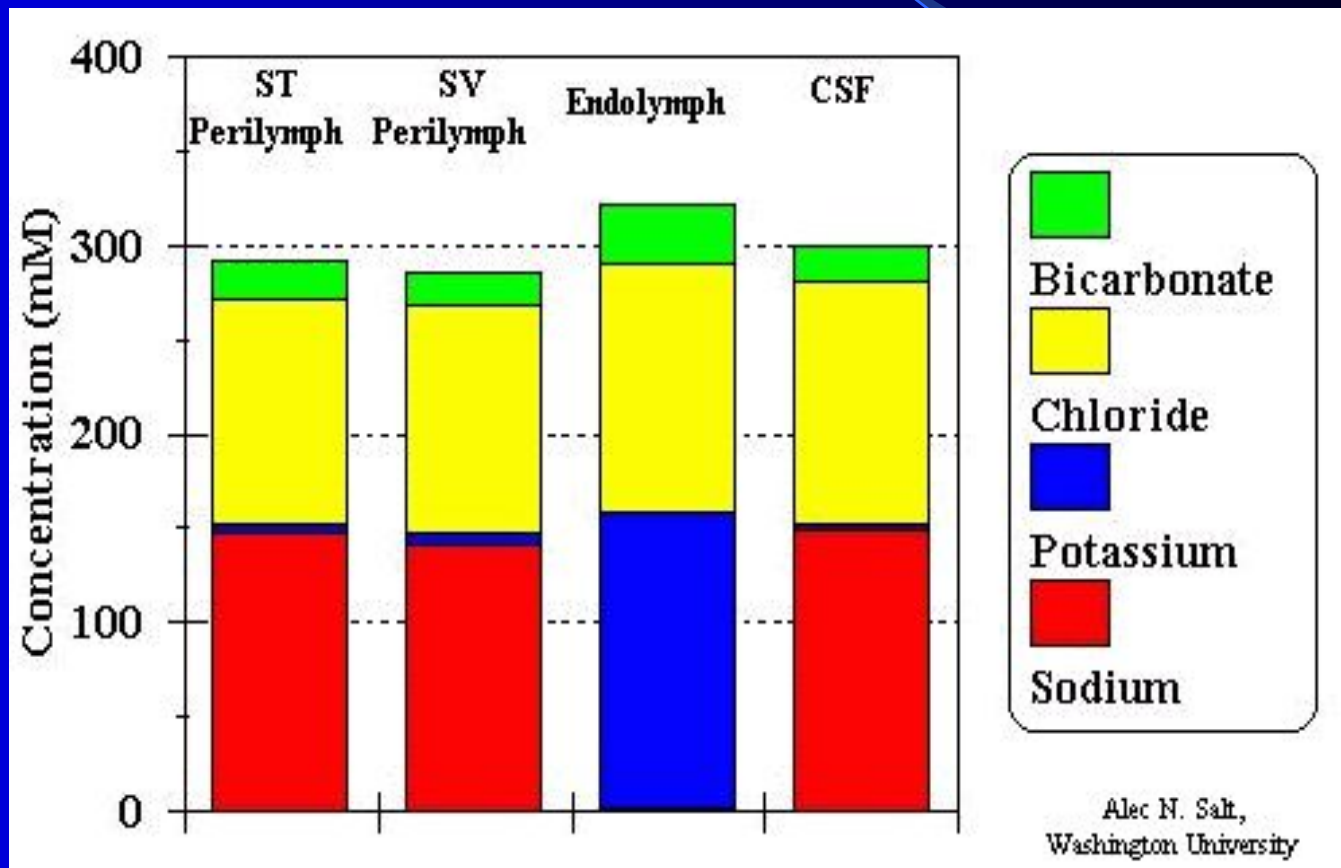
Схема внутреннего уха



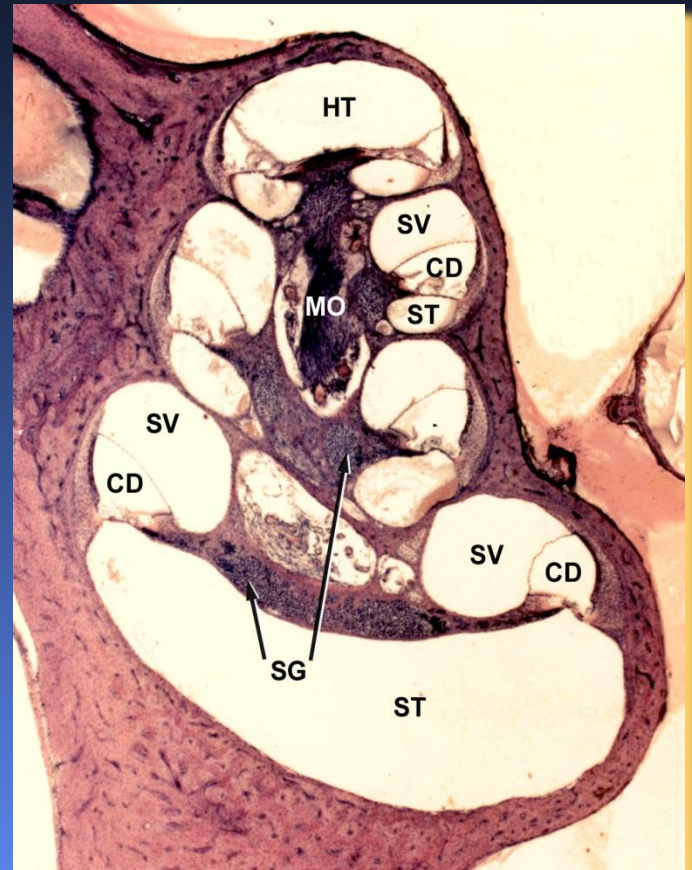
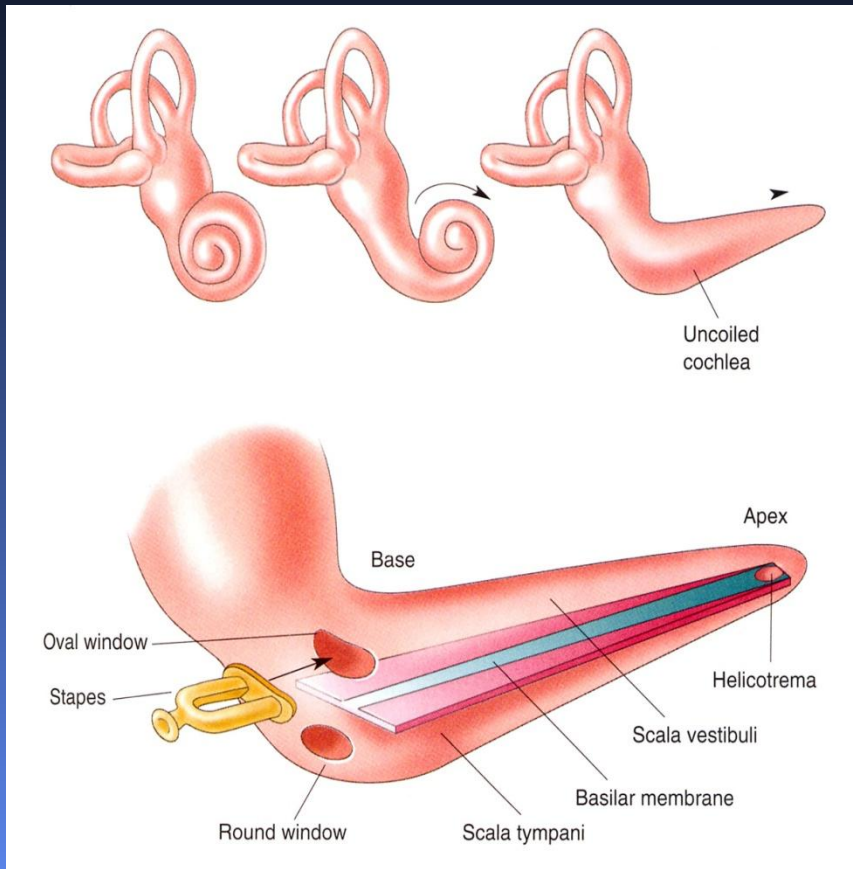
Улитка



