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Advanced Research in Food Digestion

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Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editors

Dear Colleagues,

Digestion is the key process for delivering nutrients and bioactive compounds to the body and it depends on many different factors, some of them related to food properties and diet, and some others related to the host. It is well known that dietary factors such as the chemical form of the nutrient, food-matrix structure, industrial processing and home preparation have a significant impact on digestion. On the other hand, the same food product can be digested differently depending on gastrointestinal (i.e. reduction of gastrointestinal secretions, alterations in the permeability of the intestinal membrane, etc.) or systemic factors (i.e. age, sex, ethnicity, genotype, physiological state, chronic or infectious diseases, etc.) of the host. Finally, interactions between nutrients and food interactions with physiological compounds can occur, affecting the digestibility and bioavailability of food nutrients and bioactive compounds.

The aim of this Special Issue is to advance the understanding of the effect of all these factors on food digestion as a way to increase our knowledge on the influence of food on human health.



mdpi.com/si/24439

Special Issue



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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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