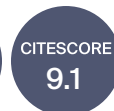




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The Role of Nutrition in the Prevention and Management of Chronic Diseases in Middle-Aged and Older Adults

Guest Editors:

Prof. Dr. Jan Chojnacki

Department of Clinical Nutrition
and Gastroenterological
Diagnostics, Medical University of
Lodz, 90-647 Lodz, Poland

Prof. Dr. Tomasz Popławski

Department of Pharmaceutical
Microbiology and Biochemistry,
Medical University of Lodz, 92-
215 Lodz, Poland

Prof. Dr. Cezary Chojnacki

Department of Clinical Nutrition
and Gastroenterological
Diagnostics, Medical University of
Lodz, 90-647 Lodz, Poland

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Message from the Guest Editors

Dear Colleagues,

Any chronic disease requires nutritional treatment. Food products are a source of many ingredients, including vitamins, microelements and amino acids needed for the synthesis of cellular proteins and biologically active compounds for the functioning of the body. The optimal diet should be adapted to the needs of the body in health and disease. Both the deficiency and the excess of many dietary compounds may adversely affect the course of chronic disease. Indication for dietary restriction or supplementation requires the careful assessment of patients' health as well as the monitoring of treatment results. The absorption and metabolism of nutrients changes with the age of patients. It also depends on changes in the digestive tract environment, especially the gut microbiota. Interaction between drugs and foods is also very important. The search for optimal methods of nutritional treatment is one of the most important tasks of clinical dietetics in patients of different ages.



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(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

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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