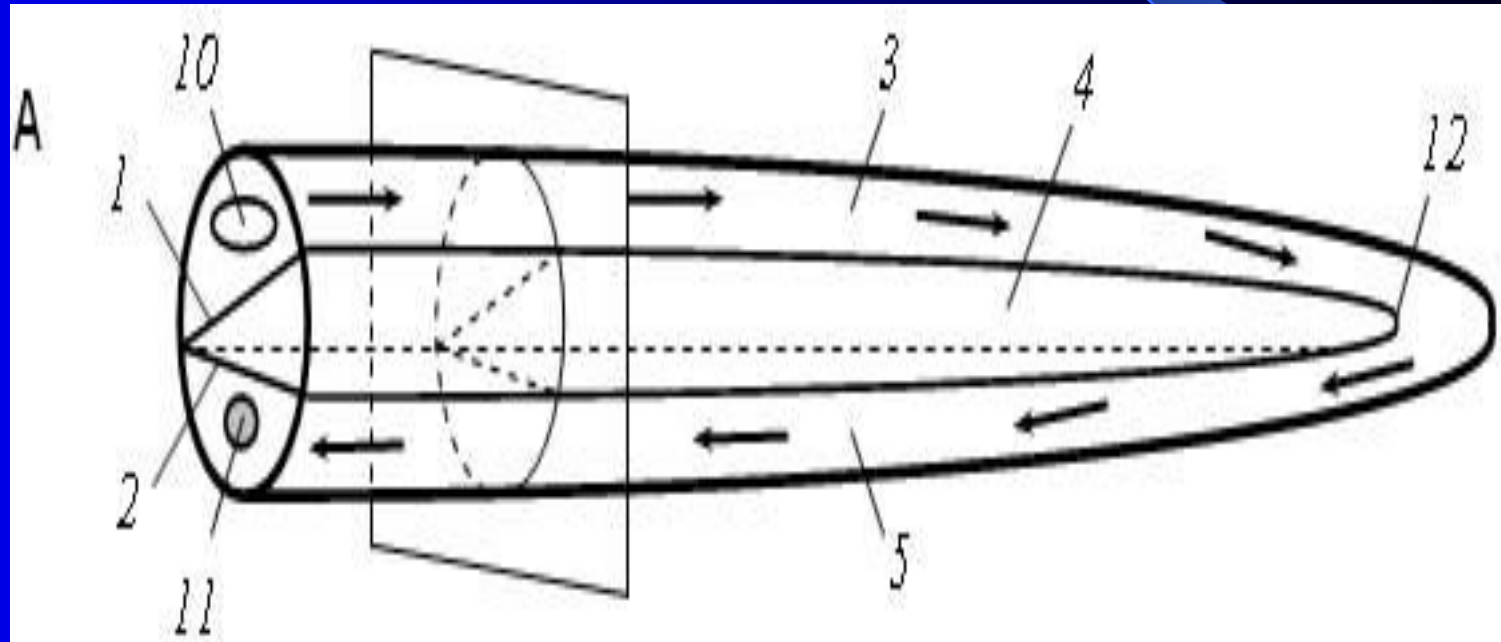
Перилимфа и эндолимфа



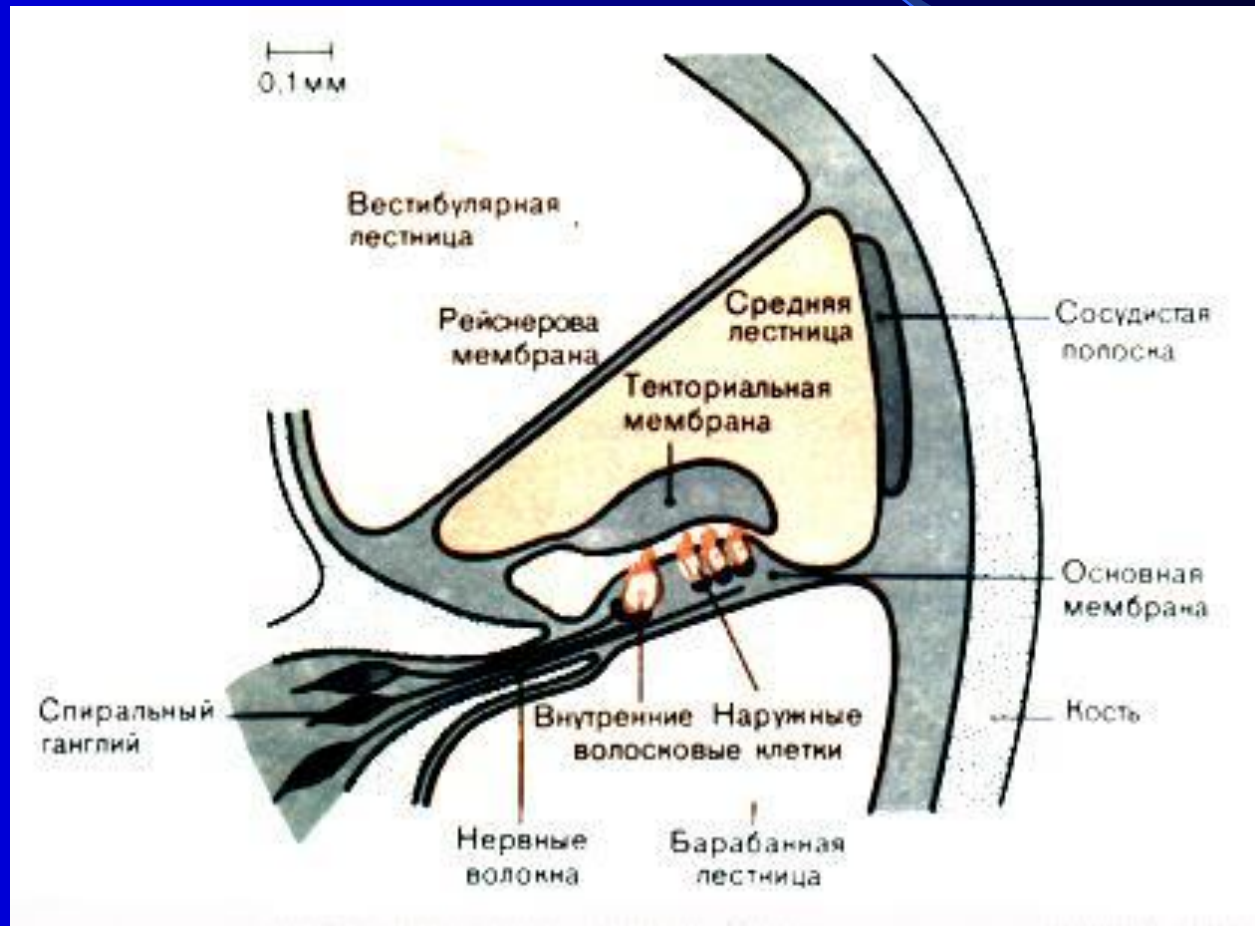
Внутреннее ухо - улитка



