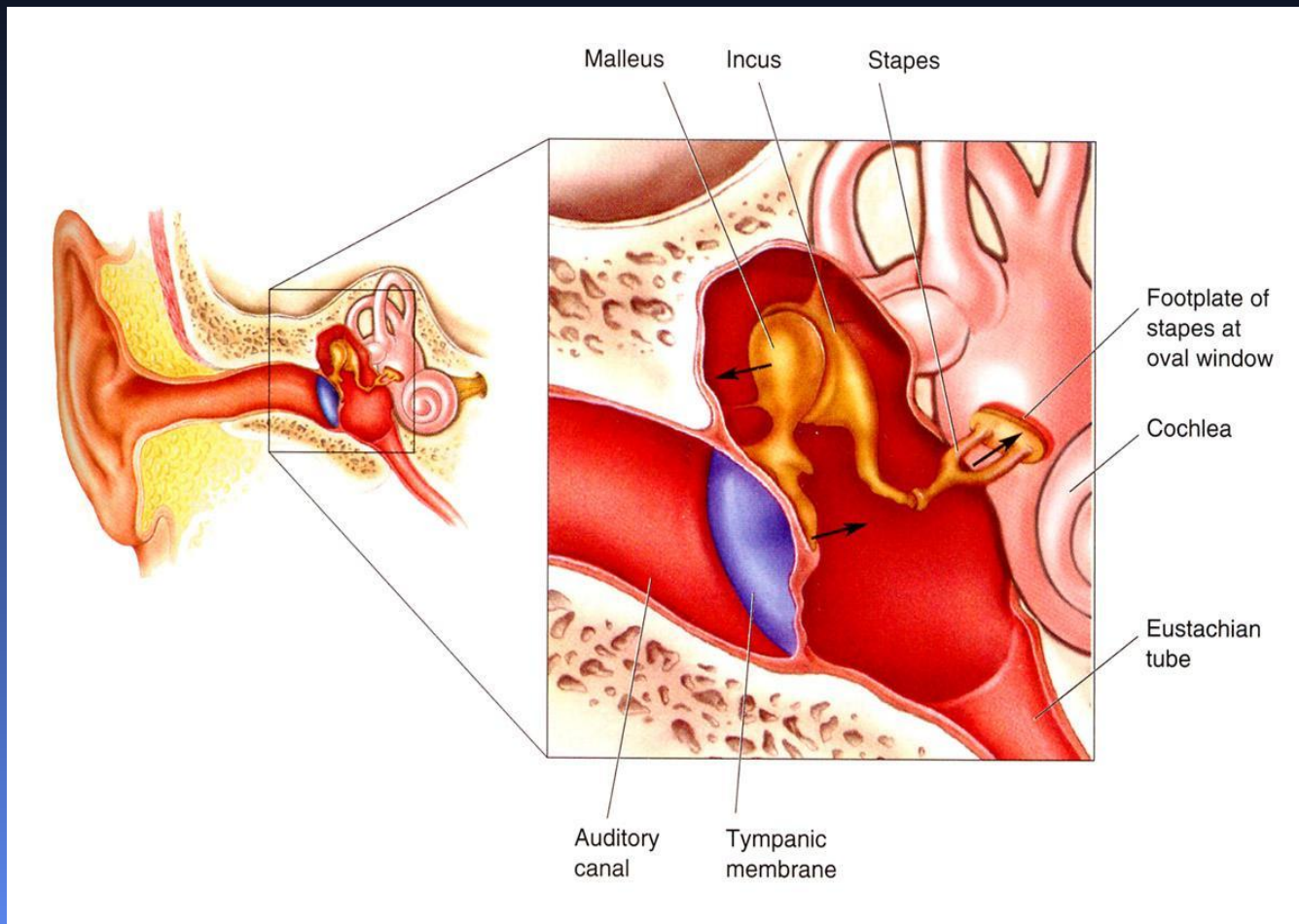


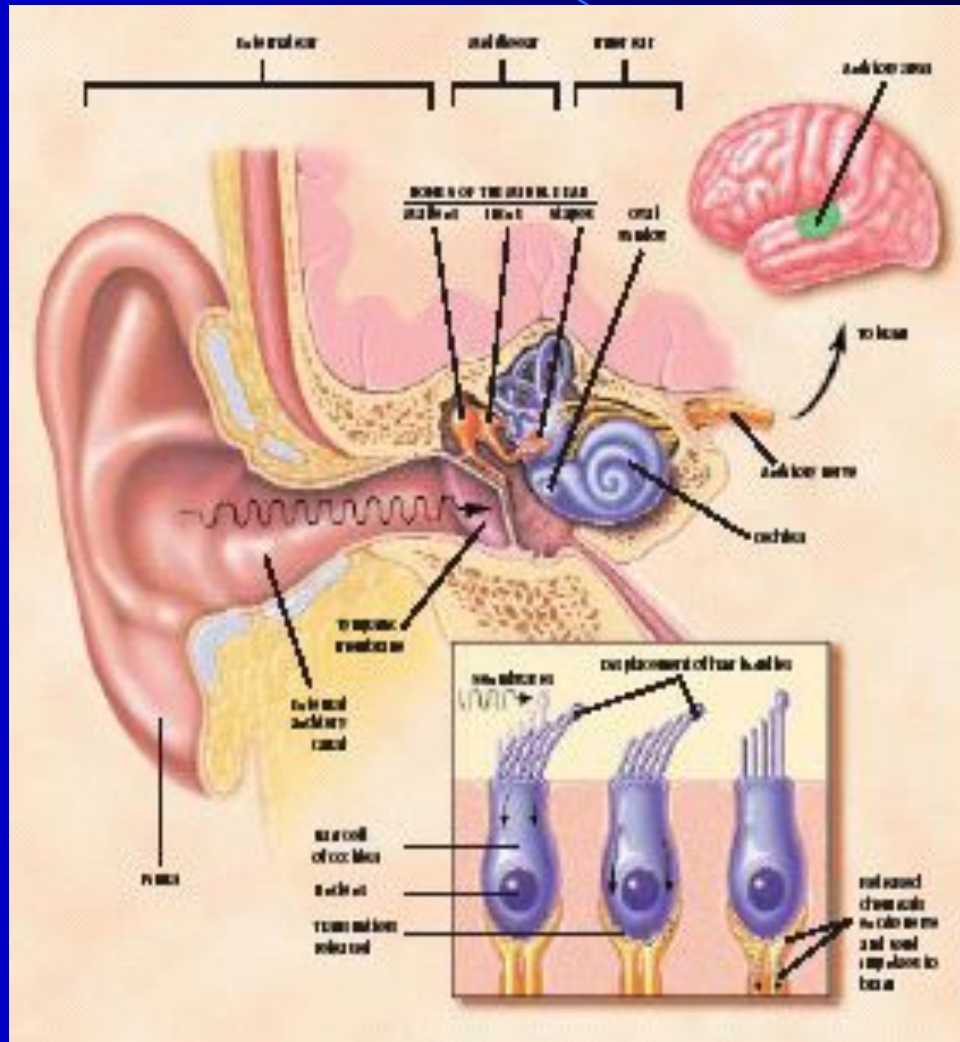
# Слуховой анализатор



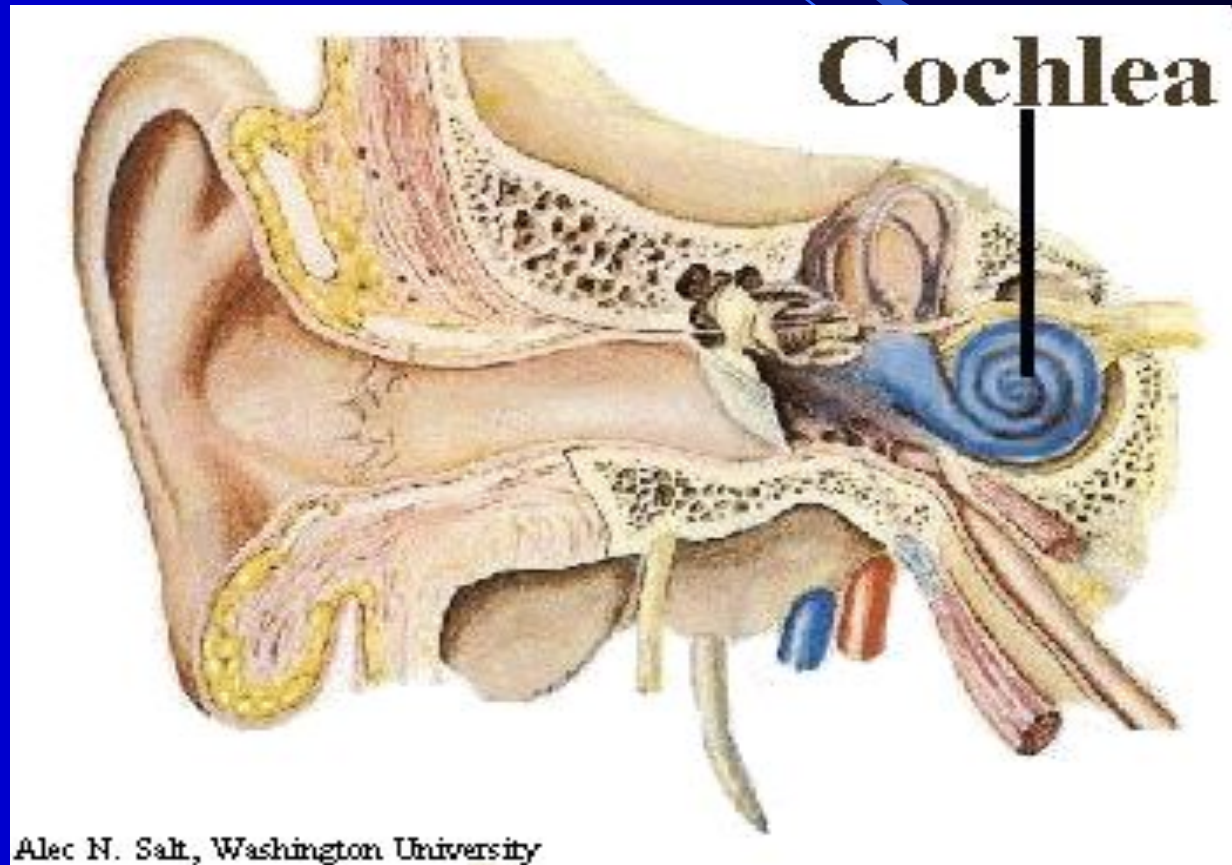
