

## Special Issue

# Stem Cells in Human Health and Diseases

### Message from the Guest Editor

Since first proposed by the Russian histologist Alexander Maksimov in 1908, stem cells and their potential scientific/medical use have been explored in numerous fields of medicine. These unique cells, with their propensity of self-renewal as well as differentiation capacity, can theoretically replace virtually any injured or diseased organ or tissue, making them the target of extensive research efforts in different medical areas, including cardiovascular diseases, neurology, pulmonology, endocrinology and metabolic disorders, rheumatology, hematology, and oncology. Recent advances in stem-cell-based therapy open up new opportunities for patients suffering from various incurable diseases. This Special Issue will include both research and review articles on molecular mechanisms in stem cell biology and stem-cell-based disease modeling and therapy. We are particularly interested in papers that answer longstanding questions, open new avenues of research, report unexpected findings, or change the way we think about stem cells in medicine. Since *IJMS* is a journal of molecular science, pure clinical studies will not be suitable for publication within this journal.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

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