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Nutrition Therapy: Personal Diet and Lifestyle and Human Health

Guest Editors:

Message from the Guest Editors

Prof. Dr. Carlo Agostoni

Dr. Marco Silano

Dr. Gregorio P. Milani

Deadline for manuscript submissions: closed (15 July 2023) Nutrition therapy may encompass either personalized nutrition for the preventive approach as well as supporting nutition therapies in disease. The goal of individually tailored interventions is to take out each individual from either the two edges (representing overnutrition and undernutrition, respectively) of the U-shaped associations with "worst" conditions, compared with "better" conditions in states of balanced nutrition.

Within a global health perspective, moving from immigrant displacement to pandemics in different settings, the early exposure to poor living conditions was associated with malnutrition which was followed later by an over intake of energy associated with an unhealthy lifestyle. The two types of unbalance may unfavorably affect the course of either acute and chronic inflammatory disorders, as well as other congenital and acquired diseases. Thus, effective interventions "require major societal shifts extended to the entire global food system" and a deeper knowledge of the mechanisms linking nutrition-associated metabolic pathways with pathogenic biomechanisms, in particular the cascade of pro-inflammatory mediators.



Specialsue





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Editors-in-Chief

Prof. Dr. Lluis Serra-Majem

 Centro de Investigación
Biomédica en Red Fisiopatología de la Obesidad y la Nutrición
(CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
Research Institute of
Biomedical and Health Sciences
(IUIBS), University of Las Palmas de Gran Canaria, 35001 Las
Palmas, Spain
Preventive Medicine Service, Centro Hospitalario Universitario
Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016
Las Palmas, Spain

Message from the Editorial Board

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Prof. Dr. Maria Luz Fernandez

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

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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