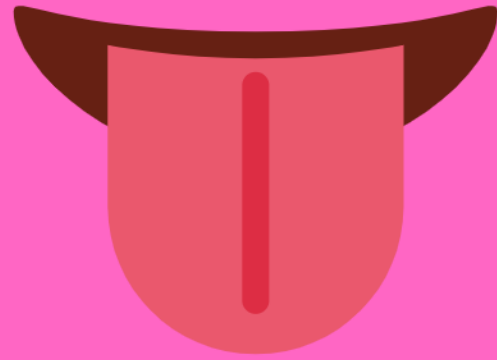




Gustation

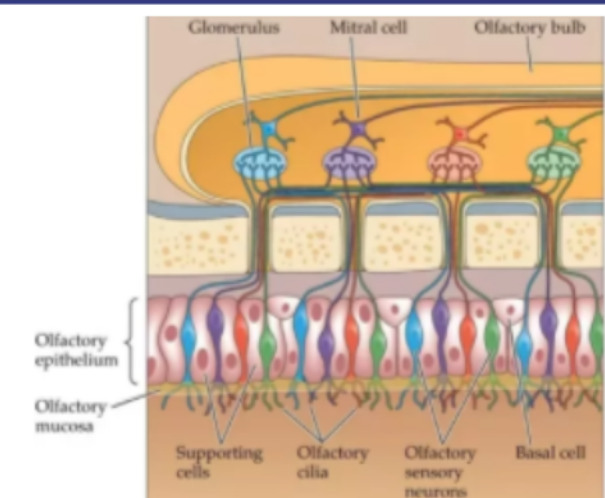
The sensation of taste.

Olfaction

The sensation of smell.

Olfactory Neurons

A type of **sensory neuron** that **transduces** certain molecules in the air (Ex: perfume) into smell related **electrical potentials**. One of *the only types of neurons that can be regenerated throughout organism lifespan*.

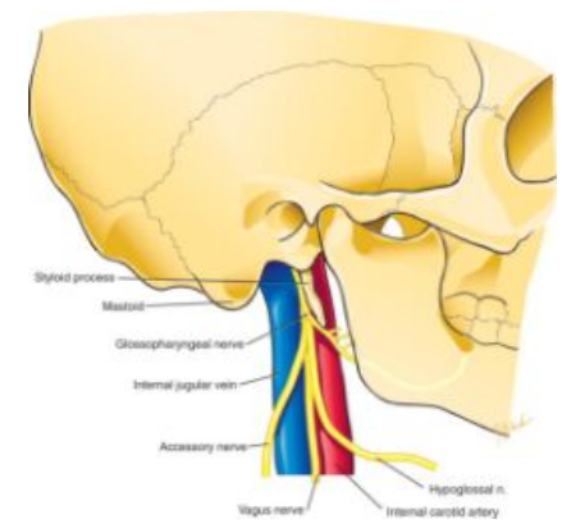


Umami

Japanese word that refers to one of the main types of flavors: savory.

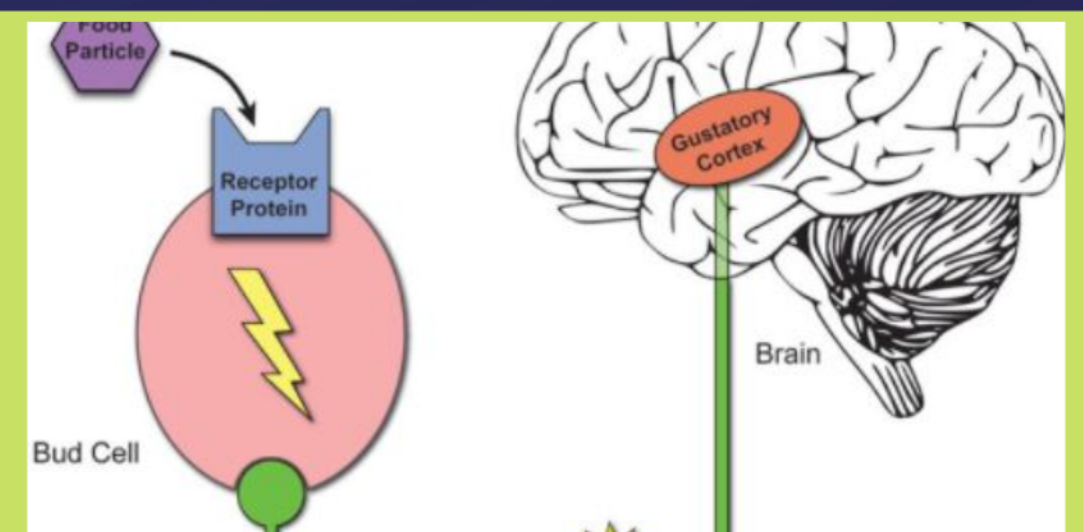
Cranial Nerves

Three nerves that transmit **gustation** data to the brain. Called the **facial**, **glossopharyngeal**, and **vagus** nerves.



