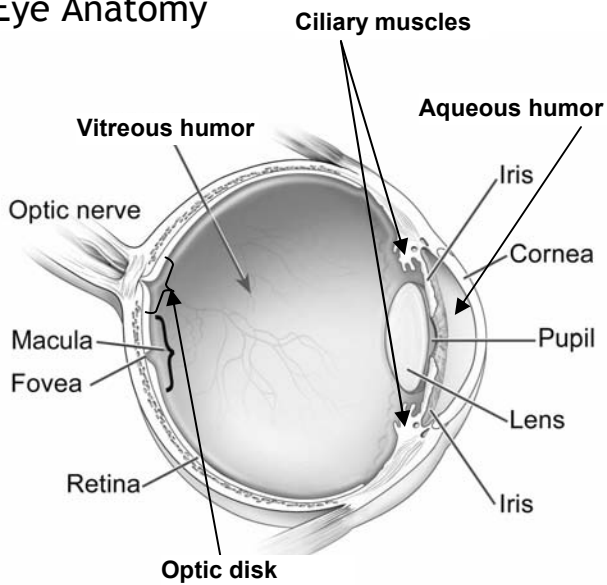


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9.01 Introduction to Neuroscience
Fall 2007

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Eye Anatomy



Cornea:

Pupil:

Iris:

Lens:

Ciliary muscles:

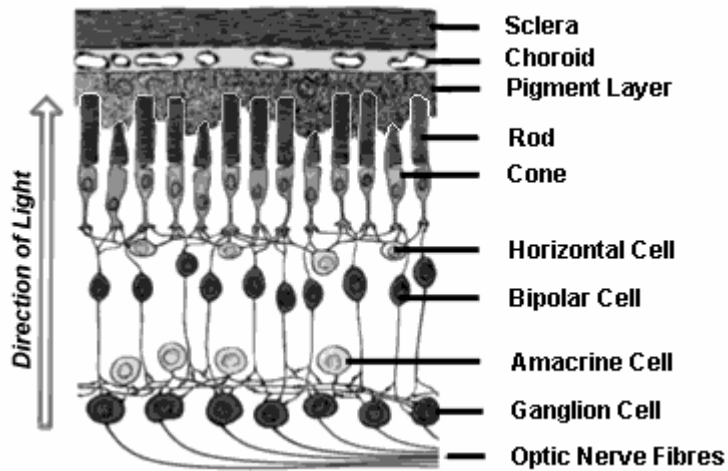
Retina:

Fovea:

Optic nerve:

Optic disk:

Retinal Anatomy



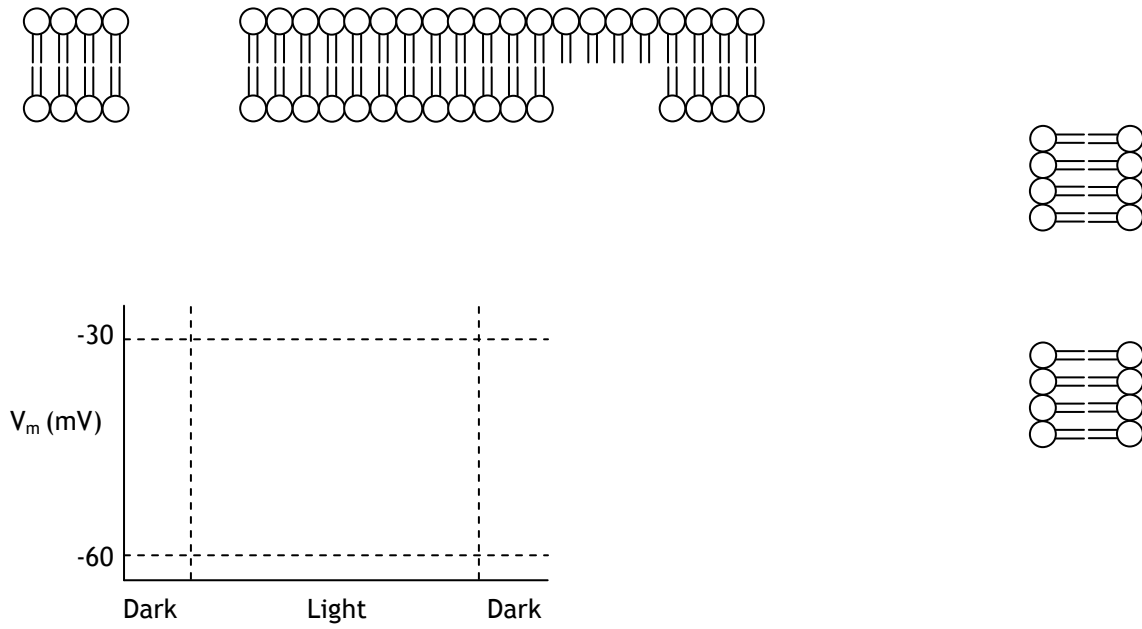
1.

2.

Rods

Cones

Phototransduction



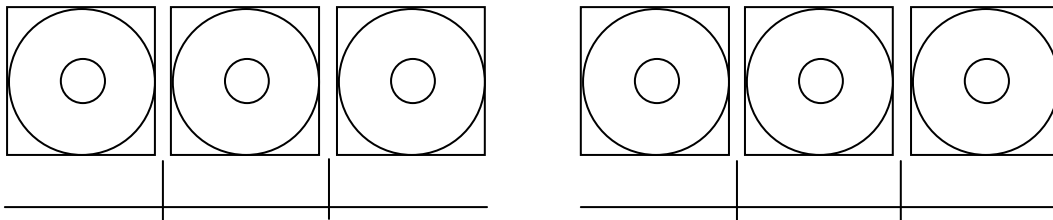
Receptive Fields

Bipolar cells
ON

OFF

Ganglion cells
ON-center

OFF-center



Color opponency: