

## Special Issue

# Recent Advances in Adult Stem Cell Research

### Message from the Guest Editor

Tissue-resident stem cells are multipotent cells found in a wide variety of fetal and adult tissues capable of differentiating into various lineages and are critical for their own tissue maintenance and function. Since their discovery, tissue-resident stem cells have been shown to possess remarkable potential for therapeutic applications, which is reflected by a rapid increase in clinical trials targeting stem cells for the treatment of a broad spectrum of diseases. However, much has remained unknown about adult stem cell biology, and challenges remain in their tissue regulatory mechanism and functional changes in aging. We welcome manuscripts of any article type investigating the stem cell-mediated homeostatic or repair mechanisms of multiple tissues damaged by trauma, such as bone/bone marrow, muscle, cartilage, and skin. In addition, we welcome original research investigating the importance of the communication between the physical microenvironment and stem cells in the application of tissue regeneration and repair strategies.

### Guest Editor

Dr. Dongsu Park

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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