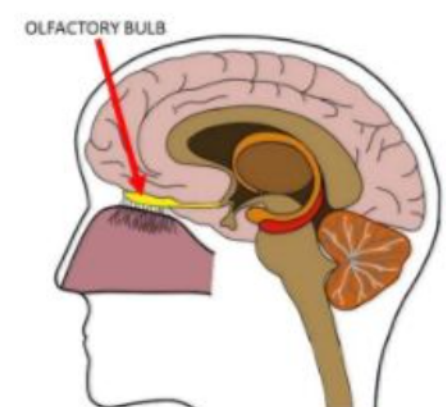
Gustatory Cortex

A region in the **Frontal Lobe** that identifies taste.



Olfactory Bulb

A node of neurons (2 total in the brain) that transmits **olfactory** data to the brain.

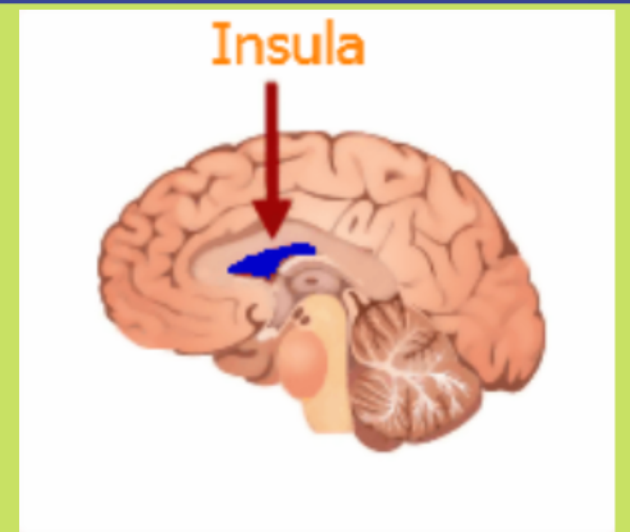


Neurogenesis

The ability of **neurons** to continually reproduce over organism lifespan.

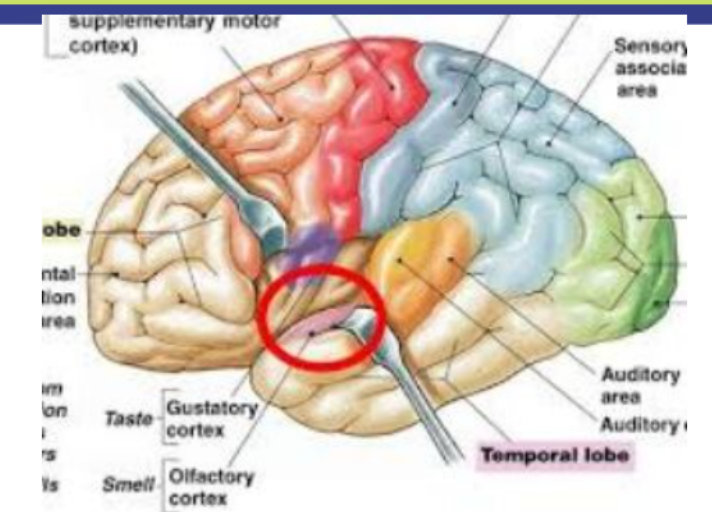
Insula

An area of the brain in which tastes are categorized.



