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2.6 Structure, Configuration, and Interaction of F(O) Subunits

2.7 Catalysis: Coupling Ion Translocation to ATP Synthesis; References; 3

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4.5.3 The ABC Subunit

Sommario/riassunto

Transport of molecules across the cell membrane is a fundamental process of all living organisms. It is essential for understanding growth, development, nutrition as well as uptake and excretion of exogenous or synthesized molecules. Microbes represent general and basic functional systems where many transport processes have been studied on a molecular basis. Knowledge of the microbial transport processes will provide new perspectives to treatments by inhibitors, drugs, antibiotics, vitamins, growth promotion compounds, activators and toxic compounds of various kinds.
