

Homeostasis of Zinc: An Emerging Therapeutic Target for Diseases Related to Neuroinflammation

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Abstract

Zinc, an essential trace element, plays a pivotal role in numerous physiological processes, including immune function, neurotransmission, and antioxidant defense. This review explores zinc's critical role in maintaining cellular

Zinc homeostasis involves a complex interplay of absorption, distribution, cellular uptake, and excretion mechanisms

Alzheimer's disease, Parkinson's disease, and multiple sclerosis. Therefore, understanding the mechanisms underlying zinc's physiological roles and its potential as a therapeutic agent holds promise for developing novel treatments aimed

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