Editorial

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Insights in Stem Cells

2015
Vol. 1 No. 1:2

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Received: September 29, 2015; **Accepted:** September 31, 2015; **Published:** October 02, 2015

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Editorial

Stemcells are a class of undifferentiated biological cells, which has the remarkable potential to develop into many different cell types in the body during early life and growth.

Stemcells are characterized by their ability for self-renewal and the ability to differentiate into specialized cell types.

Hematopoietic Stemcells (HSCs) have been widely used for transplantation therapies and basic study of hematopoiesis and immune mechanisms. Mesenchymal Stemcells (MSCs) are also used in many clinical trials. Pluripotent Stemcells (PSCs), such as embryonic Stemcells (ESCs) and induced pluripotent Stemcells (iPSCs), are most attractive cells because of their unlimited growth and potential to be differentiated into all cell types in body. Several clinical trials of PSC-derived cells are started. Also Patients'-derived iPSCs are used for disease mechanism studies as wells drug screening. Cancer Stemcells (CSCs) are also being widely studied for cancer development as well as diagnosis and target therapy. Other Stemcells, skin or neural Stemcells for example, are also being widely studied. In addition, recently, many Stemcells/progenitor cells are being discovered in variety of tissue in human body. Many of these tissues cannot be regenerated in human body. Therefore, it was believed there is no stem/progenitor cell until very recent. Although many of the cells are quiescent and does not self-renew or differentiate in normal condition, these finding opens up for possibility of tissue regeneration in many of human tissue.

Stemcell research is one of the scientific fields can connect basic research and translational application. Stem cell study has great potential for cure many diseases. This is highly beneficial for society and economics. All of the stem cell applications are results of basic researches and technical innovations. Therefore, these studies should be published quickly and distributed to public widely without political biases. In this spirit, we would like to welcome to you a new journal Insights in Stemcells [1] on top of many other stem cell journals. Insightsin Stemcells [1] is open access journal, and articles will be spread through social media, such as Twitter, Facebook and Scribd, on top of traditional repositories or indexes. We covers all area of Stemcells research, such as Cancer Stemcells, Stem-cell transplantation, Organ and Organism-Specific Stemcells, Stem cell biology, Stem cell therapy etc., and all type of manuscripts, including Original research, Review, Case report, Short commentaries, Rapid communications, Letter to editor, Perspectives, Opinion, Hypothesis etc. Submitted papers will be reviewed in a first track, and accepted articles will be in first track editing process and available online for viewing and downloading.

All copyrights are under creative a common license, which meets NIH public access policy and Welcome Trust open access policy. Among many other stem cell journals, Insights in Stemcells [1] is unique and new platform for distribute your studies, discovery and opinions rapidly and widely to public. That means Insights in Stemcells [1] will also support development of stem cell field. We hope this spirit and vision inspire you to submit your manuscript to our Insights in Stemcells [1].

References

1. http://stemcells.imedpub.com/.