



Accelerated Aging and Chronic Diseases Across the Life-Course

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Message from the Guest Editors

Despite dramatic advances in medical care and public health over the last century, many countries report that life expectancy has stabilized or in some instances decreased. In the 21st century, this burden is often driven by early deaths from working-age adults of lower socioeconomic status caused by an increase in homicides, suicides, and drug overdoses. Equally concerning is the alarming increase in chronic diseases and disability across the globe associated with decreased quality of life, and a host of economic and societal consequences. The associations between health behaviors (e.g., sleep, diet, physical activity), environmental factors (e.g., access to quality healthcare, air pollution, environmental disasters, physical and psychological trauma), and accelerated aging manifesting as disability, chronic disease, injury, and mortality remains unclear. To address these gaps, the aim of this Special Issue is to elucidate the burden, environmental factors, genetic factors, and underlying pathophysiologic mechanisms of accelerated aging.





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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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