

Special Issue

Food Composition and Dedicated Databases: Key Tools for Human Health and Public Nutrition

Message from the Guest Editors

To better understand nutrition, food chemistry, and medicine, it is necessary to study bioactive constituents, which requires detailed knowledge and coverage on the composition of compounds of nutritional and nutraceutical character; the need for categorization of substances and for the implementation of specific and dedicated databases has emerged from both analytical data and collected data taken from literature throughout harmonized and standardized approach.

Food Composition and other dedicated databases as well as metabolomic databases and biomarkers repositories represent an unique data resource for nutritionists, dietitians, and researchers for several applications, i.e., dietary assessment, exposure studies, food labelling, health claims processes; epidemiological studies and clinical trials.

Applications and utilization of databases from nutrition and medicine-related fields in other contexts are here explored. Current research trends are defined.

Guest Editors

Dr. Alessandra Durazzo

CREA-Research Centre for Food and Nutrition, Via Ardeatina 546, 00178 Rome, Italy

Dr. Massimo Lucarini

CREA-Research Centre for Food and Nutrition, Via Ardeatina 546, 00178 Rome, Italy

Deadline for manuscript submissions

closed (15 October 2021)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/73346

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 (UIBS), 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)