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Sommario/riassunto

With the recent renaissance in mitochondrial biology and increasing recognition of their role in many diseases, this book provides a timely summary of the current state-of-the-art in mitochondrial research. The book opens with the regulation of mitochondrial replication and biogenesis and reviews the mechanisms and functional consequences of mitochondrial fission and fusion. Further chapters address mitochondria and oxidative stress and their roles in cell signalling and cell death. The book includes extensive, fascinating discussion of the biochemistry of mitochondrial cell signalling (especi
