



## Malnutrition and Immune System

Guest Editors:

### **Dr. Anastasia Z. Kalea**

1. Institute of Liver and Digestive Health, Division of Medicine, Institute of Cardiovascular Science, University College London, London, UK

2. Division of Medicine, University College London, Rayne Building, London WC1E 6JF, UK

### **Prof. Dr. Elizabeth C Jury**

Centre for Rheumatology Research, Division of Medicine, University College London, UK

Deadline for manuscript submissions:

**closed (30 November 2021)**

### **Message from the Guest Editors**

Malnutrition is a state of nutrition in which a deficiency or excess (or imbalance) of energy, protein, fats, and other nutrients leads to assessable adverse effects on every system in the body, and always results in increased susceptibility to illness, increased complications, and even death.

Marginal intakes of critical vitamins, minerals, and essential amino acids are necessary for a robust immune system able to fight infection. Moreover, the presence of malnutrition is further exacerbated by the declining gastrointestinal uptake of micronutrients and macronutrients that may occur in high-risk populations living with chronic diseases or being of advanced age.

The purpose of this Special Issue on “Malnutrition and the Immune system” is to offer a novel insight into the effects of nutrition status on immunity. We aim to gather a series of manuscripts on how poor nutrition status influences immune cell homeostasis and on how a balanced diet composed of nutrients vital to health may reduce infection and disease progression, while improving recovery during the course of the disease.





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 and Dietetics) / CiteScore - Q1 (Food Science)

## 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, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/nutrients  
nutrients@mdpi.com  
X@Nutrients\_MDPI