

ECTODERM

Meaning: Ectoderm is the outermost layer of cells in an embryo that develops into structures such as the skin and nervous system during embryonic development.

1. The ectoderm is the outermost layer of cells in an embryo.
2. During embryonic development, the ectoderm differentiates into various structures, including the skin and nervous system.
3. Researchers are studying how the ectoderm can give rise to different cell types in regenerative medicine.
4. In many animals, the ectoderm plays a crucial role in forming the sensory organs.
5. Defects in ectodermal development can lead to a range of congenital disorders.

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