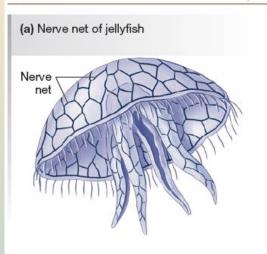
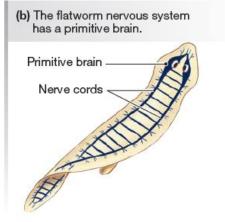
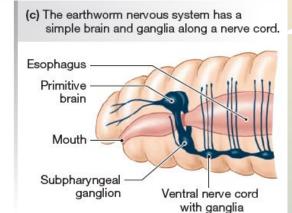
# Hjärnan

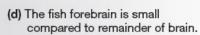
Kråka Larsen VFU 2025

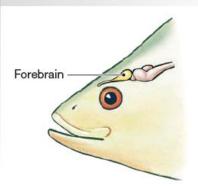
FIG. 9.1 Evolution of the nervous system



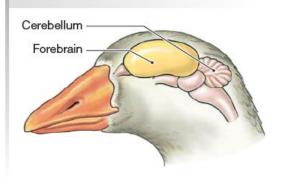




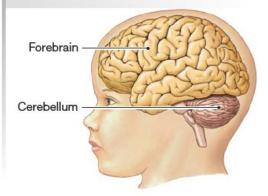


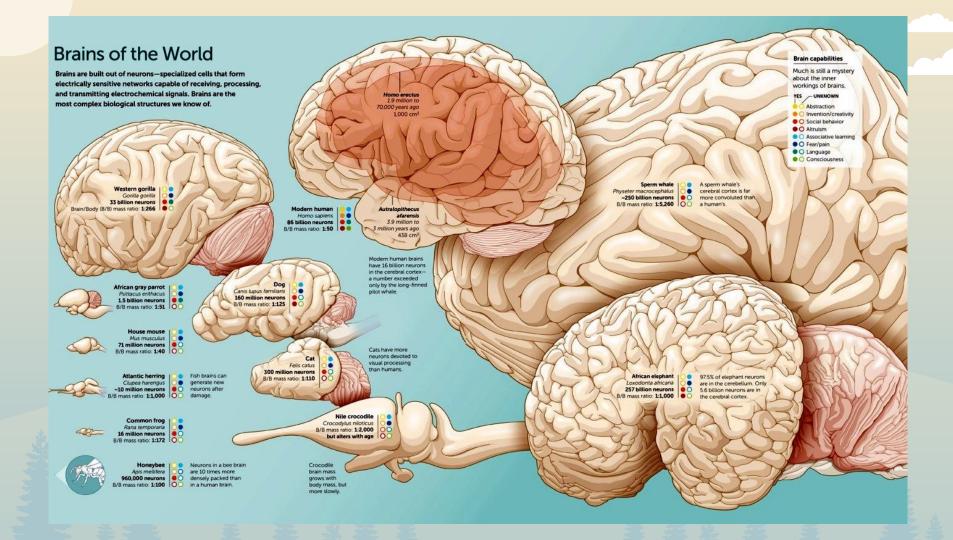


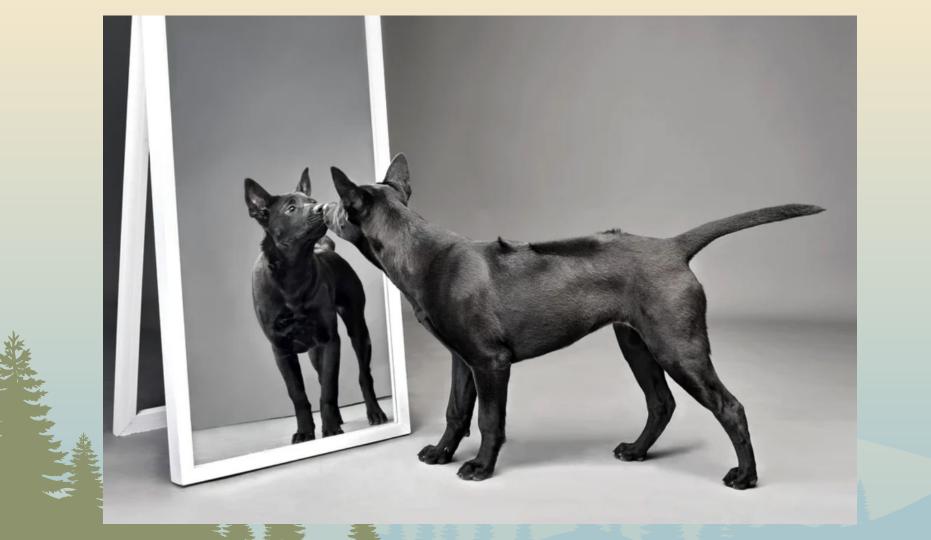