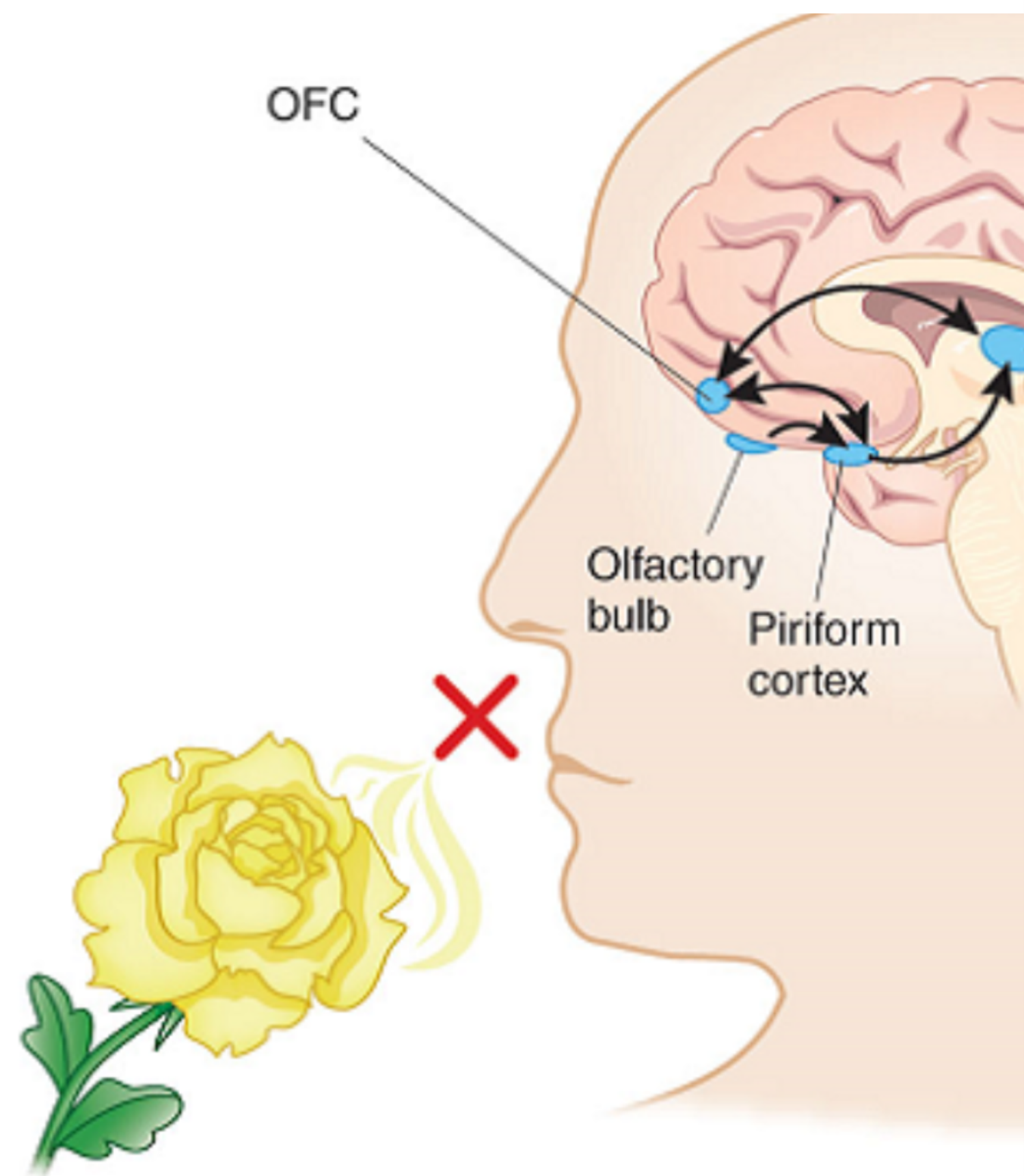
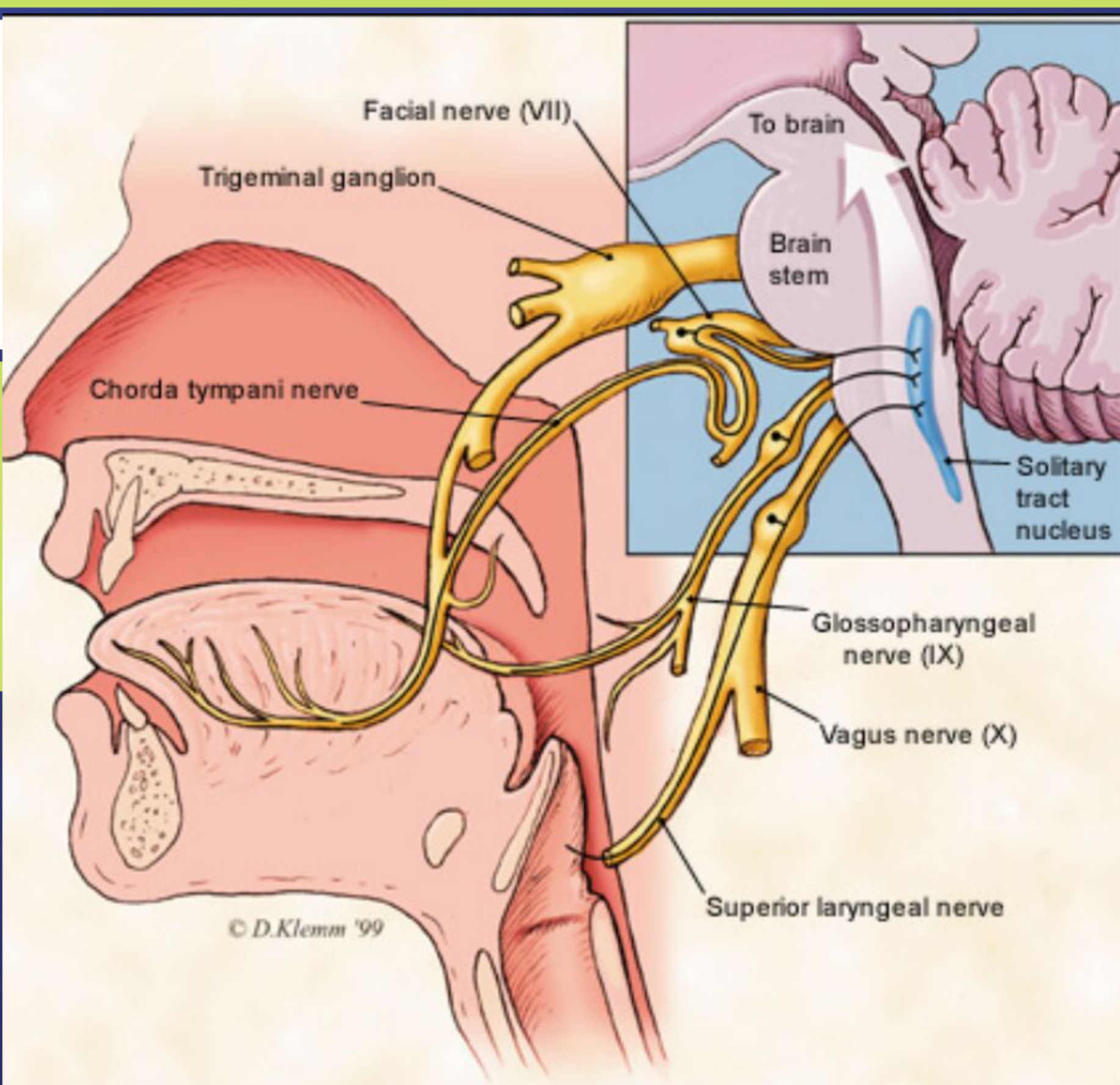
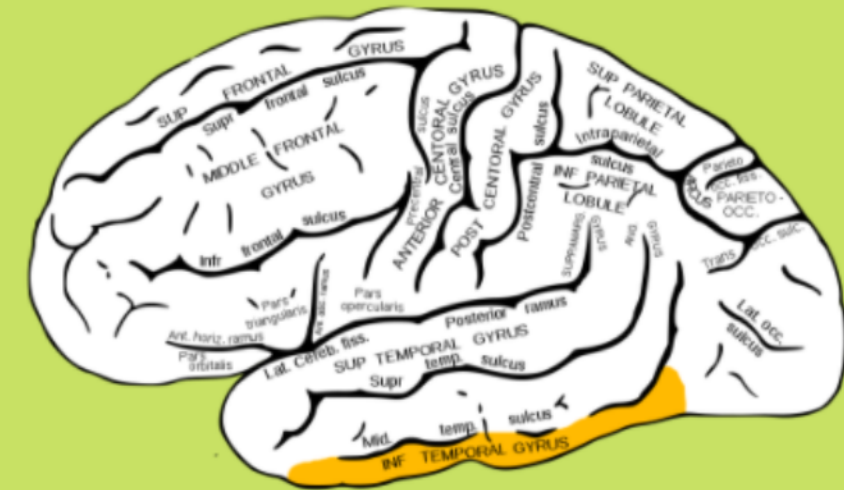
Primary Olfactory Cortex

An area in the **temporal lobe** that saves **neural impulses** related to smell so they can be remembered later.



Inferior Temporal Lobe

A part of the temporal lobe that had special neurons that react only to specific **olfactory** and **gustatory** combinations.



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