# **Special Issue**

# Study on Physicochemical Properties of Food Protein

### Message from the Guest Editors

With the increasing demands for nutrition and health, more and more consumers are paying attention to the nutritional values of food proteins and protein-derived peptides from crops and animals. Therefore, the exploitation and application of food proteins have been the primary focus of the food industry. Due to the difference in the physicochemical properties of various food proteins, such as the solubility, swelling, water retention capacity, foaming properties, gelling capacity, emulsifying and fat binding properties, it is necessary to scientifically study the quality and sensory attributes of protein foods in terms of preparation, processing, storage, and consumption. The Special Issue aims to publish the most advanced investigations on the physicochemical properties of food proteins and provide useful information about the structure-function relationship based on the protein modifications to explore the potential of the food proteins in food development.

Dr. Muhammad Aludatt

### **Guest Editors**

Dr. Shudong He

Dr. Wei Xu

Dr. Muhammad H. Aludatt

## Deadline for manuscript submissions

closed (31 July 2023)



# **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



mdpi.com/si/122446

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules





# **Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6 CiteScore 8.6 Indexed in PubMed



## **About the Journal**

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

#### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

#### **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

### **Journal Rank:**

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

### **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

