

PNS-Histology

Archive

Lecture 3

THE EAR

Corrected by:

X

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Lecture 3

1.The maculae can be found in the:

- a -Cochlear duct
- b -Saccule
- c -Semicircular canal
- d -Semicircular ducts
- e -Middle ear

Ans :(b)

2.Eustachian tube connect with ?

- a -Pharynx with middle ear
- b -Middle ear with external ear
- c -Middle ear with inner ear
- d -External ear with internal ear
- e -Cochlea with vestibular apparatus

Ans :(a)

3.Organ of Corti helps in -----?

- a -Balancing
- b -Maintaining equilibrium
- c -Hearing
- d -Formation of wax
- e -Defensive function

Ans :(c)

4-Which of the following cells of Corti body not attached to the basilar membrane :

Hensen cells

5.The followings belong together EXCEPT which one:

- a -Incus
- b -Tympanic cavity
- c -Middle ear
- d -Cochlear duct
- e -Eustachian tube

Ans :(d)

الأسئلة التالية هي أرشيف سابق وهي لا تتعلق بشكل مباشر مع المحاضرات السنة الحالية

6. Which of the following is CORRECTLY matched ?

- a - Stria vascularis // simple columnar epithelium
- b - Tympanic membrane // simple squamous epithelium
- c - Eustachian tube (cartilaginous part) // simple columnar ciliated epithelium
- d - Vestibular membrane // organ of Corti
- e - Ciliary processes // stratified cuboidal epithelium

Ans : (e)

7. Which of the following is INCORRECTLY matched :

- a - Eye color /// melanocytes in iris stroma
- b - Vestibular membrane /// hair cells of macula utriculi
- c - Basilar membrane // segregate cochlear duct from scala tympani
- d - Semicircular ducts /// packed with endolymph
- e - Secondary tympanic membrane /// round window of middle ear

Ans : (d)

8. Bony labyrinth have the followings EXCEPT ?

- a . The semicircular canals
- b . The fenestra cochleae
- c . The saccule
- d . The vestibule
- e . The cochlea

Ans : (b)

9. All of the following regarding stria vascularis is true EXCEPT ?

- a . Contain blood vessels
- b . Maintain ionic composition of endolymph
- c . Cover the base of the cochlear duct
- d . Stratified squamous epithelium
- e . Devoid of hair cells

Ans : (d)

10 - The neck of the malleus lies against ?

The flaccid part of tympanic membrane

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All the followings regarding macula saccule are wrong EXCEPT ?

- a-Contains two types of cells inner and outer hair cells
- b-The hair cells have several kinocilia of graded height
- c-Covered with gelatinous membrane devoid of otoconia
- d-Specialized sensory organs found in the membranous labyrinth of the vestibule
- e-It is the auditory organ of the inner ear

Ans : (d)

10. Tensor tympani attached to :

- a. handle of malleus

Q1: first vibration of hearing pathway

- A. external auditory meatus
- B. tympanic membrane
- C. ossicles
- D. oval window

Answer : E

Q3 : the linear vertical equilibrium caused by :

- A. anterior semicircular
- B. saccule
- C. posterior semicircular
- D. utricle
- E. lateral semicircular

Answer : B

Q4: lining of outer part of tympanic membrane :

- A. simple squamous
- B. keratinized stratified squamous epithelium

Answer : B

9) The maculae can be found in the

- A) Sacule
- B) on the top of organ of Corti
- C) in scala tympani

Answer : a

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6) Organ of Corti consists from all of the following except

- A) Outer hair cell
- B) Inner hair cell
- C) Outer phalangeal
- D) Inner phalangeal
- E) Ganglion cells

Answer : E

7) All are considered neuroepithelium except

- A) Scalab vestibule
- B) Organ of Corti
- C) Macula saculi crista ampularis
- E) Macula utriculi

Answer : a

3) The stereocilia for hearing are exposed to Endolymph in the scala vestibuli

- A) Perilymph in the scala vestibuli
- B) Endolymph in the scala media
- C) Perilymph in the scala media
- D) Endolymph in the scala tympani

Answer : b

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Lecture 4

THE peripheral
nervous sysrtem

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Lecture 4

1.Stretch of an innervated skeletal muscle evokes -----?

- a -Contraction of its spindles
- b -Contraction of its extrafusal fibers
- C-Contraction of antagonistic muscles
- d -Relaxation of synergistic muscles
- e -Relaxation of the same muscle

Ans :()

2.-----specialized receptors that are sensitive to stretch and are located within the skeletal muscle?

- a -Meissner's corpuscles
- b -Tendon spindle
- c - Muscle spindle
- d -Free nerve endings
- e -Pacinian corpuscles

Ans :(c)

3.the type of tumor that represent in the picture is:

- CLOWI
- a .Adenoma

4.Muscle spindles ?

- a -Are found in all skeletal muscles
- b -Are found only in large skeletal muscles
- c -Consist of small numbers of extrafusal muscle fil
- d -Consist of a large number of extrafusal muscle f
- e - Are located in tendons

Ans :(a)

5.All the followings are neuroepithelial s

- a -Taste buds
- b -Organ of Corti
- c -Macula utriculi
- d -Christa ampullaris
- e -Muscle spindle

Ans :(e)

6. Which of the following statements

- a- Synaptic vesicles at presynaptic axon terminal re endocytosis
- b- The sensory receptors in the nose are considered
- c- With aging, the lens loses some of its elasticity
- d- The ossicles located in the middle ear are malleus, incus and stapes
- e- In the ear, hair cells with cilia are found in the utricle and saccule

Ans: d

7. The mismatch between the following

- A) cranial ganglion / unipolar / sensory impulses
- B) nerve endings / unmyelinated / proprioceptive
- C) Merkel disc / dermal papillae / proprioceptive
- D) Golgi tendon / muscle tendon / proprioceptive
- E) synaptic / neurotransmitter / motor end plate

Answer: C

8. All are extraepithelial receptors except

- A. taste buds
- B. organ of Corti
- C. free nerve endings
- D. tactile

Answer: C

9. All of the following are considered epithelial receptors except

- a) Free nerve ending
- b) Olfactory epithelium
- c) Merkel tactile disk
- d) Meissner corpuscle
- e) Plexus of Bonnet

Ans: d