

Special Issue

Gastrointestinal Peptides and Human Health

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.

Guest Editor

Prof. Dr. David St-Pierre

Department of Exercise Sciences, Université du Québec à Montréal,
Montréal, QC H3C 3P8, Canada

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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