

Special Issue

Advances in Regenerative Medicine, Organ Bioengineering and Transplantation

Message from the Guest Editor

An increase in life expectancy is accompanied by chronic diseases and organ failure, while an increase in cancer-related or inflammatory diseases contributes to premature organ failure. In organ transplantation, allograft rejection represents a major problem that could be overcome with recent advances in immunosuppressive medications. Multipotent adult progenitor cells for organoid generation and interspecies blastocyst complementation open new avenues in regenerative medicine. All new immunosuppressive drug therapies preventing allograft rejection are welcome in this issue. Original articles or reviews proposing new therapeutic strategies for post-transplantation treatment are particularly suitable. New technologies for transplantation and bioengineering that offer safe and ethical therapies for organ regeneration will bring attention. Articles that improve the understanding of extracellular matrix interactions associated with the efficient application of decellularization in tissue engineering are welcome.

Guest Editor

Dr. Dorota Latek

Faculty of Chemistry, University of Warsaw, 02-093 Warsaw, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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