

Special Issue

Advances in Stem Cell Research for Future Therapies and In Vitro Disease Modelling 2.0

Message from the Guest Editor

This Special Issue is focused on recent discoveries that might contribute to the areas of basic stem cell research, in vitro disease modeling, translational stem cell research, and stem cell therapies. Recent advances in cell reprogramming and genome editing technologies have created new possibilities for the development of new in vitro models to study human diseases. More recently, organoids have emerged as powerful tools to better study early developmental biology as a possible source for future cell therapies. Cell replacement therapies are now entering a new phase of growth, and novel discoveries for cell differentiation, expansion, purification, and delivery under GMP conditions are key aspects to move stem cell products from bench to bedside. We invite you to contribute to this Special Issue and to communicate new advances in stem cell research for future therapies and in vitro disease modeling with original articles and reviews.

Guest Editor

Dr. J. Carlos Villlaescusa

Department of Molecular Medicine and Surgery, Karolinska Institutet, Stockholm, Sweden

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

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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