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Superior Longitudinal Fasciculus

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connecting the frontal, occipital, parietal, and temporal lobes. These fibers are known to be involved in the regulation of motor behavior, spatial attention and visual oculomotor functions, transfer of somatosensory information between parietal and motor cortices, articulation of language, and integration of auditory information.

Definition

The superior longitudinal fasciculus is a pair of long bi-directional association fiber bundles