# Special Issue

# Molecular Advances in Mechanism and Regulation of Lifespan and Aging

### Message from the Guest Editor

Aging is an important unsolved problem in biology. It is also by far the most significant risk factor for many major human diseases, such as cancer, heart disease, and Alzheimer's disease. As medical advances extend the average lifespan, the already large public health significance of these aging-related diseases will only continue to grow. Many recent studies have uncovered genes, pathways, and interventions that can have dramatic effects on aging in laboratory models, most of which suggest that their underlying biology may be conserved in humans. This Special Issue aims to highlight recent advances that have been made in this field that deepen our understanding of genes, pathways, and interventions that alter aging in any model system. It also aims to highlight findings that shed light on aging-related biology that has the potential for translation to a human clinical setting, whether in the context of specific aging-related human diseases or of aging itself. We are also interested in new models that enhance our ability to study aging, such as biomarkers.

### Guest Editor

Dr. Mark McCormick

Department of Biochemistry and Molecular Biology, School of Medicine, University of New Mexico Health Sciences Center, Albuquerque, NM, 87131, USA

### Deadline for manuscript submissions

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*Biomolecules*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

mdpi.com/journal/biomolecules

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## Message from the Editorial Board

*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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