

Paperback Re-issue

Photosynthetic plant cells are compartmentalised into subcellular organelles such as chloroplasts, mitochondria, peroxisomes, the cytosol and the vacuole. Although this compartmentation serves to isolate particular functions to particular subcellular locations, the successful metabolic activity of the cell is actually dependant on a controlled and coordinated interaction between these organelles. In this book, leading scientists have contributed reviews of recent research on the interaction of organelles in processes such as C3, C4, C3-C4, and CAM photosynthesis, photorespiration, substrate and protein transport, respiration, lipid metabolism and organelle biogenesis. The result is a comprehensive volume which provides a rich source of reference and information for plant biochemists and their students.

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