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""Chapter III: Ghrelin: Expression and Functions in the Central Nervous System""""""Abstract""; ""Introduction""; ""1. Ghrelin in the Brain In Situ""; ""2. Biological Effects of Ghrelin on the Brainand the Pituitary Gland, and Mechanismof Ghrelin Activity""; ""3. Expression and Effects of Ghrelinduring Development""; ""4. Ghrelin and Memory Formation under Normal and Pathological Conditions""; ""Conclusion""; ""Acknowledgments""; ""References""; ""Chapter IV: Role of Central Ghrelin in the Gastric Accommodation and Reflex Swallowing""; ""Abstract""; ""1. Introduction""
""2. Significance of the Caudal Brainstem as a Target of Ghrelin""

Sommario/riassunto

This text presents current research in the study of ghrelin, a gastric peptide hormone and neurotransmitter, which has been identified in the hypothalamus of the central nervous system, and has importance in food intake, body-weight regulation and glucose homeostasis.