

Special Issue

Dietary Impact on Neural and Endocrine Systems Relevant to Energy Balance

Message from the Guest Editors

Animals and humans eat for many reasons, including energy, reward, stress, and specific tastes. Neuroregulators control all aspects of feeding behaviour, ranging from foraging to hoarding to ingestion and finally to the cessation of intake. In this Special Issue of *Nutrients*, we will focus on how various diets (from single macronutrient tastants to complex foods that differ in flavour and energy density) alter regulatory circuitry. We will discuss which regulators initiate ingestion and which macronutrients may be targeted. We will also review control of the meal size and cessation of the meal. The role of the gastrointestinal tract, the pancreas, and the signalling pathways from the vagus to the hindbrain to the upstream parts of the brain will be considered.

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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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