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Nota di contenuto	Introduction to the volume: The Journey Ahead -- The Foundational Science of Endogenous Opioids and Their Receptors -- Interactions Between Endogenous Opioids and the Immune system -- The Opioid Growth Factor in Growth Regulation and Immune Responses in Cancer -- Role of Endorphins in Breast Cancer Pathogenesis and Recovery -- Modulatory Processes in Craniofacial Pain States -- Enkephalin Rescues Temporomandibular Joint Pain Related Behavior in Rats -- Endogenous Opioids and Exercise-Related Hypoalgesia: Modern Models, Measurement, and Mechanisms of Action -- Pain, Fear, Anxiety, and Stress: Relation to the Endogenous Opioid System -- The Roles of Endogenous Opioids in Placebo and Nocebo Effects: From Pain to Performance to Prozac -- Physical Exercise as an Intervention for Depression: Evidence for Efficacy and Mu-Opioid Receptors as a Mechanism of Action -- The Endogenous Opioid System as a Pathway of Positive Emotions -- Endogenous Opioids and Volunteering: On the Evolutionary Significance of Helping Others -- Endogenous and Exogenous Opioids: Role in Substance Use Disorders -- Endogenous Opioid Activity as the Mechanism of Action for Mitragyna Speciosa (Kratom): The Current State of the Evidence -- Endogenous Opioids in the Homeostatic Regulation of Hunger, Satiety, and Hedonic Eating: Neurobiological Foundations -- Role of Endogenous Opioids in the

Pathophysiology of Obesity and Eating Disorders -- Integration of Endogenous Opioid System Research in the Interprofessional Diagnosis and Treatment of Obesity and Eating Disorders -- The Role of Endogenous Opioids in Cardioprotection -- Endorphins, Sexuality, and Reproduction -- Depression, Cancer, Inflammation, and Endogenous Opioids: Pathogenic Relationships and Therapeutic Options.

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Sommario/riassunto

This new volume provides a scientifically based exploration of the multifaceted world of endogenous opioids, including endorphins, enkephalins, dynorphins, endomorphins, and orphanin FQ/nociceptin, featuring a strong translational focus. Topics covered range from basic scientific investigations, to clinical applications, to investigations in areas such as oncology, childbirth, and disordered eating, to psychosocial contexts such as volunteering and positive emotions. One of the main goals of Endogenous Opioids is to provide recommendations for new directions in medical research and health policy that are rooted in sound scientific research.

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