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**eFOOD**



An official journal of  
International Association of Clinical Nutrition and Safety

## eFood: Call for Papers Special Issue “Food Safety Analysis”



ATLANTIS  
PRESS

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### Aims and Scope

Dear colleagues,

*eFood* is pleased to announce the upcoming publication of a **special issue** on “Food Safety Analysis”. Food safety plays an important role for human life, which is considered as one of the fundamental needs for human development. Food safety analysis is an essential step to decrease the pathogens, toxins, toxic elements and other unhealthy contaminants involved in our food production, food cooking, food storage and food processing. The progression and advances in food safety analysis and control can largely help improve human health. Over the last decade, numerous studies have been dedicated to the development of food analysis methods with an emphasis of fast, sensitive, on-site, non-destructive, high-throughput and portable detection of toxic substance within foods. However, the analysis methods of food safety still face challenges in some areas. For instance, during covid-19 pandemic period, the effective detection and control methods of virus within food cold-chain are still not working effectively, which depend on the technology progress and development of food safety. The risks of endogenous nanoparticles produced during food processing are not studied sufficiently and much effort is needed in evaluation of the food-borne nanoparticle’s safety that may enter human body along with food. Additionally, the sensitive, stable



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and fast detection methods integrated sample separation and detection of food toxic substances are still required in future food safety research.

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

- Nanotoxicology analysis for food safety
- Non-destructive analysis methods for food safety
- Highly sensitive detection methods for food safety
- Portable and on-site detection methods for food safety
- Smartphone sensing and compatible methods for food safety
- All-in-one or integrated methods for food safety
- others

### **Important Dates (Deadline)**

**Submission of papers:** **Before 20 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 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.



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## eFood: Call for Papers Special Issue “Food Safety Analysis”



### Introduction of the guest editor(s)

#### [Prof. Mingqian Tan]

Dr. Tan is a Professor at the School of Food Science and Technology, Dalian Polytechnic University. He is the academic leader of food quality control group of National Engineering Research Center of Seafood, as well as the committee member of nuclear magnetic resonance professional committee of the Chinese Association of Analytical Instruments. Dr. Tan obtained his doctoral degree from Dalian Institute of Chemical Physics (DICP), Chinese Academy of Sciences (CAS) in 2005, and studied as Postdoctoral Fellow in the University of Victoria, Canada, the University of Utah, Case Western Reserve University, USA, between 2006 and 2010. He returned to China in 2010 and joined CAS under the program so-called One hundred Outstanding Young Chinese Scientists of DICP. In 2016, he was selected to hundred-level of "Liaoning BaiQianWan Talents Program". Dr. Tan is focused on the research of food quality control with emphasis on food non-destructive analysis with the fluorescence and nuclear magnetic resonance technologies. He has published 150 peer-reviewed papers, which have been cited more than 3800 times with an H index of 34 (Google Scholar). Tan has also published 1 book and 5 book chapters and obtained 10 patents. He has given more than 30 talks at the international or national meetings. He is an editor *Foods* and has been selected the program of Prometheus by Ecuador government, the committee member of Seafood Intensive Processing Industrial Platform, the expert of National Nature Science Foundation of China and the National Key Research and Development Program of China.

#### [Dr. Srinivas Janaswamy]

Dr. Srinivas Janaswamy, known as Dr. Jana, is a faculty member at the Department of Dairy and Food Science, South Dakota State University (SDSU), Brookings, USA. Dr. Jana has more than 30 years of research experience that constitutes an interdisciplinary at the frontier between Carbohydrate Chemistry, Physics, Materials Science and Life Sciences. He leads a research program on ‘Functional Carbohydrates’ with an emphasis on the design and development of novel carriers of bioactive compounds. His research also focuses on agricultural residues toward packaging and biodegradable materials and water purification. Over the years, Dr. Jana’s research gained high-profile media exposure through journal editors and scientific writers in news media along with worldwide coverage. He published around 75 international peer reviewed journal articles, so far, edited one book on “Natural Polymers for Drug Delivery” and edited one special journal issue on “Green Physical Processing Technologies for the Improvement of Food Quality”. Dr. Jana has international research collaborations with groups in China, Kenya and India, and during 2019 he received the Global Engagement Research award from SDSU.

#### [Dr. Zhenzhen Xu]

Dr. Xu is an associate researcher in Institute of Quality Standards & Testing Technology for Agro-Products, Chinese Academy of Agricultural Sciences (CAAS). Dr. Xu’s research interests are broadly in the area of food safety and quality assessment using modern metabolomics technologies



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(mass spectrometry-based strategies) and of food quality control by novel food processing technologies. Dr. Xu is also involved in the work of establishing Chinese agricultural standard for food analysis. Dr. Xu has been worked as the visiting researcher at The Food and Environmental Protection Laboratory, Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture, Department of Nuclear Sciences and Applications, International Atomic Energy Agency (IAEA) (Seibersdorf, Austria), and Institute of Geological and Nuclear Sciences (GNS) -National Isotope Center (Lower Hutt, New Zealand) during 2017-2019.

### 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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