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## Nanomaterials and Nanotechnology in Food: Applicability, Functionality, and Safety—2nd Edition

Guest Editors:

**Dr. Qinzhi Wang**

College of Food Science and Engineering, Qingdao Agricultural University, Qingdao 266109, China

**Dr. Ying Gu**

Faculty of Food Science and Engineering, Kunming University of Science and Technology, Kunming, China

**Dr. Wenxin Zhu**

College of Food Science and Engineering, Northwest A&F University, Yangling, China

Deadline for manuscript submissions:

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### Message from the Guest Editors

Dear Colleagues,

Food safety is a main research hotspot in food science and a global public health concern. Contaminants in food, such as foodborne pathogenic micro-organisms, pesticides, veterinary drug residues, toxins, and illegal additives that are produced during food processing and preservation, threaten human health.

The applications of nanomaterials and nanotechnology in food science and engineering have received increasing attention. Some typical applications include nanocatalyst-based electrochemical/colorimetric/fluorescent sensing platforms, nanocatalyst-based advanced oxidation processes, nanomaterial-embedded packaging films and other novel electro-/photo-catalysis techniques in food science. Furthermore, training complex models based on artificial intelligence (AI) frameworks enables the prediction of intricate relationships and the execution of more complex tasks.

Here, we cordially invite authors to contribute original research articles or review articles covering the most recent progress in the application of nanomaterials and nanotechnology in food, as well as food safety analytical methods based on traditional machine learning or deep learning approaches.



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**Special** Issue



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### 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

## 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.

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*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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