

Special Issue

Plant-Based Foods in Cancer Prevention and Treatment

Message from the Guest Editor

Epidemiological and experimental research strongly support the role of plant-based diets in cancer prevention, and more recently in the management and treatment of cancer. Plant-based foods such as fruits, vegetables, nuts, seeds, and legumes are rich sources of fiber, anti-oxidants, vitamins, phytochemicals, and other micronutrients with documented cancer inhibitory effects. Plant bioactive compounds work through a variety of mechanisms to mitigate the “hallmarks of cancer”, including growth and proliferative signaling, genomic instability and mutations, replicative immortality, energy metabolism, cell death resistance, immune and inflammatory signaling, angiogenesis, invasion, and metastasis. This Special Issue of *Nutrients* on “Plant-Based Foods in Cancer Prevention and Treatment” invites manuscripts—both reviews and original research articles—in the field of plant-based cancer inhibition, whether it be targeting cancer progression, impacting cancer management, or modulating cancer therapeutic efficacy. Both preclinical and clinical research are of interest.

Guest Editor

Prof. Dr. Laura A. Kresty

Section of Thoracic Surgery, Department of Surgery, and the Rogel Cancer Center, University of Michigan, Ann Arbor, MI 48109, USA.

Deadline for manuscript submissions

closed (15 February 2022)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/58743

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

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





Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



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



About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Nutrition and Dietetics)