

Special Issue

Food-Derived Bioactive Compounds in Health and Disease

Message from the Guest Editors

Clinical trials investigating the efficacy of bioactive food compounds are cumbersome to conduct and impossible to carry out for the purposes of screening multiple bioactive candidates. In terms of identifying the appropriate dosage leading to clinically significant circulating levels, which can be modulated by the possible effects of the food matrix and the presence of other factors influencing bioavailability. Animal model studies have a limited applicability to the human context due to species differences of bioavailability of food compounds. Consequently, in vitro and ex vivo models are widely used to establish the potential bioactivities of food-derived compounds. To help address this research gap, this Special Issue invites original research papers or reviews that focus on the assessment of the bioaccessibility and/or bioavailability of potential bioactive compounds in foods and food-derived extracts or supplements. Studies describing novel methods that assess bioavailability, and studies extending existing work into the bioactivity of compounds, while taking into consideration their bioavailability, are also encouraged.

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Deadline for manuscript submissions

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