

Special Issue

Physical Energies and Morphogenetic Signaling 2.0

Message from the Guest Editor

The field of stem cell biology is evolving in parallel with our awareness of mechanobiology and cellular mechanosensing, and the compelling evidence that stem cells are also finely tuned by physical energies, including mechanical vibrations, bioelectricity, magnetic fields and light. This Special Issue aims to provide a platform for basic and translational science, publishing innovative research and review articles contributed by eminent scientists using physical energies, including electromagnetic fields, light and mechanical vibrations, and eventually exploiting the growing development in electronics and artificial intelligence (AI), to target (stem)cell/tissue morphogenesis and regenerative potential. Authors' contributions are not restricted to a particular field of morphogenesis and regeneration; they can span all models of degenerative diseases, including malignant transformation and rescue.

Guest Editor

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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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