



foods



an Open Access Journal by MDPI

Structure Identification and Functional Mechanism of Natural Active Components (Volume II)

Guest Editor:

Prof. Dr. Guowen Zhang

State Key Laboratory of Food
Science and Technology,
Nanchang University, Nanchang,
China

Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editor

In recent years, the natural active components derived from plants have attracted widespread attention because of their abundant species and source advantages. With the continuous deepening of research, flavonoids, alkaloids and other natural substances have gradually been recognized due to their extensive functional characteristics. Studies have shown that many natural active components have broad-spectrum biological activities, such as antioxidant, antihypertensive, hypoglycemic, anti-inflammatory, antibacterial, anticancer, enzyme-inhibiting activity, etc., which are valuable sources of research and development in food functional factors and novel drugs. Systematical studies on the structure of components, physiological activities, structure–activity relationship, and mechanisms of action for active components using modern scientific methods and experimental means are hot research topics. In addition, the explorations of the combined effect and mechanism of various natural bioactive substances will provide a theoretical basis for



mdpi.com/si/164452

Special Issue



foods



an Open Access
Journal by MDPI

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN, USA
2. Department of Comparative Pathobiology (Courtesy), Purdue University, West Lafayette, IN, USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

Journal Rank: JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Health Professions (miscellaneous)*)

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.

Contact Us

Foods Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)