

Special Issue

Current Analytical Methods for Applications on Food Bioactive Ingredients

Message from the Guest Editor

This section is intended to present a revision on the instrumental analytical techniques and methods used to extract and measure food bioactives together with their main applications in food science research. The art of modern analytical instruments, methodologies, and applications for food bioactives includes the present and future challenges in food bioactive analysis, the application of “omics”, and also provides an overview on the different methods to measure their bioaccessibility, bioavailability, and bioactivity. Comparison between *in vivo* and *in vitro* procedures used to determine bioaccessibility, bioavailability, and bioactivity will be considered taking into account the strengths and limitations of each experimental technique, along with an intensive description of actual approaches applied to assess them. Applications of food bioactives will consider studies regarding carotenoids, polyphenolic compounds, glucosinolates, vitamin E, and phytosterols, for example.

Guest Editor

Prof. Dr. Jesus Simal-Gandara

Department of Analytical and Food Chemistry, Food Science and Technology Faculty, University of Vigo, 32004 Ourense, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mps@mdpi.com

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Message from the Editor-in-Chief

Methods and Protocols (ISSN 2409-9279) is an open access journal devoted to the publication of new procedural approaches and cutting-edge methodological developments. The ultimate objective of this new forum of scientific communication is to provide researchers with an indispensable tool, enabling better use of the latest scientific technologies. With a broad and totally interdisciplinary focus, *Methods and Protocols* was established with the objective of facilitating cross-fertilization and cross-talk in the scientific arena. Methods and protocols in Life Sciences, Chemistry, Biomedical Sciences, Engineering, and in their intersections such as Biotechnology and Nanotechnology will constitute the core of the journal. However, we anticipate that other fundamental disciplines such as Physics or Geology will be rapidly incorporated.

Editor-in-Chief

Prof. Dr. Fernando Albericio

1. School of Chemistry and Physics, University of KwaZulu-Natal, Durban, South Africa
2. Department of Organic Chemistry, University of Barcelona, Barcelona, Spain

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