Special Issue

The Role of Endogenous Opioid System in Food Addiction

Message from the Guest Editors

Endogenous opioids have been implicated in feeding, but the role of each opioid peptide and receptor is less clear in this regard. In particular, the role of the endogenous opioid system in the hedonic aspect of feeding and food addiction is not fully characterized. This Special Issue aims to publish breakthrough findings encompassing the role of the endogenous opioid system in the homeostatic and hedonic aspects of feeding, as well as in glucose and energy homeostasis, how palatable foods affect the level of opioid peptides and their receptors, the role of neuroanatomical site(s) of regulatory actions of opioids in the brain in the homeostatic and hedonic aspects of feeding, and where, in brain regions, palatable foods alter the levels of opioid peptides and their receptors.

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