Поперечный разрез завитка улитки

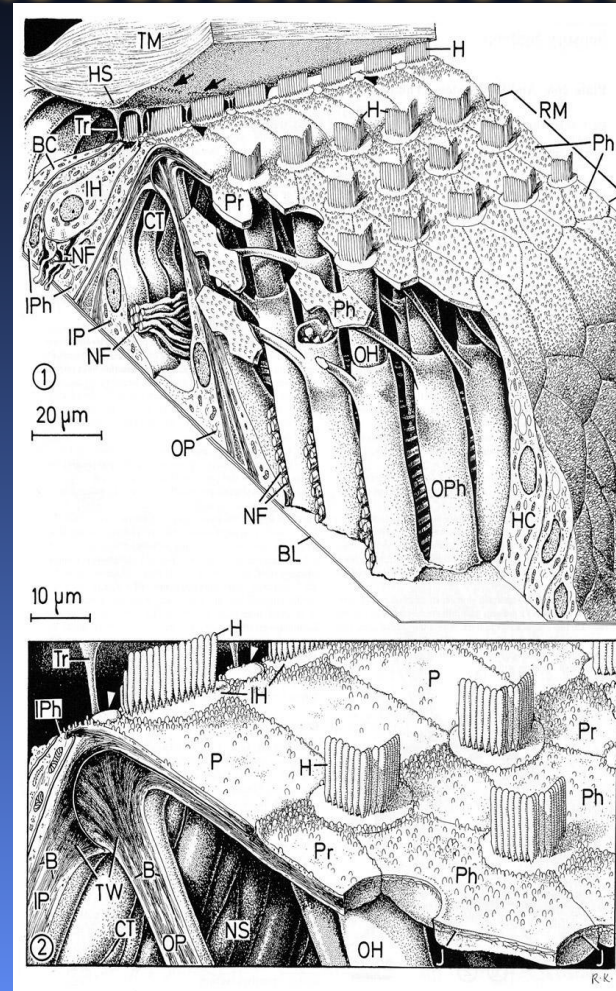
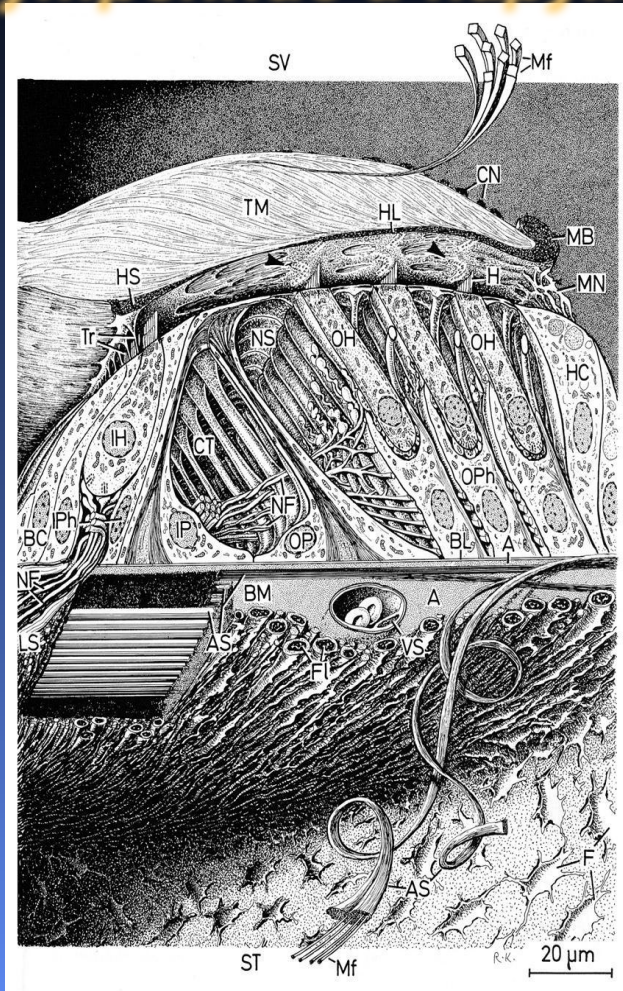


