

TUBULE

Meaning: A tubule is a small, tube-like structure in biological systems that facilitates the transport of fluids, nutrients, or waste within organisms.

1. The nephron tubule plays a crucial role in the filtration and reabsorption processes of the kidneys.
2. In plants, the xylem tubules are responsible for transporting water and nutrients from the roots to the leaves.
3. Researchers discovered that the formation of tubular structures is essential for the development of certain tissues.
4. The artificial tubule created in the lab mimicked the function of natural blood vessels.
5. Damage to the renal tubules can lead to serious complications in kidney function.

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