# Наружное и среднее ухо



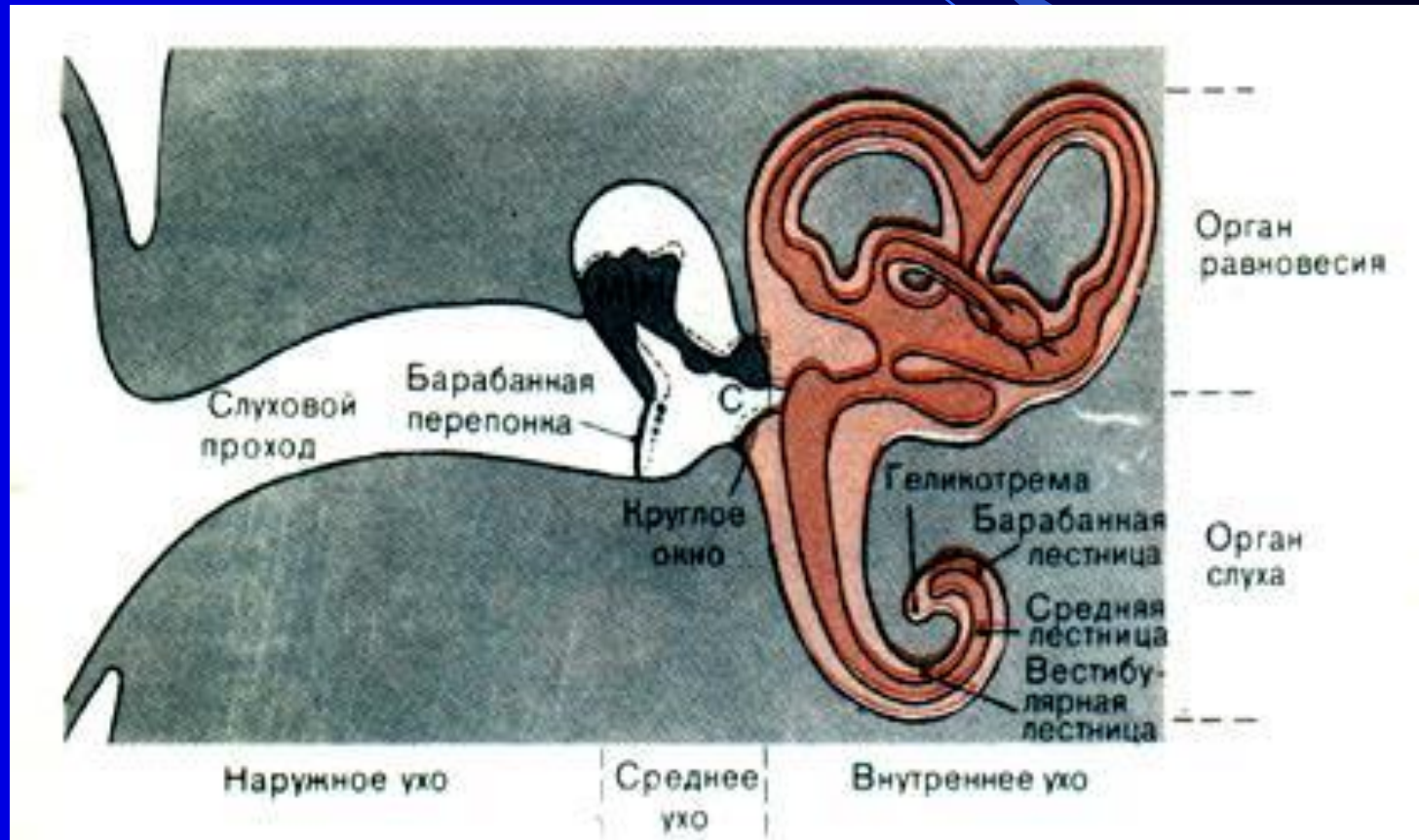
# Слуховой анализатор



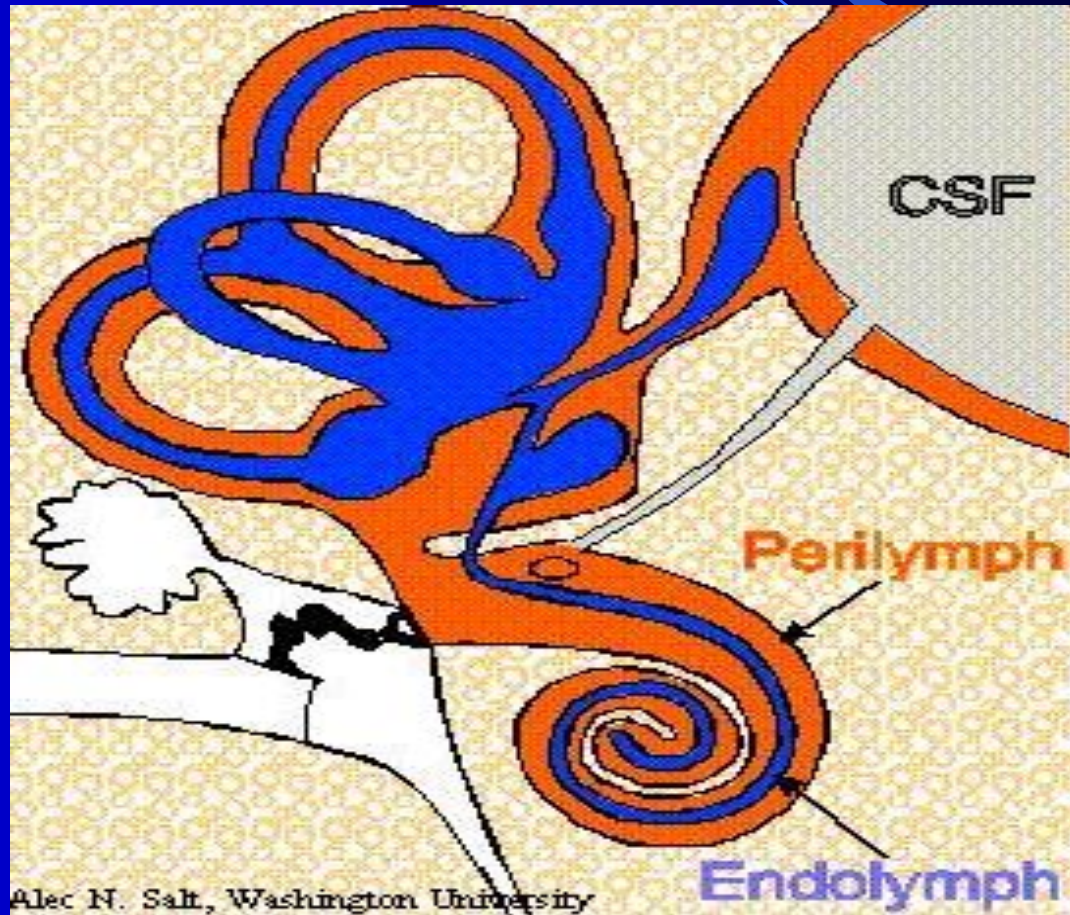
# Строение уха



# Схема наружного, среднего и внутреннего