Поперечный разрез улитки

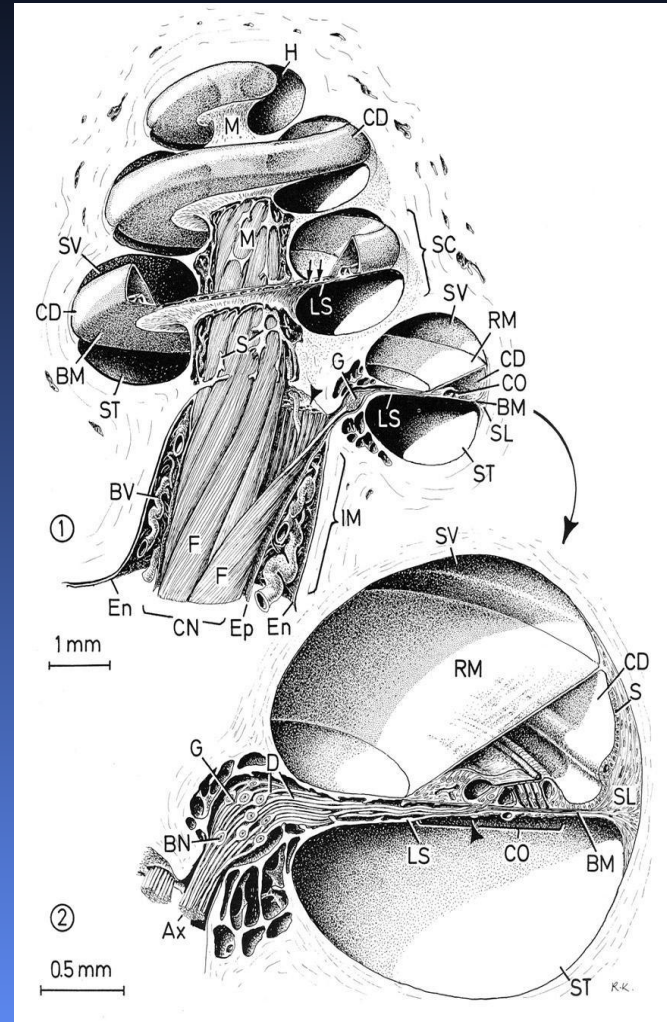
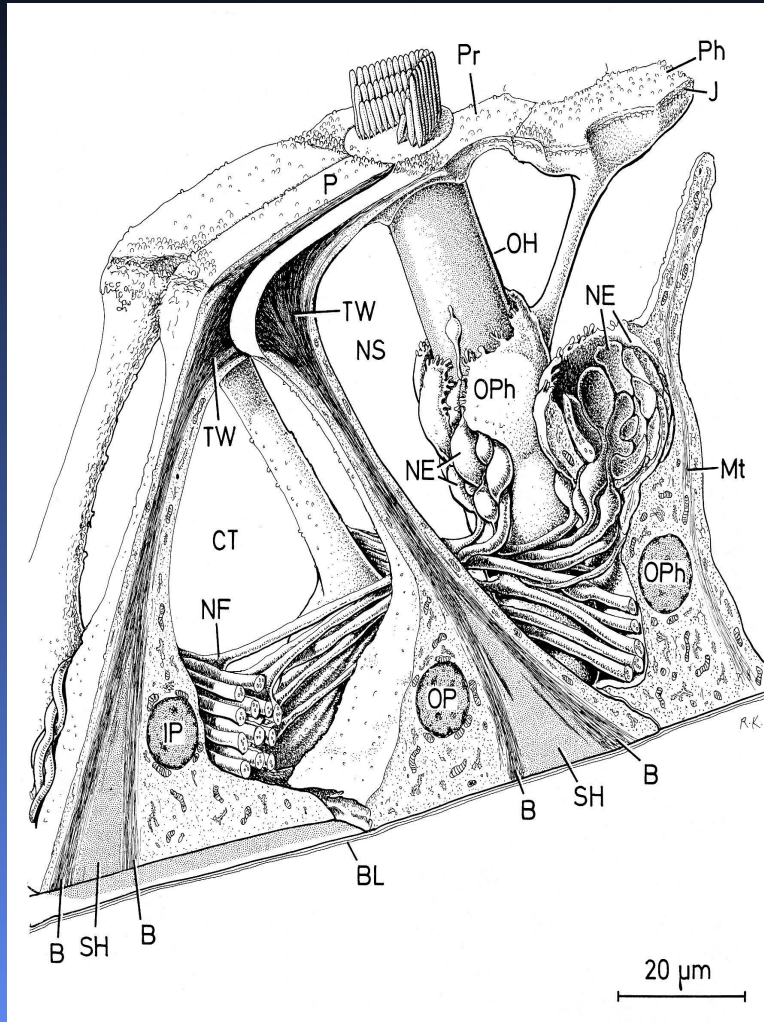


