

NUCELLUS

Meaning: Nucellus: the central tissue of a seed ovule that contains the embryo sac and is essential for seed development and fertilization in flowering plants and gymnosperms.

1. The nucellus is a crucial part of the seed's development in flowering plants.
2. In gymnosperms, the nucellus often contains the embryo sac, which plays a key role in fertilization.
3. Researchers studied the nucellus to understand its influence on seed viability and germination rates.
4. The nucellus is surrounded by the integument, which eventually forms the seed coat.
5. In some plant species, the nucellus can also serve as a nutrient source for the developing embryo.

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