# Journal of Zhejiang University-SCIENCE B (Biomedicine & Biotechnology)



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Editors-in-Chief: Shu-min DUAN, Zhi-hong LIU

JIF: 3.066 (2020)

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## Special Issue on "Molecular Nutrition and Chronic diseases"

We warmly invite you to contribute a review. perspective, communication, or research article regarding Molecular Nutrition and Chronic Diseases to JZUS-B. We are in an attempt to move the frontier of this science a little further forward and hope that you will work with us to achieve this goal.



#### Potential topics include, but are not limited to:

- New methods for identification and characterization of food-derived functional ingredients and their bioactivity screening and verification.
- Bioavailability, absorption, and metabolism of food-derived functional ingredients studied using novel in vitro and in vivo models.
- The nutritional efficacy and responses of food-derived functional ingredients on chronic diseases including obesity, diabetes, fatty liver, cancer, neurodegenerative diseases, arthritis, chronic kidney disease (CKD), chronic obstructive pulmonary disease (COPD) etc.
- Molecular mechanism of food-derived functional ingredients on chronic diseases via regulating gene expression, signal transduction or posttranslational modifications of proteins.
- State-of-the-Art Multi-Omics approaches by integrating spatial omics, single cell sequencing, transcriptome, epigenome, metabolome, and microbiome to elucidate the regulatory mechanism of food-derived functional ingredients on chronic diseases.

**Submission Deadline: Oct. 30, 2022** Publication Date: Jan. 5, 2023

Papers will be published online upon acceptance, regardless of the Special Issue publication date.

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