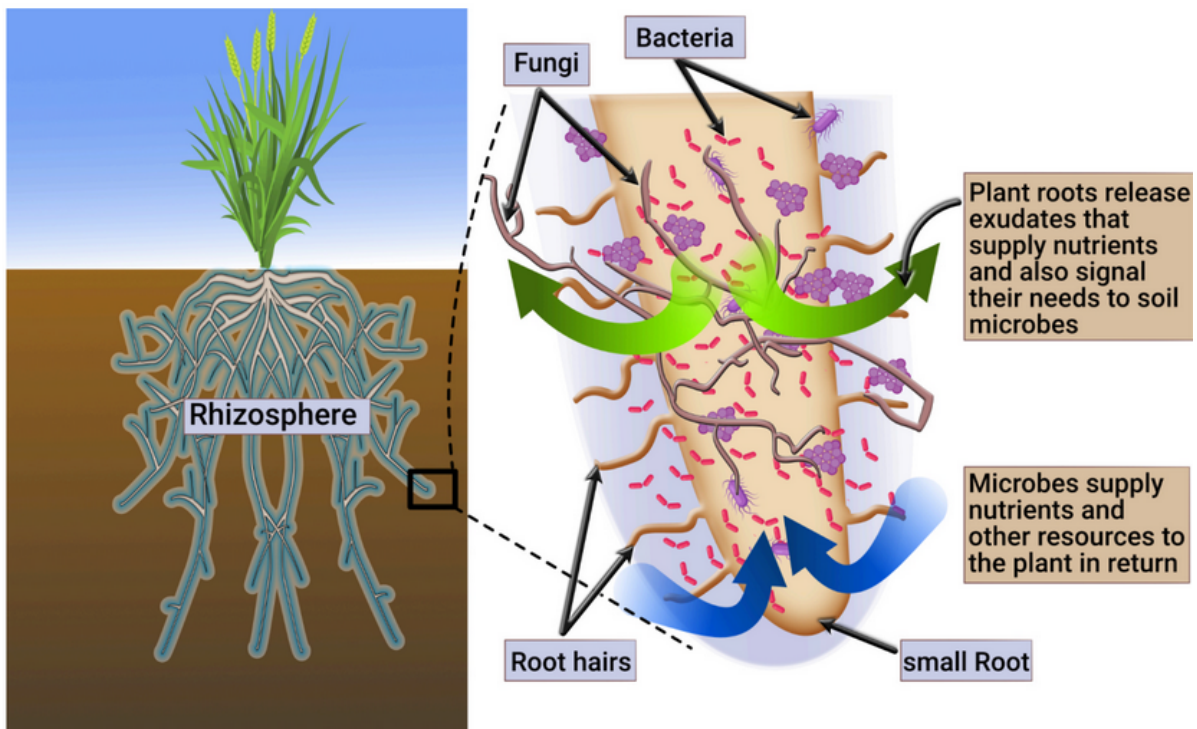


The Rhizosphere Soil Infographic



The rhizosphere is a narrow region immediately next to the roots.

It is full of bacteria that feed and decompose the exudates (sugars and proteins) released by the plant.

Plants also produce signals that support and encourage growth of bacteria that are beneficial for the plant.

Fungal filaments (hyphae) also respond to the plant exudates. In response to these plant signals, they supply nutrients (e.g nitrogen, phosphorus, micronutrients and water) and help protect the plant from disease and drought.

Other beneficial microbes (e.g protozoa) and small arthropods are also very active in this region.

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