уха



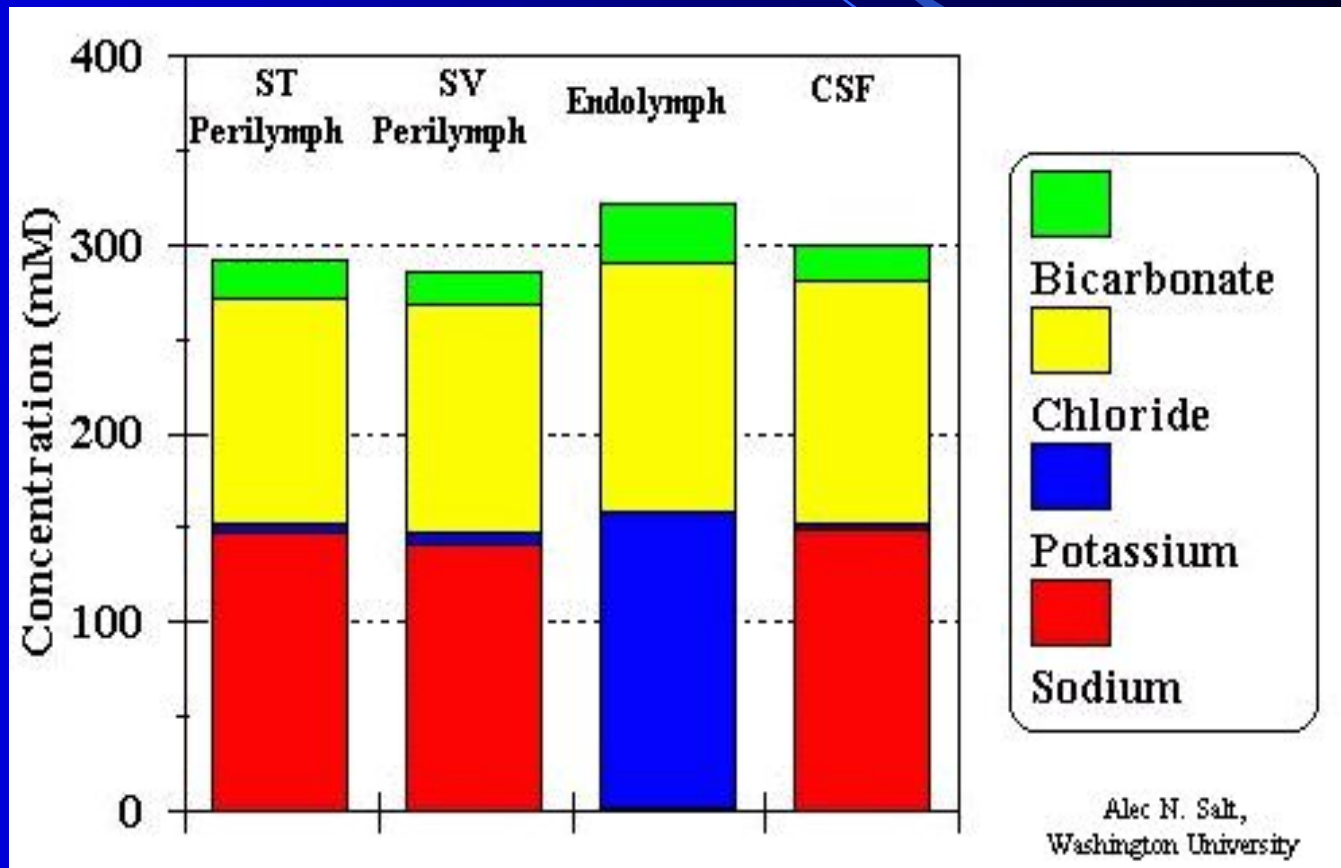
# Схема внутреннего уха



# Улитка

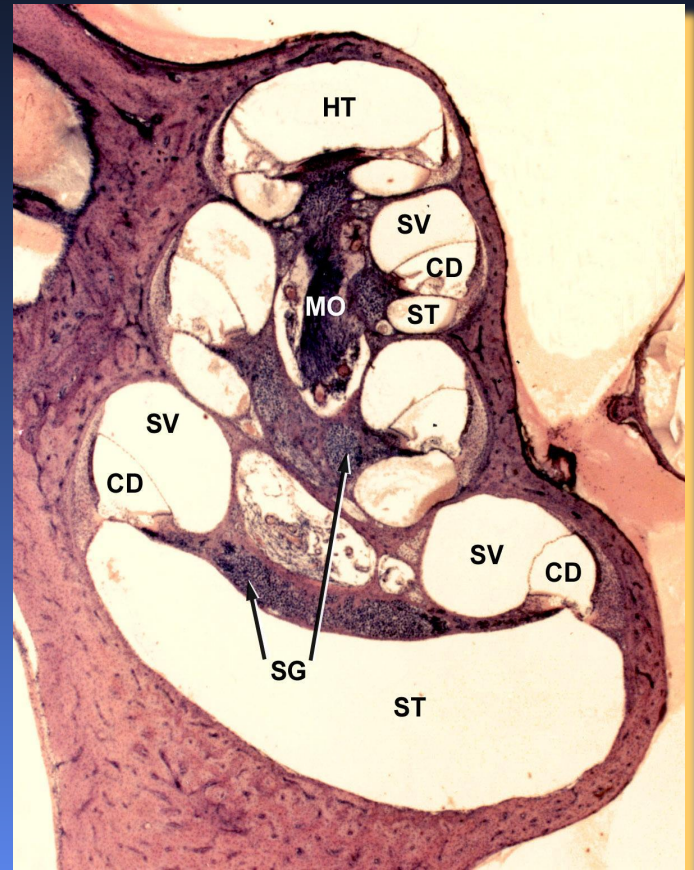
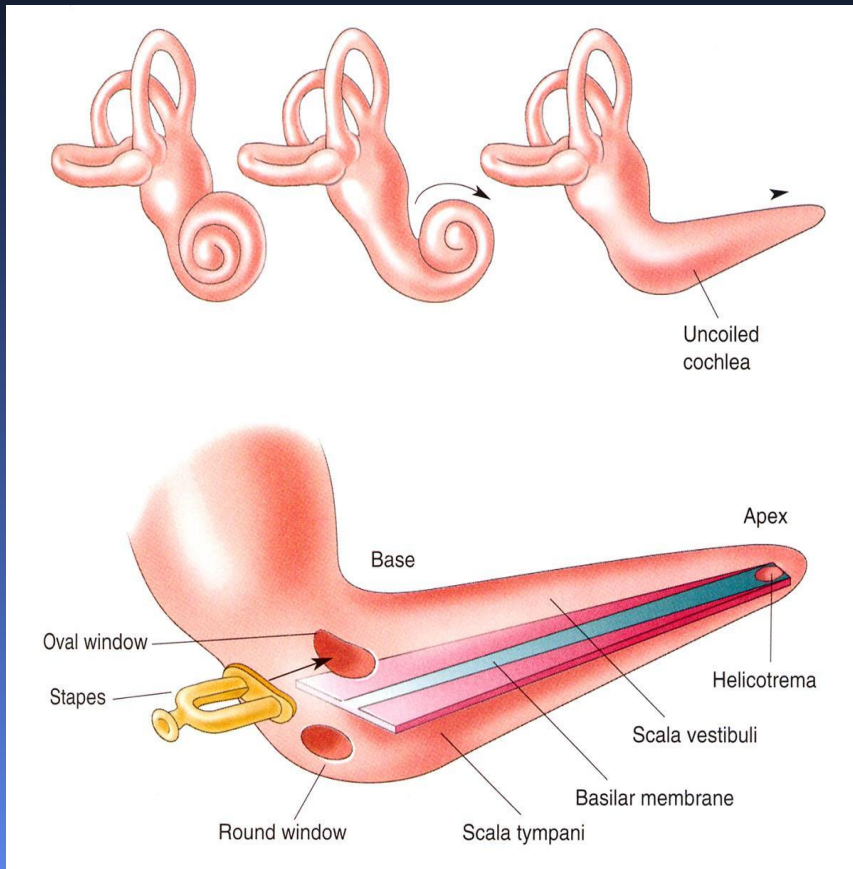


