Special Issue

Prevention and Management of Frailty

Message from the Guest Editors

Prevent and manage the frailty of the elderly is important as their muscle strength and physical activity decrease in old age. Once frailty occurs, they do not have the power to exercise or move and their functions of the heart and muscles deteriorated more rapidly. Consequently, frailty goes through a vicious cycle. Therefore, in addition to observational studies to identify risk factors for preventing aging, various intervention studies have been conducted to develop exercise programs to helping the elderly maintain healthy lives. Until now, most aging studies have focused on physical frailty. However, social frailty and cognitive frailty affect senile health negatively just as much as physical frailty, and little is known about social frailty and cognitive frailty. This Special Issue invites you to submit papers on frailty (i.e., physical frailty, cognitive frailty, and social frailty) prevention, the detection of high-risk groups, differentiation and interventions. We also welcome studies on aging, hearing (presbycusis), presbyphonia, cognition, IoT for public health monitoring, and big data science in all aging disciplines.

Guest Editors

Prof. Dr. Haewon Byeon

College of Al Convergence, Inje University, Gimhae 50834, Korea

Prof. Dr. Jaewon Nah

Department of Automotive Engineering, Honam University, 417, Eodeung-daero, Gwangsan-gu, Gwangju 62399, Korea

Deadline for manuscript submissions

closed (31 August 2022)



International Journal of Environmental Research and Public Health

an Open Access Journal by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/37217

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 8.5
Indexed in PubMed





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 B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation, Richard N. Dixon Research Center, Morgan State University, Baltimore, MD 21251, USA

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)