

Special Issue

Appetite and Satiety Control-Gut Mechanisms

Message from the Guest Editors

With the continued rise in the prevalence of obesity and its comorbidities, type 2 diabetes, and cardiovascular and hepatic disease, and the recognition that therapeutic options for both prevention and management are suboptimal, an improved understanding of the mechanisms that regulate appetite and energy intake is of pivotal importance. Appetite and energy intake are modulated by a diverse range of factors. These include physiological mechanisms, such as acute changes in the release of gut hormones, slowing of gastric emptying, and elevations in circulating levels of metabolites, the physicochemical properties of food, and environmental influences. This Special Issue will collate recent high-quality research in the field of appetite regulation, focussing on the investigation of gut-related mechanisms, including nutrient sensing, gut hormones, gastrointestinal motility, gut-brain communication, and roles of the vagus, diet, and the microbiome. Both original research articles and reviews spanning clinical and preclinical work are welcome.

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Message from the Editorial Board

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.

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