

Special Issue

The Benefits of Physical Activity and Exercise in Motor and Cognitive Functions in Older Adults

Message from the Guest Editors

The growing proportion and longevity of older adults is a global phenomenon, as recognized by the United Nations (Department of Economic and Social Affairs, 2019). In this context, a significant challenge in the years to come is to provide appropriate conditions and services for older adults to live a long and healthy life. Both motor skills and motor fitness could benefit from active physical lifestyles and regular engagement in exercise. This is particularly relevant for older adults, as they tend to experience mobility problems, a higher risk of falls and a decline in the performance of daily living activities. Besides, cognitive functioning also undergoes detrimental changes during ageing, affecting older adults' functional status and quality of life. In this regard, in recent years there has been growing interest about the impact of exercise on cognition and brain health, including on the underlying mechanisms. For this Special Issue, authors are invited to submit original studies or review recent work on the benefits of physical activity and exercise on motor and/or cognitive functioning and related aspects in both healthy ageing and age-related pathological conditions.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)



International Journal of Environmental Research and Public Health

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CiteScore 8.5
Indexed in PubMed



mdpi.com/si/81958

*International Journal of
Environmental Research and
Public Health*
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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.

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Editor-in-Chief

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