

ENDODERMIS

Meaning: Endodermis: the innermost layer of the cortex in plant roots, acting as a selective barrier to regulate the movement of water and nutrients.

1. The endodermis serves as a selective barrier regulating the flow of water and nutrients in plant roots.
2. In many dicots, the endodermis is characterized by a Casparian strip that prevents passive diffusion.
3. Understanding the structure of the endodermis can provide insights into how plants adapt to different environmental conditions.
4. Researchers are studying the endodermis to uncover its role in plant signaling and hormone distribution.
5. The endodermis plays a crucial role in maintaining homeostasis within the root system by controlling ion uptake.

Source: sentences.whatistheurl.com

<https://sentences.whatistheurl.com/sentence/endodermis>