



## Health Benefits of Pharmacological Nutrition in Neonates

Guest Editors:

### **Dr. Tim Wolfs**

Department of Paediatrics,  
Maastricht University, Maastricht,  
The Netherlands

### **Prof. Dr. Jogchum Plat**

Department of Nutrition and  
Movement Sciences, NUTRIM  
School of Nutrition and  
Translational Research in  
Metabolism, P.O. Box 616, 6200  
MD Maastricht, The Netherlands

Deadline for manuscript  
submissions:

**closed (15 September 2020)**

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

Preterm birth and intrapartum-related complications such as asphyxia or infection are perinatal conditions that increase the risk for neonatal and long-term morbidity.

Bioactive elements that promote infant health are present in the amniotic fluid, fetal circulation and breast milk. These bioactive factors are also linked to the reduction of inflammation, the protection against infections and maturation of the infants' immune system.

During recent decades, the list of identified bioactive factors that perform wide-ranging functions to protect the fetus and neonate in the critical perinatal period is increasing.

These combined findings support the concept that supplementation of the maternal and or neonatal diet is a promising therapeutic strategy to promote infant health and reduce neonatal morbidity and mortality.

The aim of this proposed Special Issue on "Health Benefits of Pharmacological Nutrition in Neonates" is to publish selected papers that underscore and clarify the benefits of supplementation in the diet of pregnant women and neonates.





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)

## 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