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How the Taste Sense Influences Our Eating Behavior and Health: Genetic and Non-genetic Factors

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Message from the Guest Editors

Dear Colleagues,

Taste is the sensory modality considered of the most relevant factors that influences nutrition and health. This role is based on data showing that taste varies significantly among individuals, influencing food preferences and therefore eating behavior. Variations of taste sensitivities can be due to sundry factors (e.g., genetics, environment and age), which can thus constitute risk factors for unbalanced eating habits and serious health morbidities. For this Special Issue, we invite original research articles and comprehensive reviews that focus on taste perception, eating behavior, their implications in nutrition and health, and the genetic and non-genetic factors involved.

Potential topics include, but are not limited to, the molecular basis of taste sensitivity; how pathological conditions, medical treatments, aging processes, microbiota, etc., influence taste perception, eating behaviour, or health; physiological factors that impact taste perception, eating behavior and nutrition in humans; the genetic and non-genetic factors involved in taste perception.



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Special Issue



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