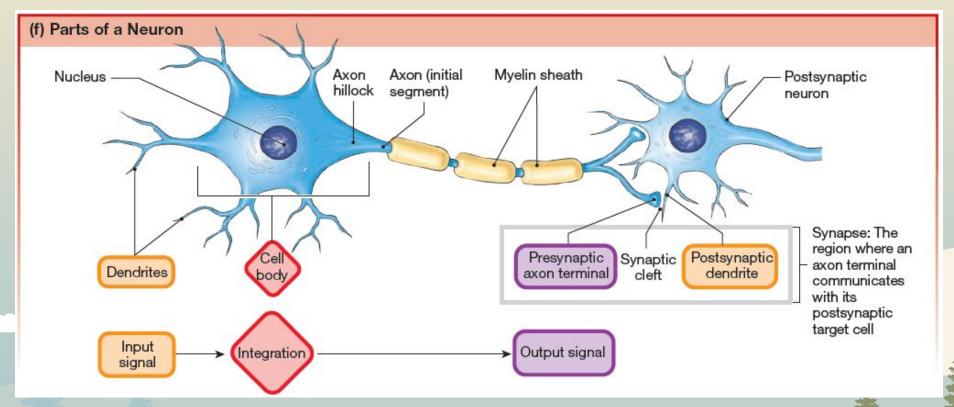
(f) The human forebrain dominates the brain.





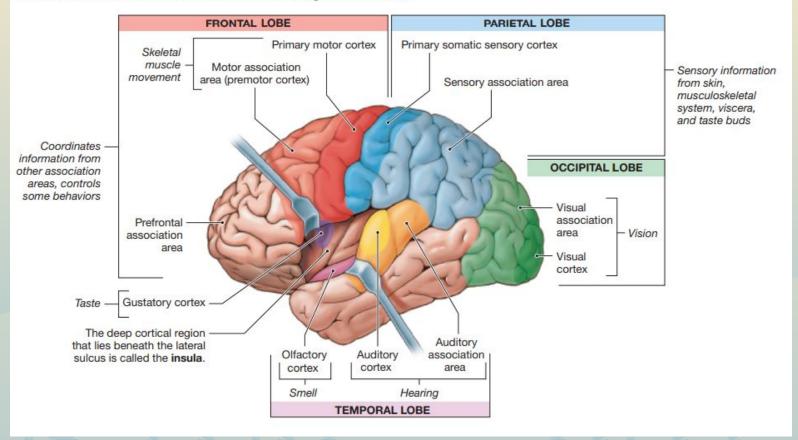


# Synapser och Dendriter



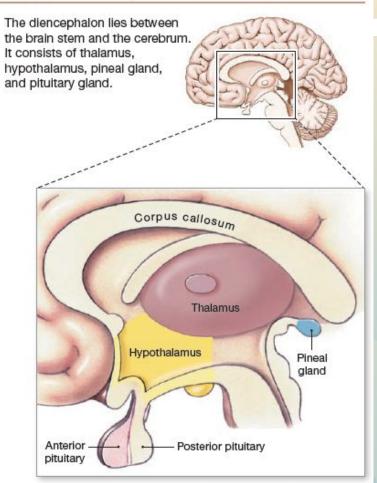
### FIG. 9.13 Functional areas of the cerebral cortex

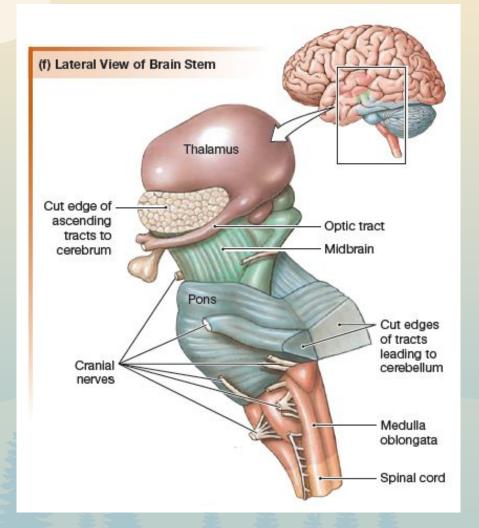
The cerebral cortex contains sensory areas for perception, motor areas that direct movement, and association areas that integrate information.

