

Special Issue

Implications of Taste and Smell in Eating Behaviors and Health Outcomes

Message from the Guest Editor

Chemosensation, which includes taste and smell, is a critical process to human life as it is the first stage of food consumption. These interrelated sensory systems detect a diverse range of chemicals in the oral and nasal cavities which determine food preferences and form the basis of dietary behavior. Chemosensation can trigger a range of physiological events that influence subsequent appetitive and digestive activity. Thus, taste and smell are ultimately connected to eating behavior and health. Much of the developed world is facing issues in terms of diet-related disease due to excess food consumption. Ongoing research on chemosensation will be key to understanding dietary patterns and health outcomes and will contribute to the body of literature intended to reduce the burden of chronic disease. This Special Issue aims to assemble recent advancements in research on the implications of taste and smell in health at individual and population levels. This includes, but is not limited to, understanding the link between chemosensory sensitivity and eating behavior, the loss or gain of taste and smell, chemosensation and disease, and chemosensory transduction and signaling.

Guest Editor

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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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