



Taste Perception and Food Preferences

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Message from the Guest Editor

It is thought that the perception of taste evolved to allow animals, humans included, to distinguish poison from nutrients, therefore, guide ingestive behavior. Remarkably, the sense of taste is not only important to keep us safe, and help with food digestion, but it can also “feed” pleasure and ignite our desire for food in the absence of metabolic demand.

This Special Issue focus on taste perception and food preferences in healthy and clinical populations. Potential topics include, but are not limited to:

- the molecular basis of taste perception;
- the question of how obesity (or other clinical conditions or medical treatments) affects taste perception and eating behavior;
- the question of how aging (or development) affects taste perception and eating behavior;
- physiological factors that impact taste perception and food preferences in clinical and pre-clinical models;
- fat taste perception and fat preferences;
- carbohydrate taste perception: beyond the taste of sugars, can we taste complex carbohydrates?
- the genetics of taste perception.





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