Special Issue

Cyclitols in Cardiometabolic Syndrome

Message from the Guest Editors

In recent years, accumulating evidence from animal and human studies suggested a wide range of pharmaceutical benefits of cyclitol supplementation. Among different compounds, the greatest attention was attracted to inositols, in particular mvo-inositol and d-chiro-inositol. As key mediators of cell signal transduction, inositols play a major role in insulin signaling, cell growth, peripheral nerve function, and osteogenesis. Simultaneously to improvement in glucose metabolism, inositol supplementation may have a beneficial effect on a variety of metabolic factors, including blood lipids, blood pressure, weight status, and subclinical inflammation. This Special Issue aims to bring the readers' attention to the role of cyclitols in cardiometabolic health. We invite research papers focusing on pharmacokinetics, pharmacodynamics, metabolic function of cyclitols, in particular inositols.

Guest Editors

Prof. Dr. Andrzej Rynkiewicz

1st Department of Cardiology and Internal Medicine, School of Medicine, University of Warmia and Mazury in Olsztyn, 10-082 Olsztyn, Poland

Dr. Michal Majewski

Department of Pharmacology and Toxicology, University of Warmia and Mazury in Olsztyn, Olsztyn, Poland

Deadline for manuscript submissions

closed (31 October 2021)



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

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About the Journal

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.

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

Prof. Dr. Maria Luz Fernandez

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

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