



Gastrointestinal Peptides and Human Health

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Message from the Guest Editor

Today, GI hormones are reported to exert key neuroendocrine effects, while some of their derivatives have even become precious pharmacological tools for clinicians. Although impressive advances have been achieved to clarify the physiology and the biological outcomes of GI peptides over the years, many aspects of their activities remain to be determined and validated. For instance, new insights underline the critical role of GI peptides in the communication between the gut and the body system. Hence, the gut microbiota was recently shown to modulate the secretion of distinct GI peptides, while, in turn, some of these hormones influence gut functions and potentially the microbial flora through direct or indirect mechanisms. The present Special Issue will provide insights regarding key aspects of GI peptides, such as: (1) the regulation of their secretion, (2) appetite and hedonism, (3) metabolic functions, (4) gut functions, (5) musculo-skeletal growth and functions, (6) stress, (7) neuro-cognitive functions and (8) inflammation. Hence, a perspective regarding future undescribed roles and clinical applications of GI peptides will also be provided.





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