Кортиев орган –

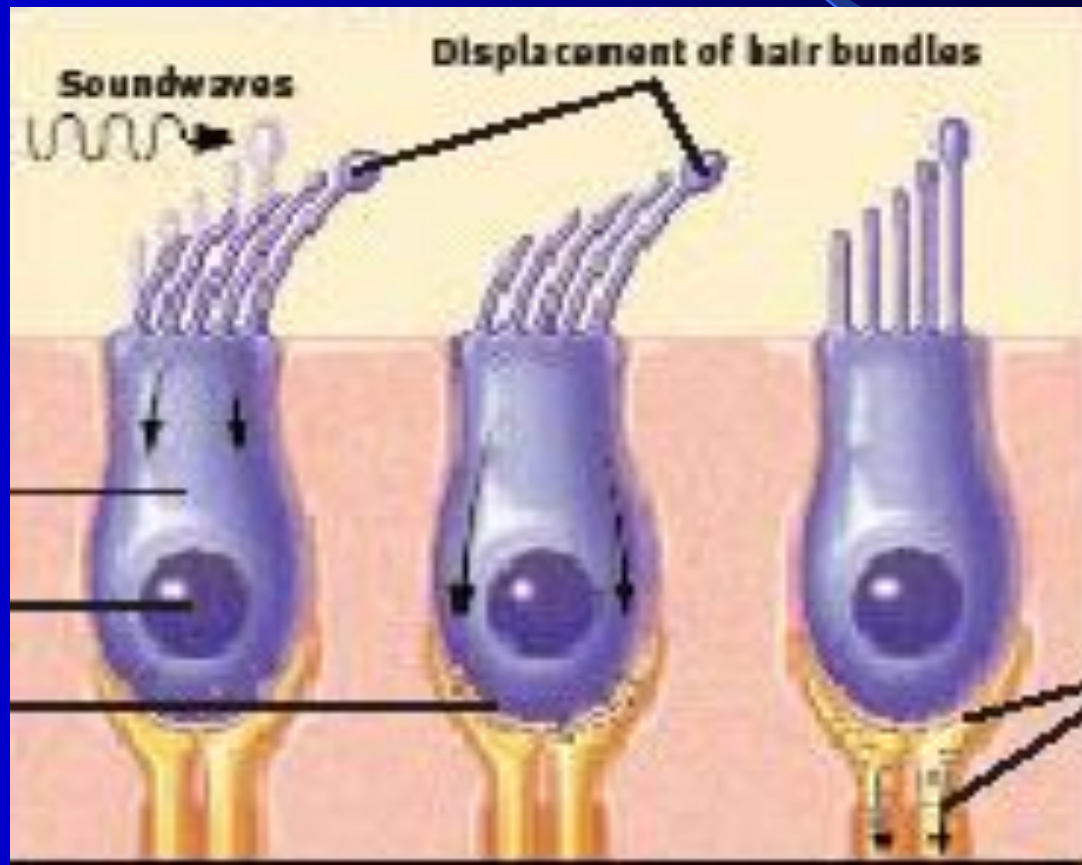
внутренние и наружные волосковые клетки

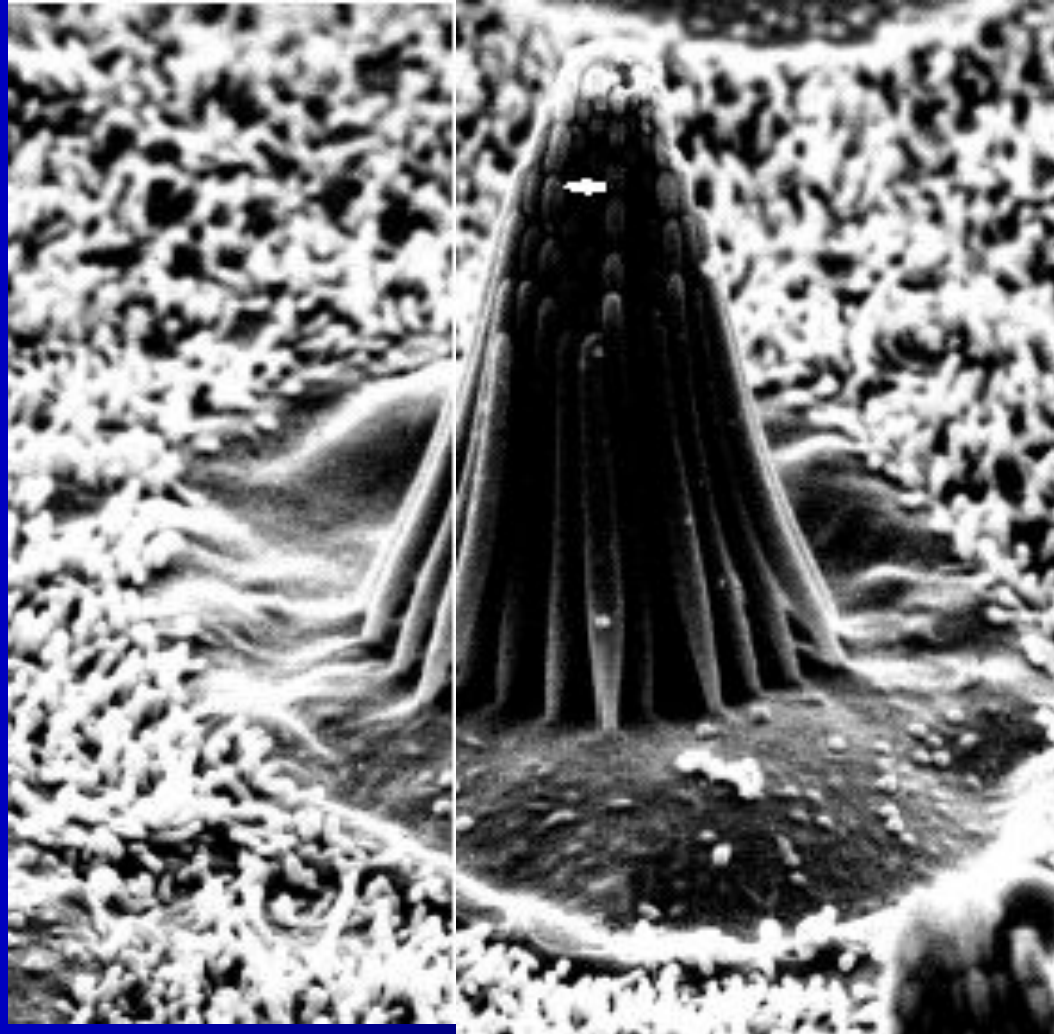


Спиральный ганглий



Волосковые клетки





A TIP LINK PULLS UP THE GATE OF A CHANNEL.

In this sketch, James
Hilalopolski suggests how
the movement of a hair-
cell's cilia bundle (top)
opens ion channels on
the tips of stereocilia. When
the bundle tilts to the right, tip links from
higher cilia pull up the gates of ion chan-
nels on adjoining, shorter cilia.

A close-up shows how a tip link between
two cilia opens an ion channel on the shorter cilia.

Even more highly magnified (right), the open channel allows ions
into the cell. A cluster of α units encloses the taller cilia; is
shown in green and more subtle elements are shown in blue.

