

# GAMETES

*Meaning: Gametes are specialized reproductive cells in organisms that unite during sexual reproduction to form a zygote.*

1. Gametogenesis is the process through which gametes are formed in organisms.
2. In sexual reproduction, the fusion of male and female gametes results in the formation of a zygote.
3. Gametophytes produce gametes that are essential for the continuation of many plant species.
4. The study of gametes is crucial for understanding genetic variation in evolutionary biology.
5. Disruptions in gamete development can lead to infertility in both humans and animals.

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