



## Adult Stem Cells in Aging

Guest Editor:

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Deadline for manuscript submissions:

**closed (10 March 2022)**

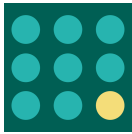
### Message from the Guest Editor

The goal of the Special Issue “**Adult Stem Cells in Aging**” is to discuss the decline in stem cell potential as a cause of the degradation of the regenerative/homeostatic capacities that is seen in many aged and diseased tissues.

This Special Issue encourages Authors to submit their original research or review articles that bring new evidences or synthesis of the most recent and breakthrough data in the field of stem cell behavior in aging process. Topics include, but are not limited to:

- Aged stem cell phenotype: nuclear organization, transcriptional and translational regulation
- Aged stem cell niche components; stem cells in physiological and pathologic aging
- Tumor-suppressor molecules in regulation of cellular senescence
- Molecular interactions of cellular quiescence, aging, programmed death/autophagy and cancer
- Mitochondrial health and epigenetic alternations during aging in quiescent and activated stem cells
- Resistance of stem cells to pro-aging agents and rejuvenation approaches (e.g. nutrient limitation, senescence modulators)
- Diseased stem cell phenotypes and clinical relevance of delayed aging





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