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An official journal of
International Association of Dietetic Nutrition and Safety

eFood: Call for Papers Special Issue “Antioxidants”



Guest Editors

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Aims and Scope

Dear colleagues,

eFood is pleased to announce the upcoming publication of a **special issue** on “Antioxidants”. Free radicals and other reactive oxygen species (ROS) form inevitably in living tissues during the aerobic metabolism. Generally, there exists a balance between ROS generation and the scavenging capacity of endogenous systemic antioxidant defence under normal physiological conditions; an imbalance, however, leads to oxidative stress that contributes to degenerative diseases and ageing. Mounting epidemiologic evidence has shown that intake of a diet rich in antioxidants can play a crucial role in health, lowering the risk of chronic diseases such as cancer, diabetes, neurodegenerative diseases, and cardiovascular diseases. Over the last few decades, numerous studies have focused on the health-promoting properties of natural antioxidants derived from food products, such as polyphenols, peptides, dietary fiber, vitamins, antioxidant enzymes, and some phytochemicals. Other than the studies on individual antioxidants, synergistic effects among different compounds (antioxidant and others) on the health promotion and reduction of diseases risk attract the interests of many researchers. Additionally, the stability, bio-accessibility, and bioavailability of antioxidants under oral and/or food processing in particular emerging techniques should be established.

Main Topics and Quality Control

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

- Antioxidants in natural foods
- Antioxidant mechanism of natural compounds
- Molecular interaction of natural antioxidant with other compounds in food system
- Stability, bio-accessibility, and bioavailability of antioxidants during food process



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Important Dates - Deadline

Submission of papers: Before 30 July 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 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 Editors

Prof. Jianping Wu

Dr. Wu is a Professor at the Department of Agricultural, Food and Nutritional Science of the University of Alberta. He received his BSc in Biology, MSc in Plant Physiology and PhD in Food Engineering, respectively, from Zhejiang Normal University, Hunan Agricultural University, and Wuxi University of Light Industry (now Jiangnan University). He took his postdoctoral training at the University of Hong Kong, Agriculture and Agri-Food Canada, University of Manitoba, and Iowa State University. His globally recognized research program focuses on bioprocessing food proteins for human health, with the ultimate goal to unlock the potential of food proteins as the diet-based strategies for the prevention and mitigation of chronic diseases. He is also a world leader in egg research. He has published over 200 peer-reviewed papers at international journals, 15 invited book chapters, 2 edited books, over 250 presentations, and 4 granted patents. He is an associate editor of *Food Science and Human Wellness*, and an editorial advisory member of *Food & Function* and *Journal of Functional Foods*. He is also a Member of Cardiovascular Research Center of the Faculty of Medicine and Dentistry of the University of Alberta (since 2010), Chair of Nutraceuticals and Functional Foods Division of the Institute of Food Technologists (2019-2020), Protein and Co-Products Division of American Oil Chemist Society (2016-2018), Chair/co-chair of International Egg Symposium (2012, 2014, 2016, 2018) and International Symposium on Bioactive Peptides (2017, 2019).

Prof. Shaoyun Wang

Dr. Wang serves as a Professor & Doctoral Supervisor in Fuzhou University, China, and works as the dean of the College of Biological Science and Technology, the dean of the Institute of Marine Science and Technology of Fuzhou University, the leader of the key discipline of food science in



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Fujian Province, and the leader of the "Double First-class" discipline of food biological engineering in Fujian Province. She received her BSc in Food Science, MSc and PhD in Chemistry from Fuzhou University. She worked at the University of Wisconsin-Madison, USA and University of California-Davis, USA as a postdoctoral fellow. She has been selected as the national scientific and technological innovation leading talents of "Ten Thousand Talents Plan" of China, and the scientific and technological innovation leading talents of Fujian Province. She has presided over 20 national and provincial projects, such as the national key R&D Program of China, National Natural Science Foundation of China, and Major Science and Technology Projects of Fujian Province. She has published 6 books, 52 national invention patents, and 200 academic papers including 150 Science Cited Index (SCI) / Engineering Index (EI) papers. She has obtained a series of awards for her excellent contribution both in research and teaching, including First Prize of Science and Technology Progress of Fujian Province, First Prize of Science and Technology Progress of China Petroleum and Chemical Industry Federation, First Prize of Innovation Achievement Award for Industry-University-Research Cooperation, Lu Jiayi Outstanding Tutor Award, Excellent Teacher Award of Baosteel, Outstanding Teacher Award of Fujian Province, etc.

Dr. Xiaodan Shi

Dr. Shi is a lecturer at the Institute of Food and Marine Bio-Resources, College of Biological Science and Engineering, Fuzhou University. She received her BSc, MSc, and PhD in Food Science from Nanchang University. She ever worked as a research partner at the Guelph Research and Development Centre, Agriculture and Agri-Food Canada from 2018.1-2019.7. She has published 9 peer-reviewed papers as the first author at international journals. Her main research interests are bioactive carbohydrates, structure, interaction between biomolecules, and food nanoparticles.

About eFood

eFood is co-edited by Professor Du Ming from Dalian University of Technology and Professor Bai Weibin from Jinan University. The journal's mission is to advance and disseminate knowledge of food science, and to promote and foster research into the chemistry, nutrition and safety of food worldwide, by supporting open dissemination and lively discourse about a wide range of the most important topics in global food and health. [Read full Aims & Scope.](#)

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