



The Interaction Between Flavor and Diet

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Message from the Guest Editor

Dear Colleagues,

Many factors influence eating behavior, a considerable body of literature suggests that flavor, including taste, smell, and mouthfeel, plays a key role in what we eat and what we reject. What we eat may, in turn, affect our flavor perception, a type of sensory plasticity. A better understanding of these effects could inform public policy and the design of new foods or dietary guidelines to improve health.

For this Special Issue entitled “The Interaction Between Flavor and Diet”, we welcome submissions of original research, systematic reviews, and meta-analyses in the area of sensory nutrition, including both human and animal studies and various approaches, from genetics and molecular biology, to neuroscience, to psychophysics and sensory science. Though the following is not exhaustive, examples of topics in scope include how flavor influences food preference and choice (including learned preferences), how diet influences perception of flavor, how flavor contributes to satiety and satiation, and how flavor influences digestion and metabolism.





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