

EPIGENESIS

Meaning: Epigenesis is the biological theory that an organism develops from an undifferentiated state through a series of progressive changes influenced by external factors.

1. Epigenesis is a concept in biology that refers to the development of an organism from an undifferentiated state.
2. The theory of epigenesis challenges the notion of preformation by emphasizing the role of external factors in development.
3. Researchers are increasingly studying epigenesis to understand how environmental influences can affect gene expression.
4. In the context of evolution, epigenesis suggests that new traits can emerge from interactions between genes and their environment.
5. The idea of epigenesis has significant implications for the fields of genetics and developmental biology.

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