



Therapeutic Mechanisms of Stem Cells and Exosomes for Geriatric Disease

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Message from the Guest Editor

As we enter an aging society, we are observing an increasing number of geriatric diseases, such as neurodegenerative diseases and strokes. Many treatments are being developed to deal with these diseases; however, effective treatments do not yet exist. Natural drugs, therapeutic antibodies, and small molecules are also attracting attention as new treatments, but the most popular candidates are stem cells and exosomes. In fact, many preclinical studies have reported numerous therapeutic effects of stem cells and exosomes; however, clinical use is still insufficient.

One of the reasons for this is probably because the therapeutic mechanism of stem cells is not clear, and in the case of exosomes, the mechanisms of generation and composition are not clear.

The purpose of this issue is to emphasize the molecular mechanisms of stem cells and exosomes and the role of various molecules in the process, as well as the direction in which these treatments will proceed in the future. Original research articles, review articles, and short communications in the research areas described (but not limited to) are welcome.





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Message from the Editor-in-Chief

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