



Fungi- Mushroom

[Source: TP](#)

Recently, a study showed that the ingestion of **psilocybin**, the hallucinogenic compound present in **magic mushrooms**, results in a temporary reset of extensive **neuron networks in the brain responsible for regulating an individual's perception of time and self.**

- Mushrooms are **fungi** that typically have **a stem, a cap, and gills.**
- They are classified as **fungi** because they **lack chlorophyll** and cannot produce their food through photosynthesis.
 - The **fungi** constitute a **unique kingdom of heterotrophic organisms.**
 - They are a diverse group of **eukaryotic microorganisms** or **macroscopic organisms** that belong to their biological kingdom, distinct from plants, animals, and bacteria.
 - Except for **unicellular yeasts, fungi are filamentous.**
 - Fungi have beneficial applications such as **yeast** in baking and brewing, antibiotic production like penicillin, and culinary uses.
 - Fungi prefer to **grow in warm and humid places.**
 - **Reproduction in fungi** can take place by **vegetative means (fragmentation, fission and budding), asexual reproduction (by spores) and sexual reproduction.**
 - Fungi play a **crucial role** in preserving the equilibrium of our ecosystem through several key functions like **Decomposition, Symbiosis, and Soil enrichment.**

Read more: [Ganoderma Lucidum: Magical Mushroom](#)

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