Understanding the Process of Aging: The Roles of Mitochondria: Free Radicals, and Antioxidants (Oxidative Stress and Disease)

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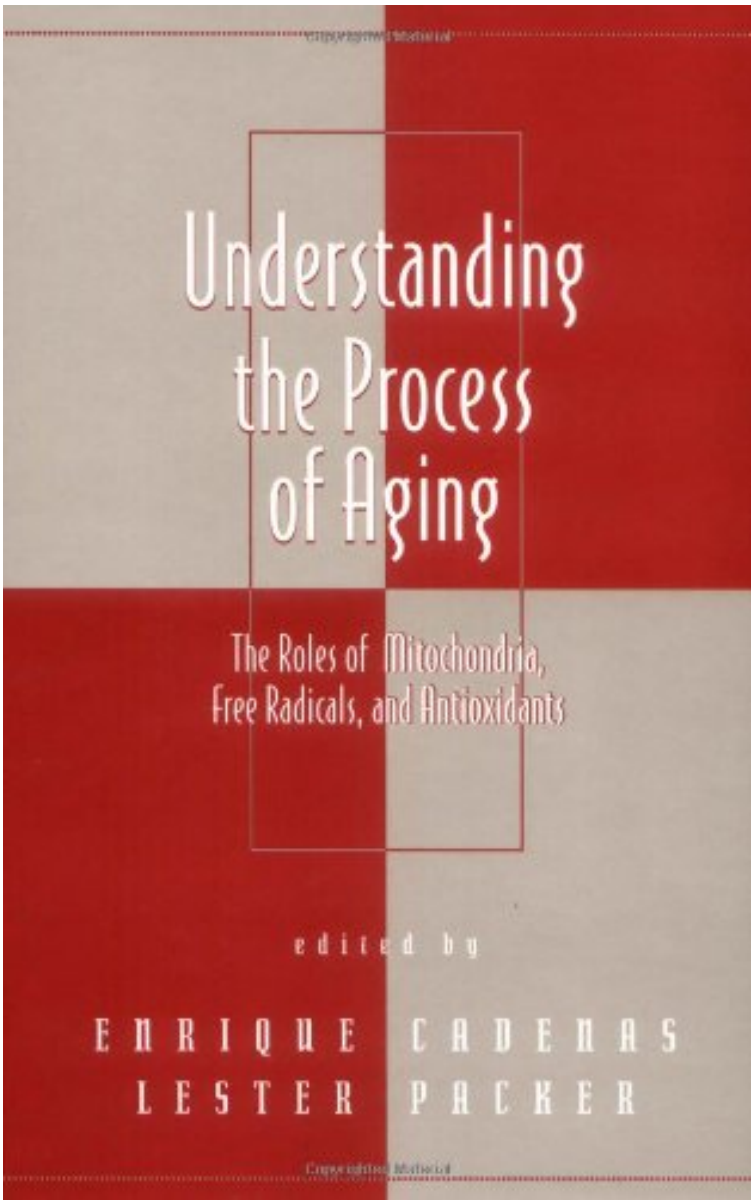

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From CRC Press : Understanding the Process of Aging: The Roles of Mitochondria: Free Radicals, and Antioxidants (Oxidative Stress and Disease) before purchasing it in order to gage whether or not it would be worth my time, and all praised Understanding the Process of Aging: The Roles of Mitochondria: Free Radicals, and

Antioxidants (Oxidative Stress and Disease):

This innovative reference explores a wide selection of topics associated with aging, providing a solid understanding of the significance and molecular basis of the aging process and charting the course of future research in the area. Stresses the interplay of mitochondria, mitochondrial DNA, oxidants, and antioxidants! Featuring the research of over 55 experts in the area, Understanding the Process of Agingcovers the functions of nitric oxide and peroxynitrite in mitochondriaintegrates several views on the role of mitochondria in the development of apoptosisgives a quantitative analysis of mutations of mitochondrial DNA during human aginghighlights mitochondrial free radical productionintroduces new roles of ubiquinone in mitochondrial functionsoffers new antioxidant-based complementary therapeutic strategiesdetails aspects of intact cells and whole organisms in health and diseaseand more!Featuring over 1800 references, tables, drawings, and photographs, Understanding the Process of Aging benefits nutritionists and dieticians, geriatricians, cell and molecular biologists, chemists and biochemists, pharmacologists, biotechnologists, neurologists, cardiologists, oncologists, dermatologists, and graduate and medical school students in these disciplines.

"an important contribution to mechanisms of aging that are often overlooked. "-Gerontology