

Lab 8: Neurobiology

Draw and label the parts of the brain: Forebrain, midbrain, hindbrain, cerebrum, cerebellum, brainstem, medulla, pons, pineal gland, corpus callosum, pituitary glands, hypophysis, thalamus, hypothalamus, optic chiasm, olfactory bulbs.

Give the functions of these parts of the brain.

Cerebrum _____

Cerebellum _____

Medulla _____

Pineal gland _____

Pituitary gland _____

Corpus callosum _____

Thalamus _____

Hypothalamus _____

Olfactory bulbs _____

Draw and label the following parts of the spinal cord: grey matter, white matter, sensory neuron, sensory / posterior root ganglion, motor neuron, interneuron, vertebrae.

Draw and label the following parts of the eye: sclera, choroids, cornea, lens, retina, vitreous humour, aqueous humour, fovea centralis, tapetum lucidum, iris, ciliary bodies, optic nerve, blind spot, cones, rods. Also, which photosensitive cells distinguish colour?

Draw and label the following parts of the ear: Pinnae, auditory canal, auditory tube/ eustachion tube, tympanum, stapes, incus, malleus, oval window, round window, cochlear, semicircular tubes.