

Special Issue

The Contribution of Food Oral Processing

Message from the Guest Editors

Processing a food bite or sip in the mouth covers a huge number of coordinate physiological actions by all the oral organs (tongue, palate, teeth, saliva glands, etc.).

However we are far from understanding the entire process from first bite through to swallowing. One reason is because the trajectory through the mouth and bolus formed depend on the food composition, structure, mechanical characteristics, bite size and shape, etc. making difficult to generalize the results coming from each study.

Knowledge on what mechanisms control oral processing is key in defining strategies to design products that should meet the needs of specific consumer groups. In addition, comprehension of the relationships between physiological, behavioral and compositional/ structural properties of food during oral processing would allow us to deepen the understanding of texture perception.

Some fields that could benefit from this knowledge is the design of food adapted to swallowing disorders, or low/ free products that require more and more sophisticated matrices that should also have a nice mouth path.

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Deadline for manuscript submissions

closed (1 May 2019)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/19704

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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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