

# MEROBLAST

*Meaning: Meroblast refers to a type of cleavage in egg development characterized by partial division of the yolk, resulting in an embryo forming on a small disc of cytoplasm above a large yolk mass.*

1. The term meroblast refers to a type of cleavage in eggs that results in partial division of the yolk.
2. In meroblastic development, the embryo forms on a small disc of cytoplasm atop a large yolk mass.
3. Researchers studied meroblast patterns to better understand the reproductive strategies of various amphibian species.
4. Meroblast is often contrasted with holoblast, where the entire egg divides evenly during cleavage.
5. Understanding meroblastic cleavage is crucial for developmental biology and embryology studies.

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