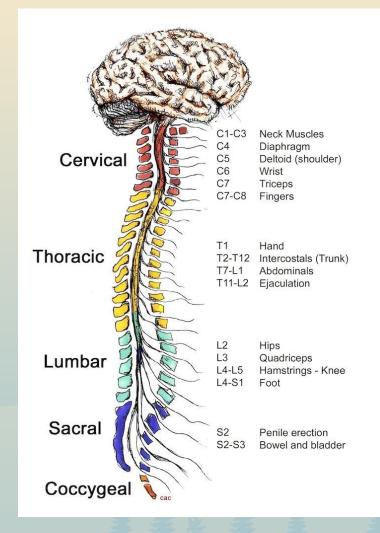


# (c) Mid-Sagittal View of Brain Parietal Frontal lobe lobe Cingulate gyrus Corpus callosum Occipital lobe Cerebellum Temporal lobe Pons Medulla oblongata

FIG. 9.9 The diencephalon







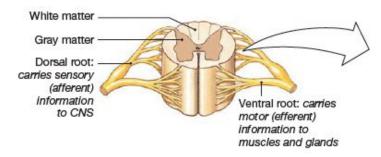
# <u>Blåtunga</u>



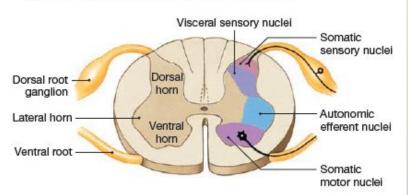
### FIG. 9.6 Organization of the spinal cord

The spinal cord contains nuclei with cell bodies of efferent neurons and tracts of axons going to and from the brain.

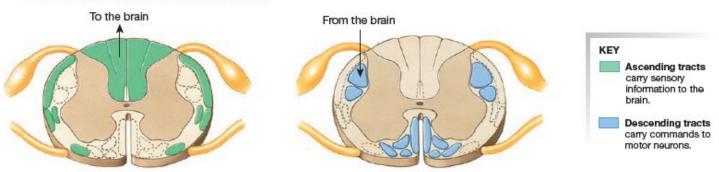
(a) One segment of spinal cord, ventral view, showing its pair of nerves