# Перилимфа и эндолимфа

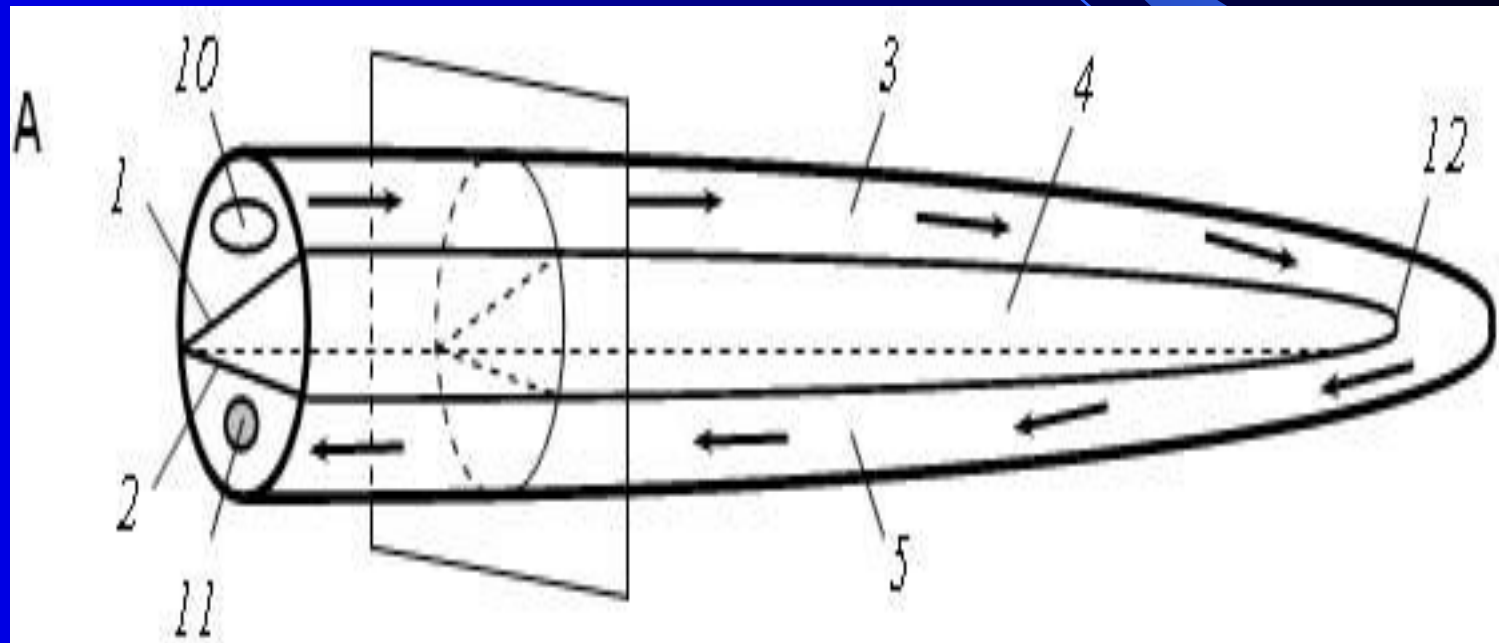




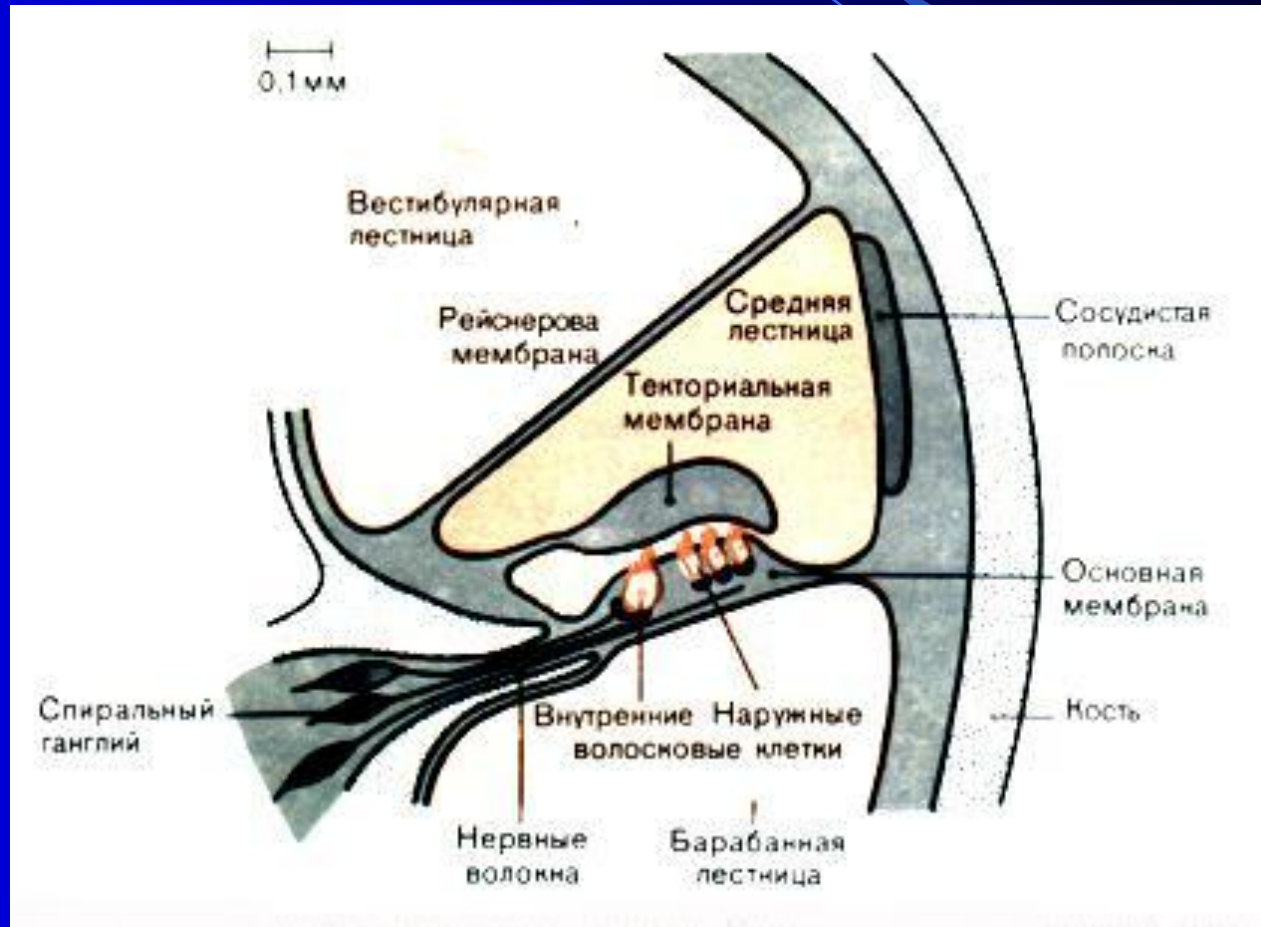
