



Neuroplasticity Role in Memory

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Abstract

Neuroplasticity is a process that involves adaptive structural and functional changes to the brain after injury or shock.

Keywords: Neuroplasticity; Neural Damage; Synaptic Depending Plasticity; Homeostatic Plasticity

Neuroplasticity

It is defined as the process of adaptation of brain function according to external and internal stimuli or any physical changes.

How Neuroplasticity works?

In case of road traffic accident the hand injury or in case of loss of hand the brain is trained to adapt prosthetic arm or the one hand lifestyle.

Neuroplasticity permanent or temporary?

Neuroplasticity is permanent if it is used for longer time or on daily basis.

If particular task is not performed for longer time than and that area of brain is covered with other task which is formed on other task performed on daily basis.

Memory retrieval circuit and Psychical cortex plays an important role in the Neuroplasticity.

Advantages of Neuroplasticity

- It provides brain capability to perform the daily task.
- It also provides thinking ability to brain involves adaptive nature of brain

- Also provides reflexes to the brain for normal task without even thinking for some work [1-5].

Discussion

We discussed about the Neuroplasticity and cases in which it can be useful its advantages.

Conclusion

Neuroplasticity is most advanced ability of the brain.

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