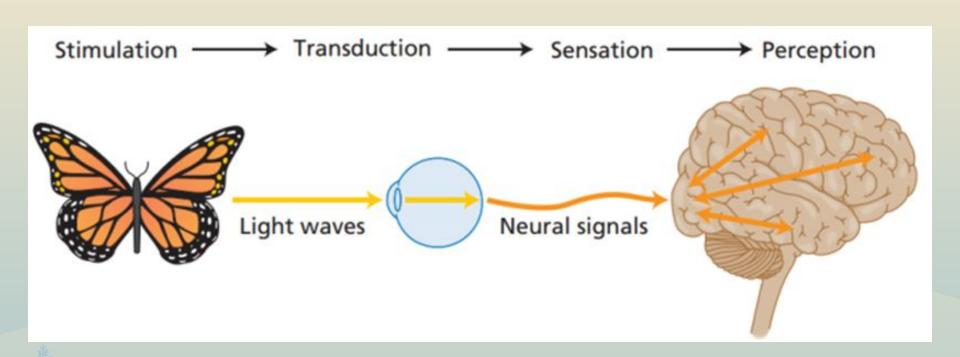


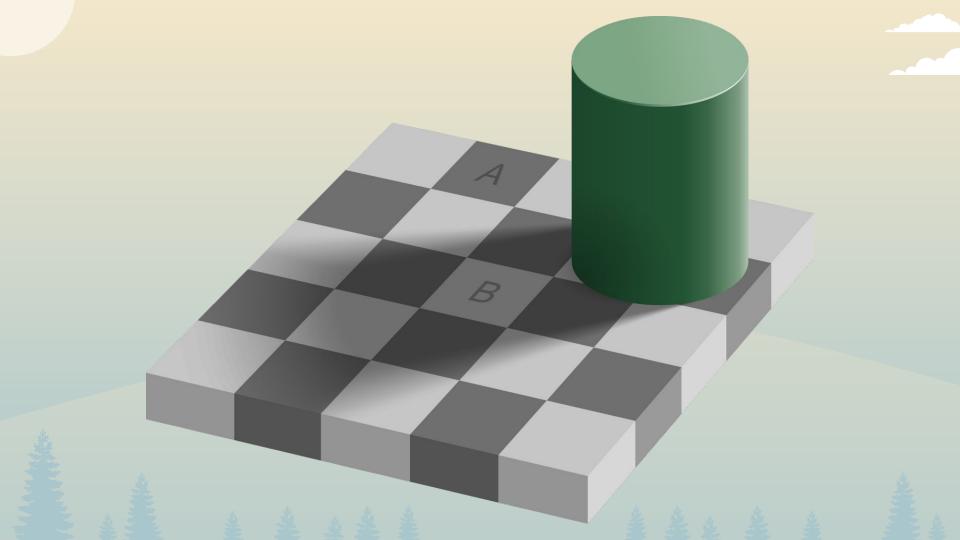
(b) Gray matter consists of sensory and motor nuclei.

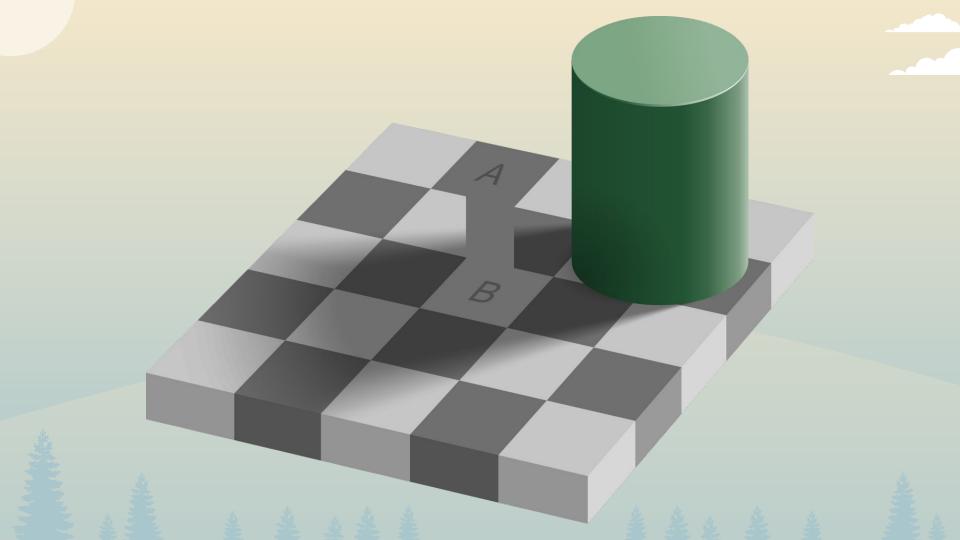


(c) White matter in the spinal cord consists of tracts of axons carrying information to and from the brain.