# Внутреннее ухо - улитка



# Поперечный разрез завитка улитки

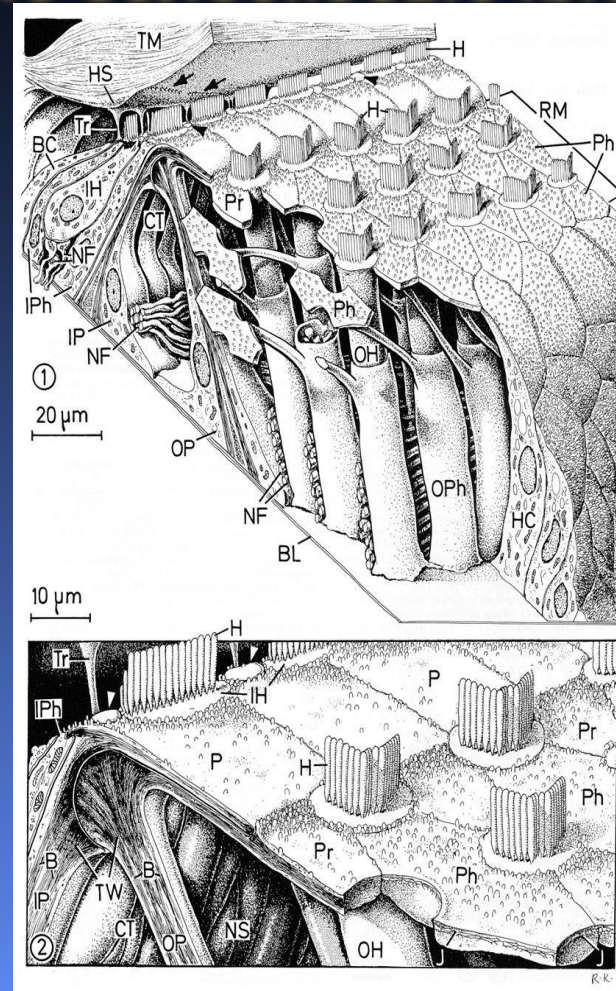
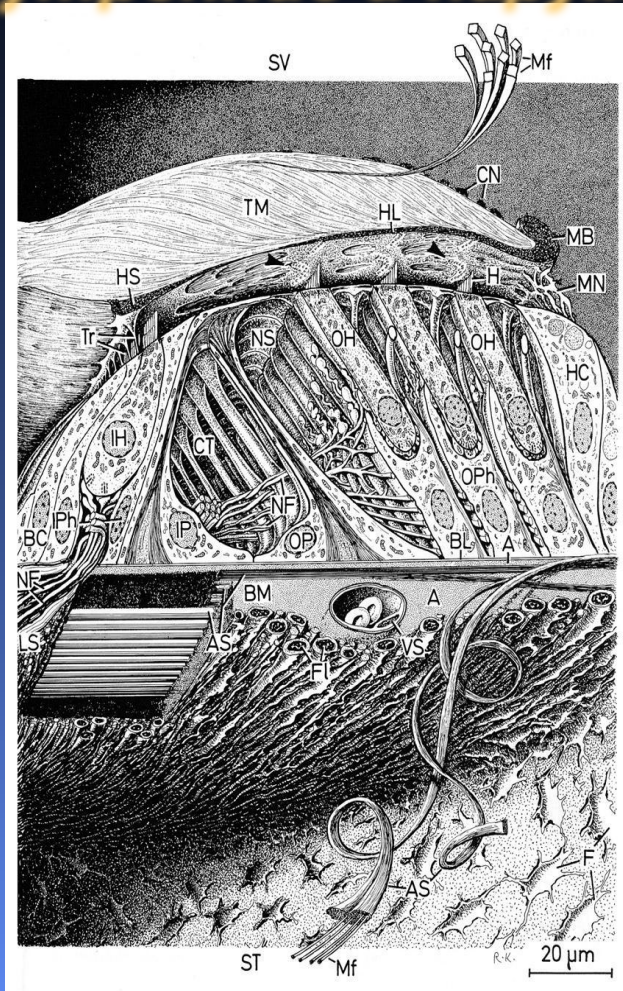


