



## Immunonutrition: Biomedical Basis for Disease Management 2.0

Guest Editor:

**Dr. Jose Laparra Llopis**

Madrid Institute for Advanced  
Studies in Food (IMDEA Food),  
Madrid, Spain

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### Message from the Guest Editor

Knowledge about the impact of immunonutritional agonists on citizens' health can offer a way to reduce the risk of suffering chronic diseases and even offer a therapeutic potential on these. Innate and adaptive immune effectors operate sequentially and in distinct ways during normal development to prevent alterations in tissue metabolic homeostasis as well as to establish steady-state commensalism. Those are key to correct the distinctive stamp in alterations to the homeostasis of nutrients, leading to immunometabolic-based diseases with a strong impact on future morbidity rates and a reduction in the life expectancy of the population (i.e., non-alcoholic fatty liver disease, metabolic syndrome, cancer). There is evidence of the relevance of perinatal nutrition to developmental programming of innate immune effectors, worsening or improving their contribution to the risk of disease development. Identification and development of immunonutritional agonists, as well as definition of their biomedical action based on life sciences, can greatly accelerate our progress toward precision medicine in health promotion.





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## Editor-in-Chief

### Prof. Dr. Felipe Fregni

1. Neuromodulation Center and  
Center for Clinical Research  
Learning, Spaulding  
Rehabilitation Hospital and  
Massachusetts General Hospital,  
Harvard Medical School, Boston,  
MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

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*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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