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## Food Nanozymology: Nanobiocatalysis Advances in Food Science and Technology

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Deadline for manuscript submissions:

**closed (30 December 2022)**

### Message from the Guest Editors

Food enzymology has been an important branch in food science and technology, due to the active roles of enzymes in the fields of food production, processing, analysis, safety and control. Meanwhile, the obvious intrinsic drawbacks (e.g., expensive, vulnerable, source limited) of enzymes have inspired the evolution of artificial mimics for enzymatic technologies. Nanozymes have emerged as robust candidates for enzyme mimicry. In the food field, increasing achievements have been witnessed in investigating the usability of nanozymes in food quality and safety detection, control and beyond. This Special Issue is aimed at providing selected contributions on advances in nanozyme research with regard to food-related applications in food detection, preservation, cleaning, nutrition, and waste processing. Potential nanozyme topics include, but are not limited to:

- Food and environmental detection;
- Recognition principles for food and environmental analytes;
- Nanozymes for decontamination;
- Bioactive nanozymes;
- Nanozymes against pathogen threats;
- Food preservation;
- Nanotoxicity of nanozymes;
- Future perspectives for food nanozymology.



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**Special** Issue



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## Message from the Editor-in-Chief

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