

Special Issue

A Public Health View on Chronic Aging Diseases

Message from the Guest Editors

According to our current understanding of the aging process, chronic, low-grade inflammation is a major driver of aging and the development of age-related medical conditions. The main stimuli which trigger receptors of the innate immune system, initiating pro-inflammatory pathways, come from damaged or structurally changed tissues, disturbed gut microbiota, and metabolic challenges associated with changes in the body's shape and glucose-mediated metabolism. In addition, chronic activation of the Th1/Th17 pro-inflammatory immune pathway may contribute to the maintenance of chronic inflammation. Changes in tissue structures and the replacement of functionally competent tissues with fibrotic tissues, as a consequence of immunologic and inflammatory reactions taking place in tissues and organs under aging conditions, lead to organ damage aggravation and the body's overall functional decline. Many details of this complex network, from the macro-environmental level to the organ/tissue and microbiology levels, are poorly understood. By calling for papers for this Special Issue, we aim to seek clarification of this complex issue.

Guest Editors

Prof. Dr. Ljiljana Trtica Majnarić

Department of Family Medicine, Medical Faculty, J. J. Strossmayer University of Osijek, Osijek, Croatia

Prof. Dr. Martina Mihalj

Medical Faculty, Josip Juraj Strossmayer University of Osijek, HR-31000 Osijek, Croatia

Deadline for manuscript submissions

closed (31 October 2024)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 9.8
Indexed in PubMed



mdpi.com/si/140306

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

mdpi.com/journal/

ijerph





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 9.8
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul R. Ward

School of Society and Culture, Adelaide University, Adelaide 5001,
Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)