







an Open Access Journal by MDPI

# Recent Advances in Nutrition for Disease Prevention and Sports Performance Enhancement

Guest Editor:

#### Dr. Pedro L. Valenzuela

Faculty of Sports Sciences, European University of Madrid, 28670 Madrid, Spain

Deadline for manuscript submissions:

closed (20 January 2023)

# **Message from the Guest Editor**

Dear Colleagues,

Growing evidence supports the important role of nutrition for health and performance. Nutritional interventions alone or in combination with physical exercise - have proven effective for reducing the incidence of different chronic diseases and their associated risk factors (e.g., obesity, diabetes, hypertension, hypercholesterolemia). A healthy diet also seems to prevent many of the detrimental consequences of aging, notably sarcopenia and frailty. On the other hand, diet has been reported to influence physical performance, with nutrition – including nutritional supplements – being a cornersone in the armamentarium of athletes. The role of nutrition seems therefore wide but. although research is rapidly growing, controversy still exists as to the optimal nutritional strategies for disease prevention and sports performance enhancement. The present special issue aims to report recent findings in the role of nutrition for disease prevention and sports performance enhancement, as well as to summarize current evidence on these topics.

Dr. Pedro L. Valenzuela Guest Editor







IMPACT FACTOR 4.8





an Open Access Journal by MDPI

### **Editors-in-Chief**

#### Prof. Dr. Lluis 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

# **Message from the Editorial Board**

*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peerreview 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.

#### Prof. Dr. Maria Luz Fernandez

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

## **Author Benefits**

Las Palmas, Spain

**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 (Food Science)

#### **Contact Us**