

## Special Issue

# Interactions of Foods within the Oral Cavity: Flavor Impact

### Message from the Guest Editors

The interactions that occur within this cavity have implications in different research topics, both at health nutrition, sensory nutrition topics, food quality and food engineering topics. The oral cavity environment has several components, namely, saliva, different oral mucosa, taste receptors, and oral microbiota. All these components have different roles and crucial interactions with food compounds during food oral processing: Saliva and salivary proteins are linked to digestion, taste, and aroma perceptions; oral mucosa is implicated in oral absorption and oral mouthfeel; taste receptors are responsible for the perception of taste; and oral microbiota is also related to digestion and taste perception. This Special Issue is dedicated to the most recent advances on the interactions of food compounds (macro and micronutrients) with saliva, different oral mucosa, taste receptors, and oral microbiota, specially focused on taste, aroma, and mouthfeel perceptions. Furthermore, articles addressing the development of innovative oral models, relating the food compounds to sensory properties, are also in the scope of this Special.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 January 2021)



## Foods

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## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

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