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Special Issue Reprint

Anti-obesity and Anti-aging Natural Products

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This Special Issue compiles research and review articles that explore the intersection of obesity mitigation and aging prevention through natural products and bioactive compounds derived from plants and other natural sources. It highlights multidisciplinary investigations into how natural substances influence metabolic health, weight regulation, cellular aging pathways, oxidative stress, and related physiological processes. Contributions in the Reprint examine mechanistic insights, preclinical and clinical evidence, and translational potential for botanical extracts, phytochemicals, antioxidants, and herbal remedies that demonstrate anti-obesity and anti-aging properties. Emphasis is placed on biological activities, molecular targets, therapeutic mechanisms, and the role of natural products in supporting metabolic balance and healthy aging. The curated collection reflects current scientific dialogue on leveraging naturally occurring compounds for prevention and management of metabolic dysfunction, adiposity, and age-associated physiological decline, fostering a deeper understanding of their potential applications in pharmaceutical research and health sciences.

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