# Поперечный разрез улитки

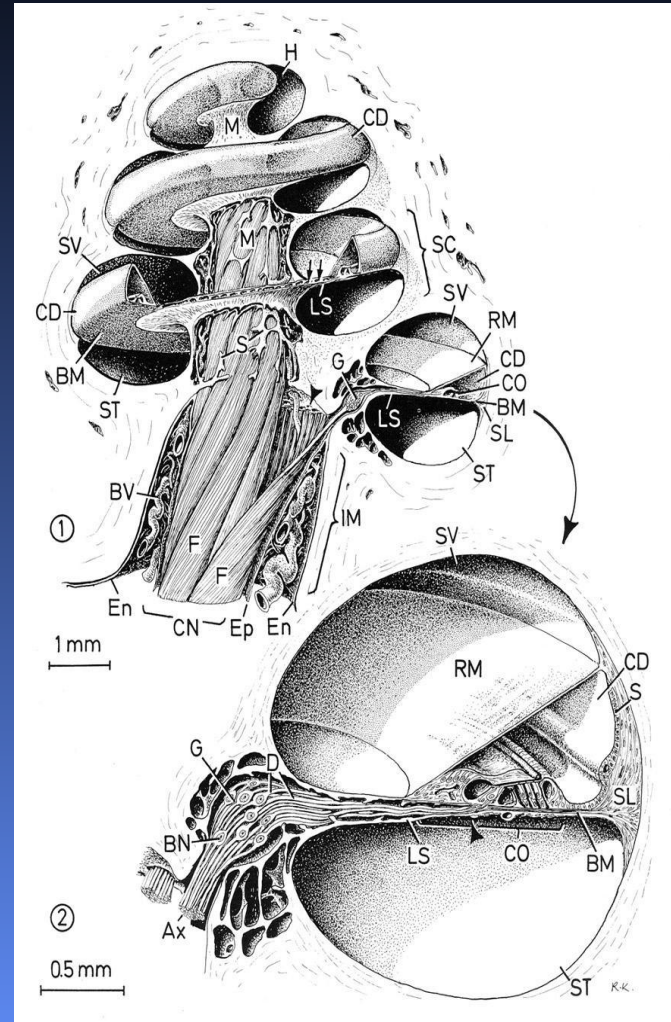
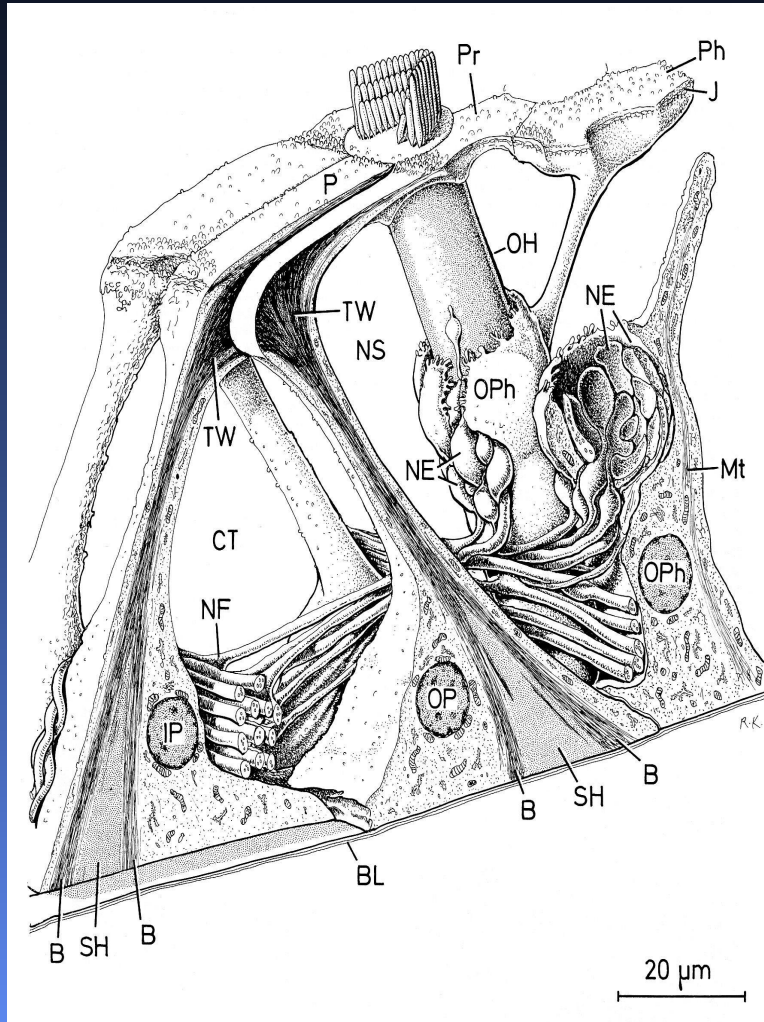


# Кортиев орган –

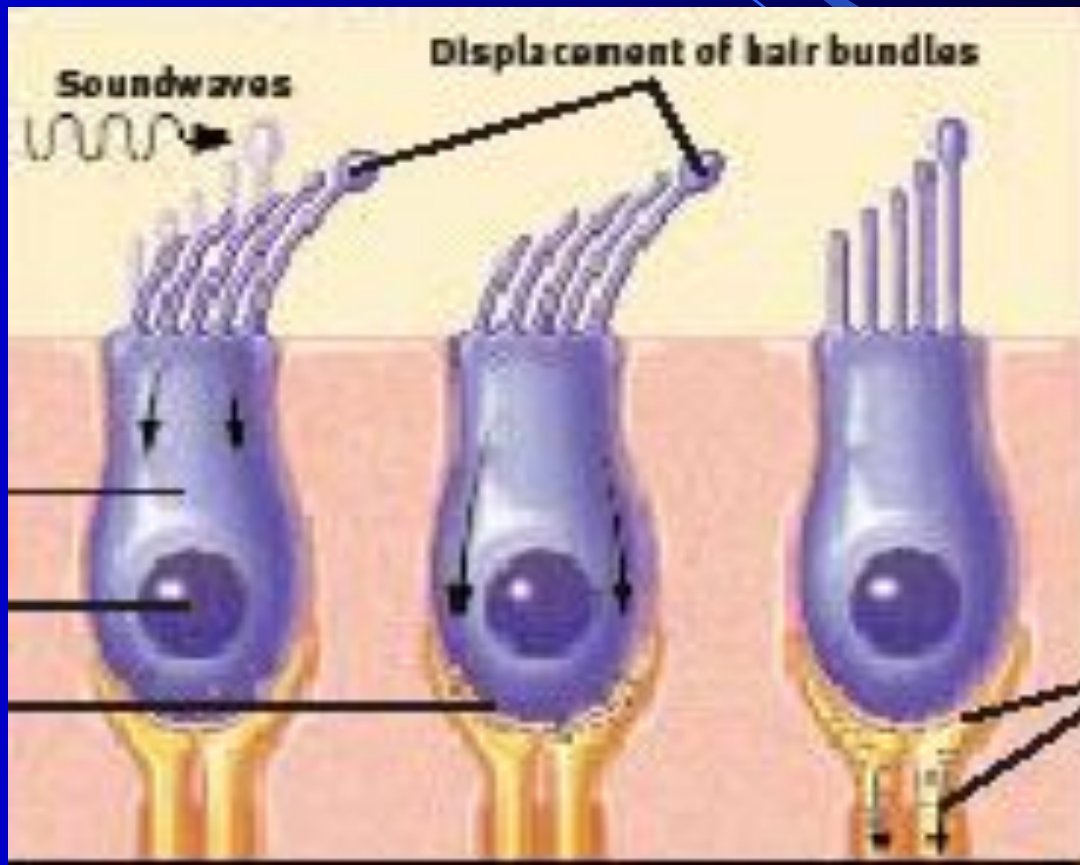
## внутренние и наружные волосковые клетки

