



## eFood: Call for Papers Special Issue

### “Studies on the Properties and Activities of Dietary Bioactive Compounds and Polysaccharides”

#### Guest Editors

Name: Weibin Bai

Affiliation: Institute of Food Safety and Nutrition, Jinan University, Guangzhou, China

Email: [baiweibin@163.com](mailto:baiweibin@163.com)

Name: Francesca Giampieri

Affiliation: Department of Clinical Sciences, Polytechnic University of Marche, 60131 Ancona, Italy; Department of Biochemistry, Faculty of Sciences, King Abdulaziz University, Jeddah, Saudi Arabia.

Email: [f.giampieri@univpm.it](mailto:f.giampieri@univpm.it)

Name: Lijun You

Affiliation: School of Food Science and Engineering, South China University of Technology, Guangzhou, China

Email: [feyouljun@scut.edu.cn](mailto:feyouljun@scut.edu.cn)

#### Aims and Scope

In the last decade, the effects of dietary bioactive compounds in promoting human health and preventing many non-communicable diseases, including cardiovascular, metabolic and neurological diseases as well as some types of cancer, have been widely described in several *in vitro* and *in vivo* models. Together with bioactive compounds, polysaccharides as complex carbohydrate play a vital role in human wellness and food area. They have been reported to present various physiological and biological activities based on their specific chemical structures.

Nevertheless, many aspects remain to be clarified, for example the evaluation of their bioavailability and bioaccessibility, the processing methods that may change their stability and activity or the modulation of molecular mechanisms involved in cellular functions and death. In addition, the development of new technologies to improve the activities and the efficacy of these food compounds is a promising field of knowledge that is attracting the scientific community worldwide.

The main aim of this Special Issue is to be an open forum where scientists may share their investigations and findings in this promising sector and, thanks to the open access platform, increase their visibility and the chances to interact with other colleagues, industries and production systems. Contributions to this issue, in the form of original research, review articles, commentary, perspective, letter to the editor, etc., covering any aspect of dietary bioactive compounds are accepted. In particular, studies with multidisciplinary approaches are welcome.



## eFood: Call for Papers Special Issue

### “Studies on the Properties and Activities of Dietary Bioactive Compounds and Polysaccharides”

#### Main Topics and Quality Control

The topics of this special issue include, but are not limited to the following topics:

- Bioavailability and bioaccessibility
- Food processing methods
- Modulation of molecular pathways that alter health status
- Pharmacodynamics and pharmacokinetics of dietary bioactive compounds and polysaccharides
- Structure and function of dietary bioactive compounds and polysaccharides
- Food technologies

#### Important Dates

Submission deadline: **30 June 2021**

#### Submit Your Paper

All papers must be submitted via the ScholarOne online submission and peer review system. Instructions will be provided on screen and you will be stepwise guided through the process of uploading all the relevant article details and files associated with your submission. All manuscripts must be in the English language.

To access the online submission site for the journal, please visit <https://mc03.manuscriptcentral.com/efood>. Note that if this is the first time that you submit to the journal of *eFood*, you need to register as a user of the system first.

NOTE : Before submitting your paper, please make sure to review the journal's [Author Guidelines](#) first.

#### Introduction of the Guest Editor(s)

##### Weibin Bai

Weibin Bai earned his PhD degree in Food Science from China Agricultural University and he specialized in “Food Nutrition and Health”. He is a professor of the College of Science and Technology at Jinan University. He is also vice dean of the College of Science and Engineering, the director of Guangdong Engineering Technology Center for Molecular Rapid Detection of Food Safety, the member of the 3rd Youth Work Committee of Chinese Institute of Food Science and Technology. He focuses on function and development of anthocyanin-rich compounds, risk assessment of hazardous substances of food, food safety rapid determination. Up to now, he is the



ISSN (Online) 2246-2644

**eFOOD**



An official journal of  
International Association of Dietetic Nutrition and Safety

 ATLANTIS  
PRESS

## **eFood: Call for Papers Special Issue**

### **“Studies on the Properties and Activities of Dietary Bioactive Compounds and Polysaccharides”**

first or correspondent author of about 70 papers, including more than 50 papers published in international scientific journals. He is a guest editor of Critical Reviews in Food Science and Nutrition, Food and Chemical Toxicology, and serves as Editor-in-Chief of eFood and associate editor of Food Frontiers. He applied for 16 national invention patent. Among these, six patents are authorized and one patent are transferred. In addition, he participated in editing six academic books and are editor in chief of Handbook of dietary phytochemicals (Chapter: Anthocyanins in Food).

#### **Francesca Giampieri**

Francesca Giampieri earned her PhD degree in Biological Sciences on “Food, Health and Drug” and she specialized in Food Science. She is a professor of different International Masters in Nutrition and Dietetics at the Polytechnic University of Marche, Ancona, Italy, at the Universidad Europea del Atlantico (UEA), Santander, Spain and at the Universidad Internacional Iberoamericana (UNINI), Campeche, Mexico. She is also the supervisor of more than 100 student thesis of the International Masters on-line in Nutrition and Dietetics, Ibero-American University Foundation (FUNIBER) and co-supervisor of 5 PhD students, at the Polytechnic University of Marche. She is the author of about 140 papers in international scientific journals, she currently reviews scientific articles for over two dozen peer-reviewed journals, serves as the Associate Editor for the Journal of Berry Research and for the Mediterranean Journal of Nutrition & Metabolism (IOS Press); she is an editorial member of International Journal of Molecular Sciences (MDPI), Nutrients (MDPI), Molecules (MDPI) and Antioxidants (MDPI). In 2019 and 2020, she has been named a Thomson Reuters Highly Cited Researcher and listed in the World’s Most Influential Scientific Minds in Agricultural Science category.

#### **Lijun You**

Dr. Lijun You is an Associate Professor of School of Food Science and Engineering at South China University of Technology. She obtained her PhD degree in South China University of Technology in 2010. She is the vice director of the Department of Food Science, the member of Guangdong Institute of Food Science and Technology. She is the author of more than 70 papers in international scientific journals (H index = 30, Citations over 2500), six of which are selected as ESI highly cited papers. She currently reviews scientific articles for over ten peer-reviewed journals, and serves as the editorial board member for journal of *eFood* and *Food Frontiers*.