Special Issue

Redox Signaling in Aging and Age-Related Diseases

Message from the Guest Editors

Aging is the major risk factor for a number of chronic ARDs which have significant economic, health and social impacts. Therefore, strategies to slow or delay the aging process and which benefit both the health span and ARDs are critically needed. Despite the long-standing controversy over the free radical theory of aging, it is well accepted that redox signals, which include signals of reactive oxygen species, reactive nitrogen species, reactive sulfur species and more, play essential roles in regulating the aging process and, therefore, have significant clinical implications for ARDs. Greater knowledge of redox signaling in aging will provide us with more tools to slow aging processes which have proven to be intractable. We are excited to organize this Special Issue which focuses on the regulation of aging and ARDs by redox signals. We hope that the basic science and clinical studies presented in this Special Issue will advance our knowledge and foster new ways to reduce the burden of ARDs and extend the health span.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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