

Special Issue

Centenarians—A Model to Study the Molecular Basis of Lifespan and Healthspan

Message from the Guest Editors

The extraordinary rise in the elderly population in the Western world underscores the importance of studies on ageing and longevity to decrease the medical, economic, and social problems associated with the increased number of non-autonomous individuals affected by invalidating pathologies. Centenarians show relatively good health, being able to perform their routine daily life and to escape or delay age-related diseases. The aim of this Special Issue is to understand, through a “positive biology” approach, how to prevent, reduce, or delay frailty and disability amongst the elderly. Indeed, rather than making diseases the central focus of study, “positive biology” seeks to understand the causes of positive phenotypes and explain the biological mechanisms of health and well-being. In this Special Issue, studies on different aspects of centenarians are welcome. Original research papers and reviews are equally welcome and may involve in vitro and in vivo studies in different cells and organisms.

Guest Editors

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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