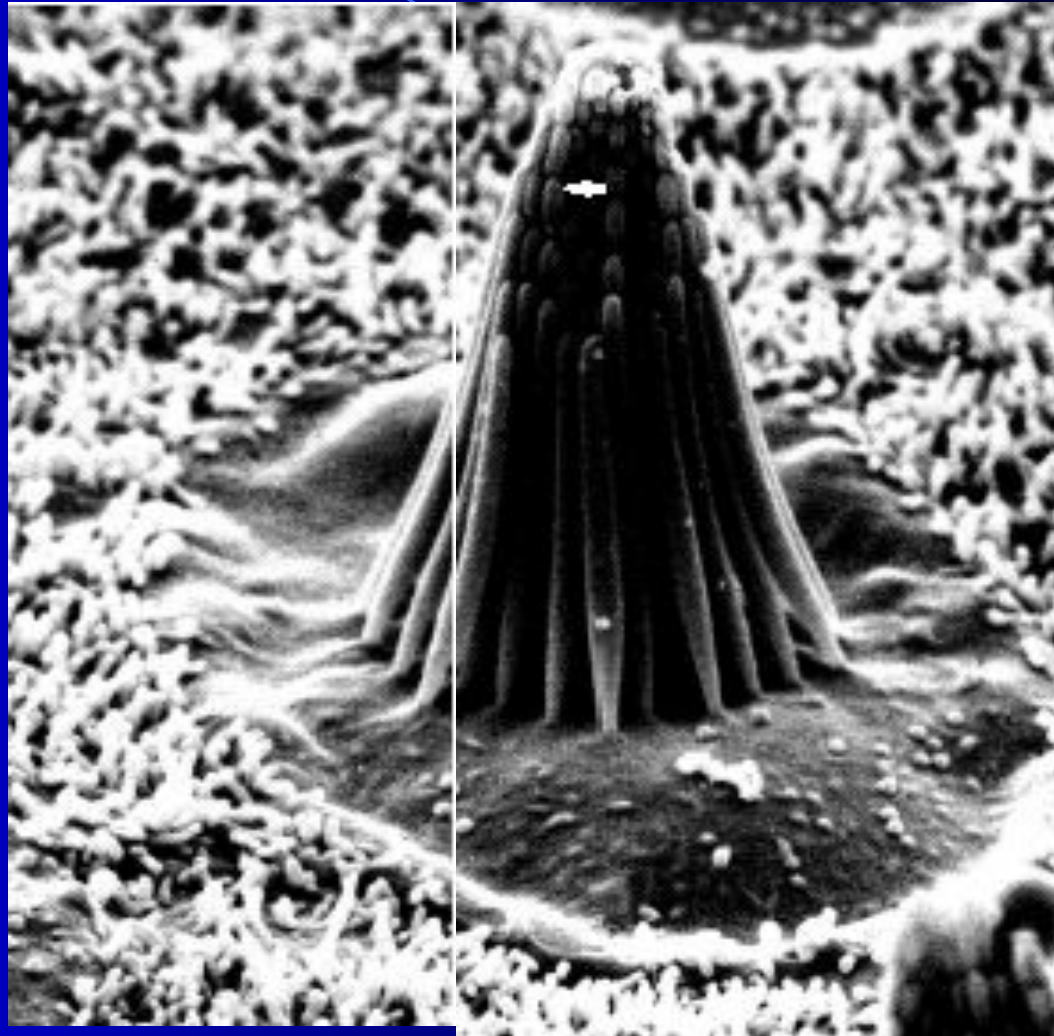


# Спиральный ганглий



# 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 outer bundle (top)  
opens ion channels on  
the tips of inner hair  
cells. When  
the bundle tilts to the right, tip links from  
higher cells pull up the gates of ion channels  
on adjoining shorter cells.

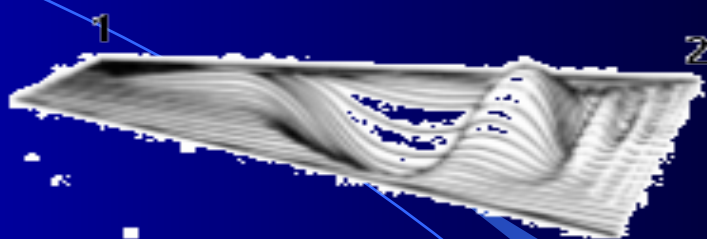
A cleavage plane has a tip link between  
two cells opens an ion channel on the shorter cell.

Even more highly magnified (right), the open channel allows ions  
into the cell. A cluster of 23 pairs of molecules in the taller column is  
shown in green and more so the filaments are shown in blue.



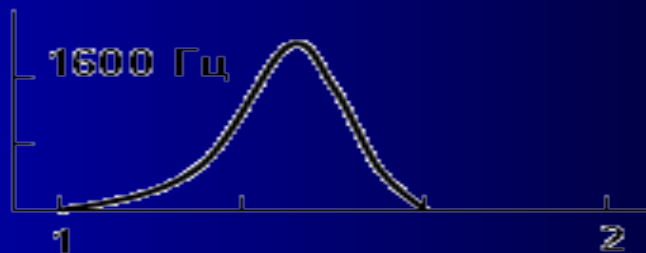
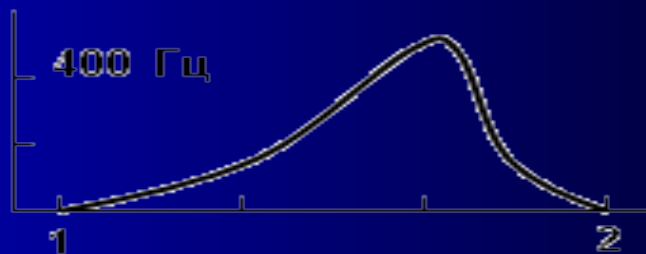
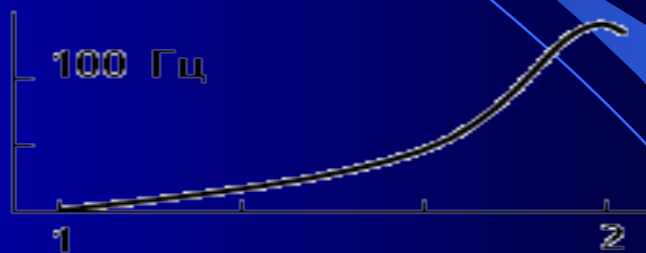


