

## Special Issue

# Dietary Fructose and Glucose: The Multifaceted Aspects of their Metabolism and Implication for Human Health

### Message from the Guest Editor

We welcome the submission of manuscripts, either describing original research, or reviewing scientific literature. Manuscripts should focus on well-defined topics not previously reported extensively in the literature, such as (but not limited to):

- functional aspects of fructose and glucose metabolism
- health effects of chronic fructose consumption
- molecular and mechanistic insights of hexoses-induced adaptations
- sugars, sweet taste receptors and brain responses
- intervention studies in humans

Papers covering species comparisons of nutrition/metabolism or evolutionary perspectives, or effects of fructose and glucose in specific physiological conditions (physical activity, pregnancy, growth, etc.) or special tissues (testis, placenta) are welcome.

---

### Guest Editor

Prof. Dr. Luc Tappy

Department of Physiology, Faculty of Biology and Medicine, University of Lausanne, Lausanne, Switzerland

---

### Deadline for manuscript submissions

closed (28 February 2017)



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/7276](https://mdpi.com/si/7276)

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