

SPECIAL SENSES LAB EXERCISE

Olfaction

Olfactory bulb and tract

Receptor cells

Gustation

Circumvallate Papillae

Fungiform Papillae

Filiform Papillae

Hearing

External Ear

Auricle

External Acoustic meatus

Tympanic membrane

Middle Ear

Ossicles: malleus, incus, stapes

Auditory Tube

Internal Ear

Cochlea

Vestibular Duct

Cochlear Duct

Tympanic Duct

Vestibular Membrane

Basilar Membrane

Organ of Corti

Tectorial Membrane with hair cells

Perilymph

Endolymph

Cochlear Nerve

Equilibrium

Semicircular canals

Semicircular ducts

Vestibule with utricle and saccule

Vestibular nerve

Vision

Fibrous Tunic

Sclera

Cornea

Vascular Tunic

Choroid

Ciliary Body

Iris

Nervous Tunic (Retina)

Lens with Suspensory ligaments

Lacrimal Gland

SLIDES

Taste

taste buds

taste pores

gustatory receptor cells

Hearing

Vestibular duct

cochlear duct

tympanic duct

vestibular membrane

basilar membrane

tectorial membrane

organ of corti

Vision

rods/cones

bipolar cells

ganglion cells

choroids

ciliary body

sclera

cornea

lens

Sheep Eye

Choroid

Lens

Cornea

Sclera

Retina

Ciliary Body

Tapetum Lucidum