

## Special Issue

# Stem Cells, Biomaterials, and Molecular Therapies in Plastic Surgery

### Message from the Guest Editor

Advances in stem cell biology, molecular therapeutics, and next-generation biomaterials are rapidly transforming the landscape of plastic and reconstructive surgery. These technologies hold immense promise for improving wound healing, enhancing tissue regeneration, minimizing scarring, and enabling novel reconstructive strategies that go far beyond traditional surgical techniques. We are pleased to invite submissions that explore stem cell-based interventions (including mesenchymal stem cells, adipose-derived stem cells, and induced pluripotent stem cells), bioactive scaffolds, smart biomaterials, growth factor-based treatments, extracellular vesicle and exosome therapies, and molecular pathways involved in tissue repair and regeneration. Studies using advanced molecular profiling, 3D bioprinting, bioengineering approaches, and translational in vivo models are especially welcome. This Special Issue aims to highlight innovative strategies that can reshape reconstructive outcomes, expand therapeutic options, and direct the field toward personalized regenerative surgery.

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### Guest Editor

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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

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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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