

Special Issue

New Challenges and Opportunities of Food Digestion

Message from the Guest Editor

With the dramatic increase of diet-related pathologies that has occurred over the last years, better understanding of the mechanisms of food disintegration in the gastrointestinal tract during digestion can be strengthening our knowledge of the effects of food on human health. For this Special Issue, we invite original manuscripts and reviews that describe innovative work on the fate of foods and all their macro- and micronutrients in the gastrointestinal tract (In vitro, in vivo (on animals and/or humans) and in silico strategies for investigating food digestion; the effects of food structure and food processing on the bioaccessibility and bioavailability of nutrients and bioactives ;.The relationship between food or diet and the intestinal microbiota; connections between allergenicity and digestibility; effects of food oral processing on food digestion; healthy adults or mimicking a healthy adult gastrointestinal tract and specific populations such as infants, elderly, athletes, or people suffering from gastrointestinal pathologies).

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).