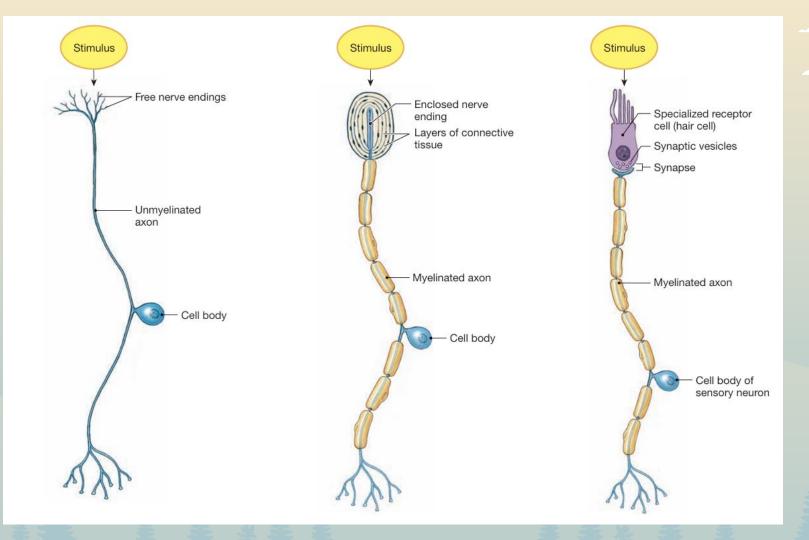






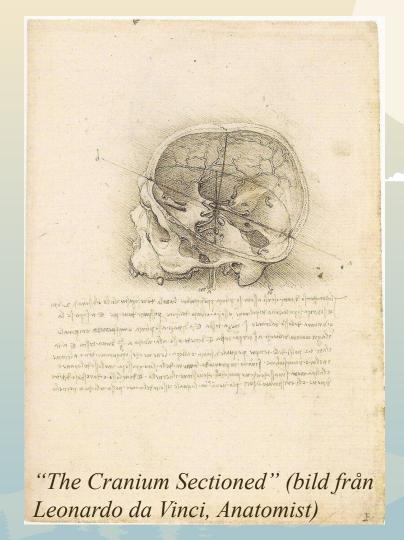


# Källa här!





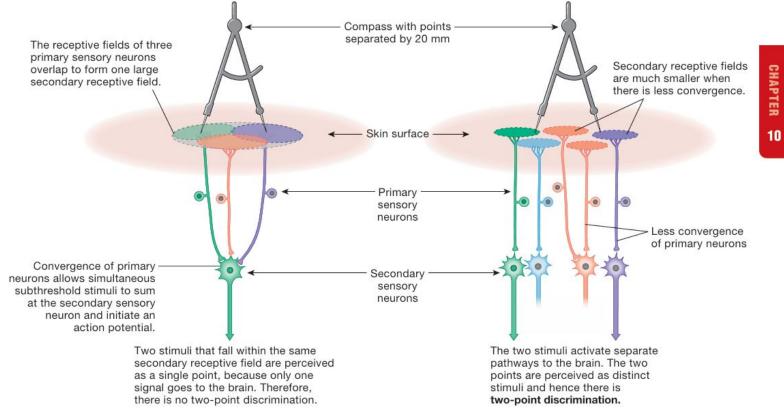
- Känselns konvergens
- Luktsinnets adaption



### FIG. 10.2 Receptive fields of sensory neurons

(a) Convergence creates large receptive fields.

(b) Small receptive fields are found in more sensitive areas.



## FIG. 10.10 Sensory receptors in the skin

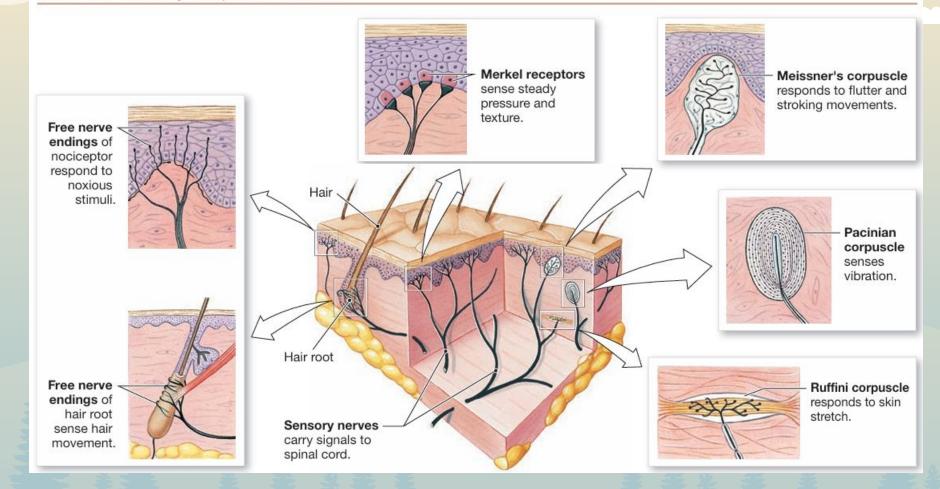


FIG. 10.7 Receptor adaptation

