

# Special Issue

## Food Colloids: 3rd Edition

### Message from the Guest Editors

Nowadays, food colloids comprise a unique biological and technological platform to address one of the major challenges of modern society, such as the development of healthier and more sustainable processed food products. Several scientific areas converge in the rational design of these products, which relies ultimately upon a deep knowledge of the molecular, physicochemical, interfacial, and colloidal properties of food ingredients, their interactions, and the dynamics of these systems. Increasing nutrient bioavailability, reducing fat intake, controlling food digestibility, and gut health, etc., are some of the challenges faced by current research in food colloids. Furthermore, advances in physicochemical and microbial effects in relation to colloidal systems and their applications in food processing and packaging can have a great impact on food quality, safety, and nutrition.

**The third edition of this Special Issue is a collection of original works presented in the 19th Food Colloids Conference organized by International Hellenic University to take place on 14–18 April 2024 in Thessaloniki, Greece.**

---

### Guest Editors

Dr. Eleni P. Kalogianni

Department of Food Science and Technology, School of Geotechnical Sciences, International Hellenic University, Thessaloniki, Greece

Dr. Julia Maldonado-Valderrama

Biocolloid and Fluid Physics Group, Department of Applied Physics, University of Granada, 18071 Granada, Spain

---

### Deadline for manuscript submissions

closed (1 May 2025)



## Colloids and Interfaces

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 4.4



[mdpi.com/si/195411](https://mdpi.com/si/195411)

*Colloids and Interfaces*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[colloids@mdpi.com](mailto:colloids@mdpi.com)

[mdpi.com/journal/  
colloids](https://mdpi.com/journal/colloids)





# Colloids and Interfaces

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 4.4



[mdpi.com/journal/  
colloids](https://mdpi.com/journal/colloids)



## About the Journal

### Message from the Editor-in-Chief

We would like to introduce you to an emerging and rapidly-developing international open-access journal, *Colloids and Interfaces*, covering all aspects of colloid and interface science. This journal aims to efficiently publish peer-reviewed articles over the internet free of charge to the worldwide community. Original as well as review papers are encouraged. We will also publish Special Issues as proceedings of scientific conferences and workshops as well as those dedicated to particular contemporary themes. On behalf of our distinguished editorial board, we welcome your contributions.

---

### Editor-in-Chief

Dr. Reinhard Miller

Institute for Condensed Matter Physics, Technical University  
Darmstadt, D-64289 Darmstadt, Germany

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), CAPus / SciFinder, Inspec, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

#### Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.