

# MICROBIAL PHYSIOLOGY

UNITY AND DIVERSITY

A detailed scientific illustration of a cell's internal structure. The cell membrane is shown with various receptors and transporters. Inside, there are numerous small molecules, some of which are highlighted in a yellow glow. The background features a complex network of white lines, possibly representing a metabolic pathway or a signaling network. On the right side, there are several rod-shaped bacteria with flagella, and a spiral-shaped bacterium at the bottom right.

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