

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

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