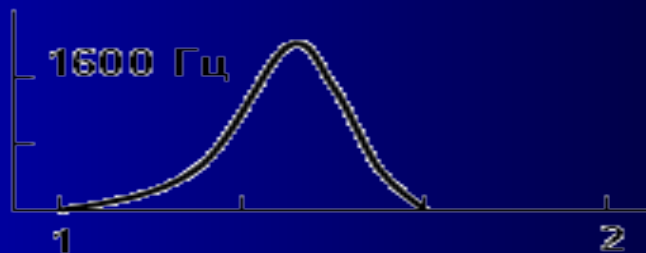
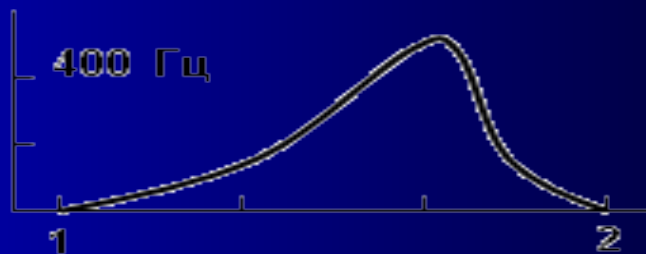
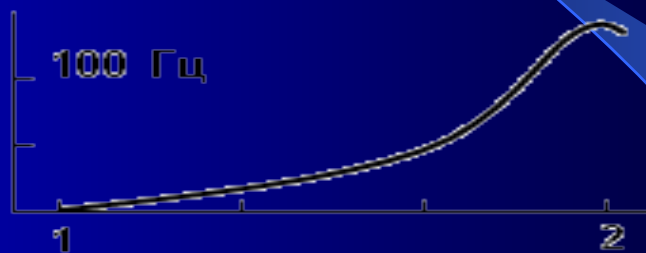