А

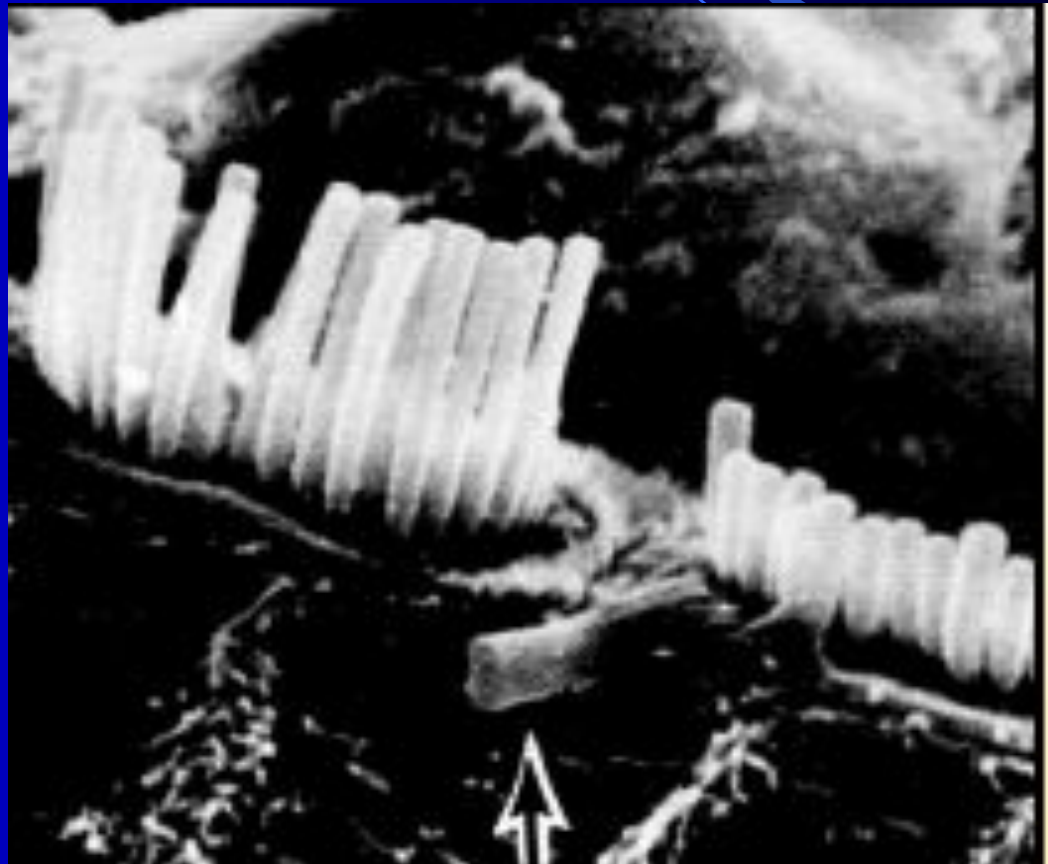


Б

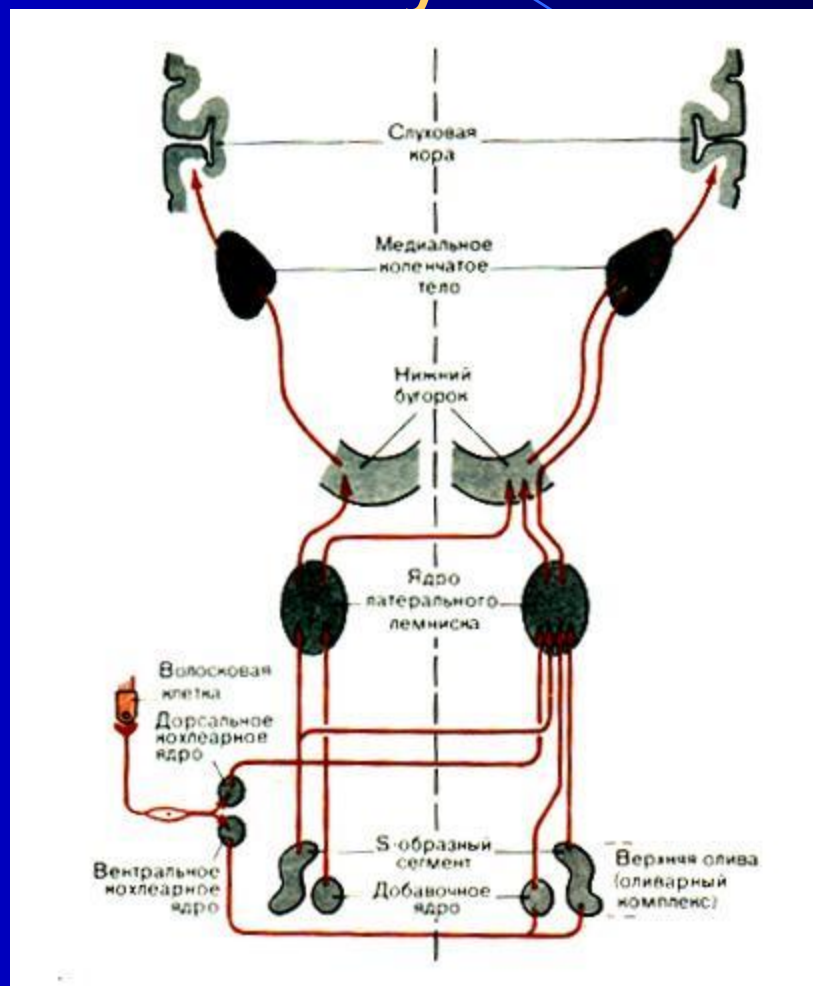
Амплитуда колебаний базисной мембраны

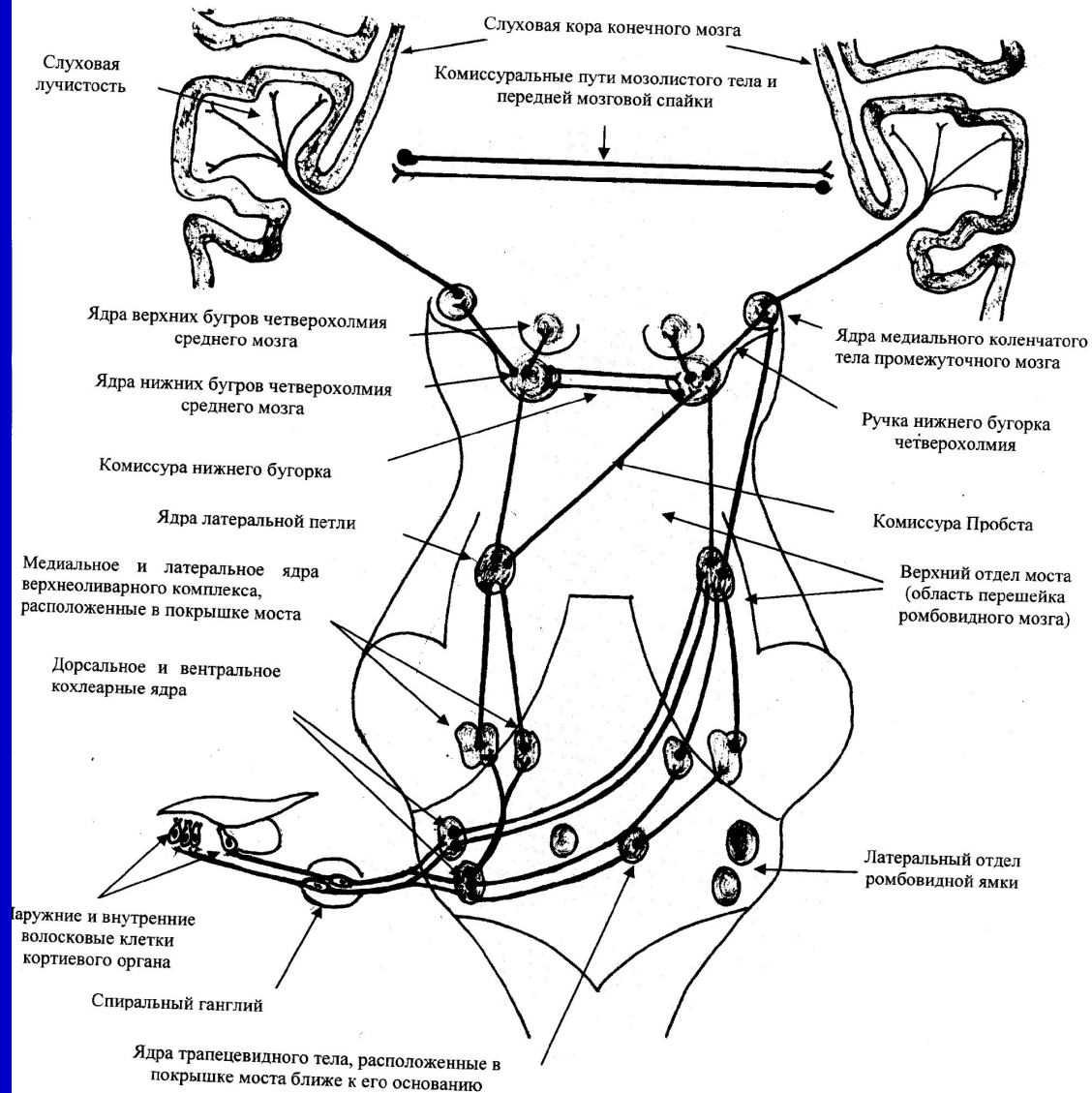


# Цилии волосковой клетки кошки после 2 часов громкого звука



# Упрощенная схема проводящих путей





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