

## Special Issue

# The Effect of Dietary Compounds on Inflammation-Mediated Diseases

### Message from the Guest Editors

Diet has been identified as a key modulator of inflammation. Chronic low-grade inflammation has been linked with the pathogenesis and progression of several non-communicable diseases, such as autoimmune, cardiovascular, neurodegenerative diseases, and even cancer. Several dietary compounds have been shown to possess either proinflammatory or anti-inflammatory properties. For example, saturated fat and refined carbohydrates may induce inflammatory and oxidative stress, and several micronutrients, such as minerals and vitamins, are known for their antiinflammatory potential. Not only nutrients, but also non nutrient microconstituents, such as phytochemicals, are important immunity and inflammatory modulators. The aim of this Special Issue is to welcome original clinical research and reviews on the investigation of the effect of specific foods or dietary compounds on inflammation-mediated diseases.

### Guest Editors

Dr. Charalampia Amerikanou

Department of Nutrition and Dietetics, Harokopio University of Athens, Athens, Greece

Dr. Efsthia Papada

UCL Division of Medicine, University College London, UK

Dr. Aristeia Gioxari

Department of Dietetics and Nutritional Science, School of Health Science and Education, Harokopio University, 70 El. Venizelou Avenue, 17671 Athens, Greece

### Deadline for manuscript submissions

20 May 2026



## Clinics and Practice

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 2.8  
Indexed in PubMed



[mdpi.com/si/223486](https://mdpi.com/si/223486)

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

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





# Clinics and Practice

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 2.8  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

---

#### Editor-in-Chief

Dr. Athanassios A. Kyrgidis  
Department of Oral and Maxillofacial Surgery, School of Dentistry,  
Faculty of Health Sciences, Aristotle University, Thessaloniki, Greece

---

#### Author Benefits

##### High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, Embase, and other databases.

##### Journal Rank:

JCR - Q2 (Medicine, General and Internal) / CiteScore - Q2 (General Medicine)

##### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.7 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).