А

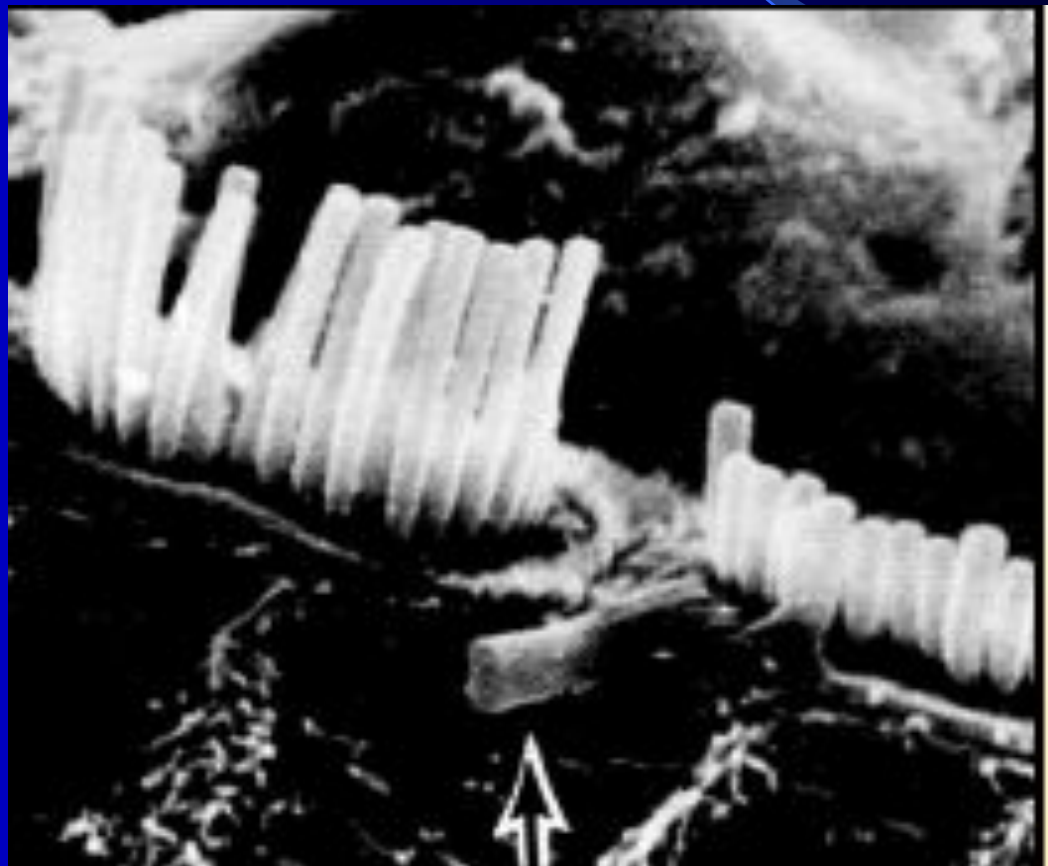


Б

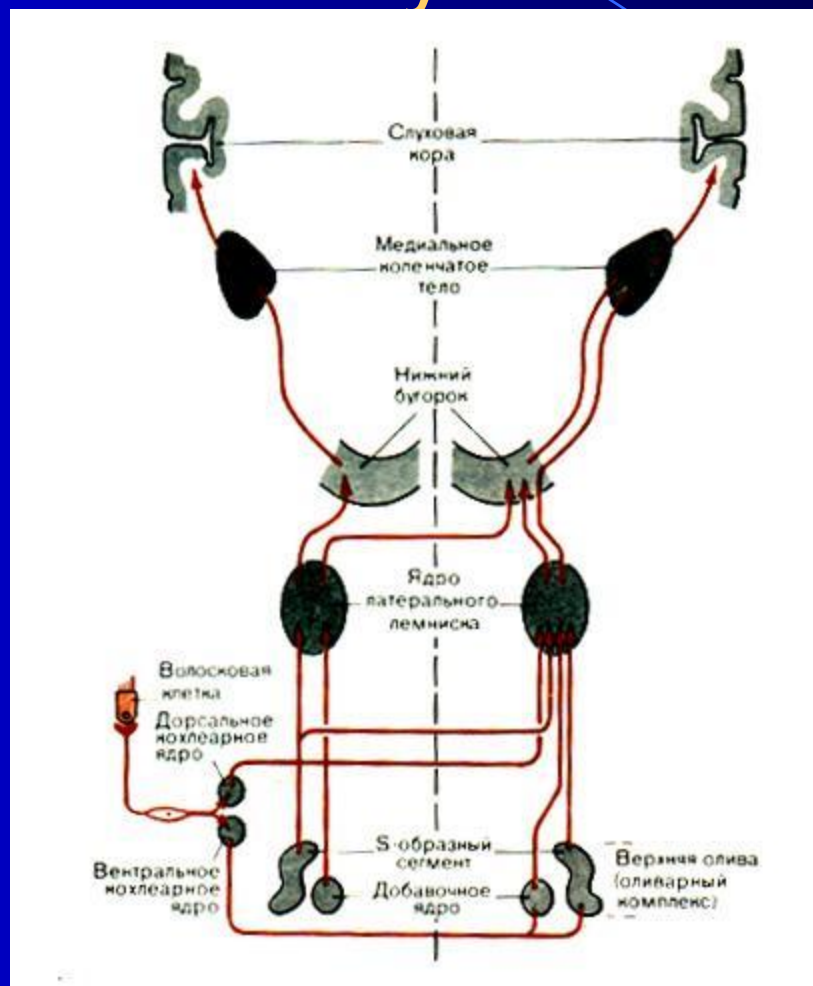
Амплитуда колебаний базальной мембраны



Цилии волосковой клетки кошки после 2 часов громкого звука



