Special Issue

Metabolic Correction and Optimization for Improving Outcomes in Chronic Diseases

Message from the Guest Editors

Metabolic correction has been proposed as a physiological concept that guides intervention. It is based on detailed assessment to determine particular patient needs in order to improve health, energy, cognition and performance. Metabolic correction is directed to provide the necessary precursors and enzymatic cofactors needed to increase specific metabolites that are likely insufficient and to improve metabolic pathways. These insufficiencies have been associated with cellular dysfunction leading to physiologic impairment. Metabolic correction addresses biochemical disturbances and assists the body in achieving balance, harmony and a healthy homeostasis. When underlying causes are properly addressed, the innate healing mechanisms will respond and health will be restored. This SI is dedicated to metabolic correction in chronic diseases. We will discuss the mechanisms, benefits and clinical evidence on the application of metabolic correction to address chronic diseases such as hypertension, stroke, artery disease, neuropathy, cognitive decline and dementia, autism, psychiatric disorders cancer, regenerative innovations, oxidative therapies and autoimmune disorders.

Guest Editors

Dr. Jorge R. Miranda-Massari

Medical Sciences Campus, School of Pharmacy, University of Puerto Rico, San Juan, PR 00936, USA

Prof. Dr. Michael J Gonzalez

1. Department of Human Development Nutrition Program, School of Public Health, University of Puerto Rico Medical Sciences Campus, P.O. Box 365067, San Juan, PR 00936-5067, USA
2. Medical Sciences Campus, School of Public Health, University of Puerto Rico, San Juan, PR 00936, USA
3. School of Chiropractic, Universidad Central del Caribe, Bayamon, PR 00960, USA

Deadline for manuscript submissions

closed (31 January 2024)

Metabolites

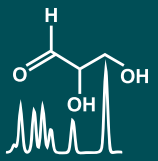
an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed

mdpi.com/si/160158

Metabolites
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

mdpi.com/journal/metabolites



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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

Dr. Amedeo Lonardo
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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