

MEROBLASTIC

Meaning: Meroblastic refers to a type of embryonic cleavage where only a part of the egg divides, leaving a significant yolk portion intact to support the developing embryo.

1. The term 'meroblastic' refers to a type of cleavage that occurs in certain types of eggs during embryonic development.
2. In meroblastic cleavage, only a portion of the egg divides, resulting in a yolk-rich region that sustains the embryo.
3. Researchers studying fish embryos have noted that meroblastic development allows for a unique pattern of growth.
4. Understanding the mechanisms behind meroblastic cleavage can provide insights into evolutionary biology and reproduction.
5. The avian species demonstrate a classic example of meroblastic cleavage, which contrasts sharply with the holoblastic type found in mammals.

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