Упрощенная схема проводящих путей



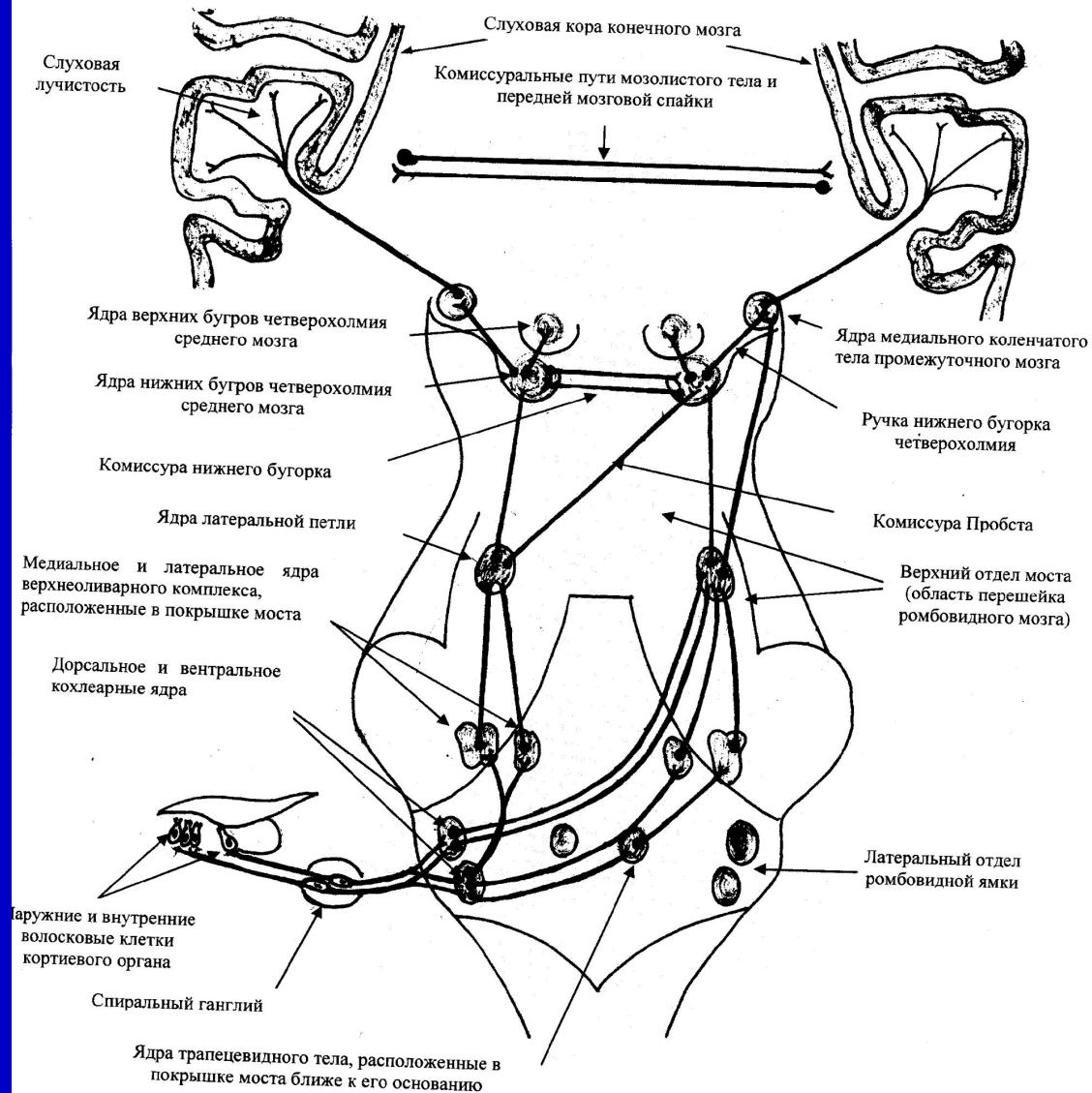


Рис. 3. Схема афферентных путей между основными структурами слуховой системы человека идущих от левого уха.