

Peptide nanocarriers incorporated with adaptogens

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Peptide nanocarriers incorporated with adaptogens represent an innovative approach in the fields of medicine and cosmetology, offering new possibilities in therapy and skin care. Adaptogens, known for their antioxidant properties, stress resistance, and support of homeostasis, have been introduced into peptide nanocarriers to enhance their stability and effectiveness. With a carefully designed peptide structure, these nanocarriers enable precise delivery of adaptogens to cells, increasing the bioavailability of active ingredients. The study evaluated the physicochemical properties, stability, and therapeutic efficacy of the nanocarriers, demonstrating their potential in combating oxidative stress and aging processes. The results indicate the feasibility of applying this technology in future therapeutic products, particularly for the treatment of skin disorders.

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