



nutrients



an Open Access Journal by MDPI

Databases, Nutrition and Human Health

Guest Editors:

Prof. Dr. Andreu Farran-Codina

Department of Nutrition, Food Science, and Gastronomy, INSA-UB, XIA, Faculty of Pharmacy and Food Sciences, Food and Nutrition Torribera Campus, University of Barcelona, Av. Prat de la Riba, 171, E-08921 Santa Coloma de Gramenet, Barcelona, Spain

Dr. Mireia Urpi-Sarda

Department of Nutrition, Food Science and Gastronomy, INSA-UB, XIA, Faculty of Pharmacy and Food Sciences, Food and Nutrition Torribera Campus, University of Barcelona, Av. Prat de la Riba, 171, E-08921 Santa Coloma de Gramenet, Barcelona, Spain

Deadline for manuscript submissions:

15 October 2024

Message from the Guest Editors

Almost from the very beginnings of nutrition science, databases (in printed or electronic format) have been a fundamental tool in nutrition research, and in the evaluation and dietary planning of individuals and populations. This includes a wide range of databases, such as food composition databases, descriptor databases for use in standardized and structured languages to describe foods, food allergen databases, food intake databases, and even databases for decision-making in food safety and nutrition policies. The importance of databases has increased in recent decades due to the development of computing and big data analysis. Taking advantage of these advances, omics disciplines such as genomics or metabolomics have emerged, which also have their application in the field of nutrition and require specialized databases. Developments in fields such as semantic Web or artificial intelligence are likely to further increase the importance of high-quality and comprehensive databases. The aim of this Special Issue is to provide a broad overview of the applications of databases in nutrition, their development methodologies, as well as the quality requirements they must meet.



mdpi.com/si/148615

Special Issue



nutrients



an Open Access Journal by MDPI

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 & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

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.

Contact Us

Nutrients Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
[X@Nutrients_MDPI](https://twitter.com/Nutrients_MDPI)