

## Special Issue

# Dietary Sugars, Overweight and Obesity

### Message from the Guest Editor

The global prevalence of overweight and obesity has steadily increased in recent decades and the role of dietary sugars in body weight regulation is still a topic of controversy. Different research topics are of great interest to further elucidate the role of dietary sugars in the development of overweight and obesity:

- Effects of dietary sugars on body weight, including added, free and total sugars as well as certain monosaccharides such as fructose and others.
- Neuronal and molecular mechanism of dietary sugars in brain areas as well as peripheral organs, which might contribute to body weight gain. For example, this includes central areas in the regulation of hunger and satiety as well as peripheral areas which are involved in glycemic control.
- The role of sweet taste and sweet preference on overweight and obesity.

All types of human and animal studies are welcome for this issue, including intervention studies, observational studies, systematic reviews and meta-analyses or modeling studies. Narrative reviews are also welcome.

---

### Guest Editor

Dr. Philip Prinz

Department of Nutritional Sciences, German Sugar Association, 10117 Berlin, Germany

---

### Deadline for manuscript submissions

closed (30 April 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/80754](https://mdpi.com/si/80754)

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )