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## Past Webinar Report on Stem Cell Research

Webinar on Stem Cell will be held on December 10th , 2020. Panel of speakers will be delivering their presentations on their recent research related to Stem Cell. Current state of knowledge, its impact on future will be discussed in detailed. Meetings International invites all experts to be part this webinar series and make it a perfect platform for knowledge sharing and networking. The Theme of the Webinar is Recent Trends and Innovations in Stem Cells.

### Keywords

Scientific Sessions of Stem Cell 2020 includes Stem Cells, Cell Therapy, Tissue Engineering, Molecular Genetics, Stem Cell and Regenerative medicine. A Stem cell is a cell with the one of a kind capacity to form into specific cell types in the body. Regenerative medication is a part of translational exploration in tissue designing and sub-atomic science which manages the “cycle of supplanting, building or recovering human or creature cells, tissues or organs to re-establish or set up ordinary capacity. Tissue building is the utilization of a mix of cells, designing, and materials strategies, and appropriate biochemical and physicochemical variables to improve or supplant natural tissues. Molecular Genetics is a sub-field of science that tends to how contrasts in the structures or articulation of DNA particles show as variety among life forms. Cell Therapy intends to present new, solid cells into a patient’s body, to supplant the infected or missing ones. A test for this kind of treatment is having enough cells for transplantation into a patient.

### Sessions :

#### Track 1: Stem Cell

A Stem cell is a cell with the one of a kind capacity to form into specific cell types in the body. Later on they might be utilized to supplant cells and tissues that have been harmed or lost because of sickness. Grown-up undifferentiated cells are found in a couple of select areas in the body, known as specialties, for example, those in the bone marrow or gonads. They exist to renew quickly lost cell types and are multipotent or unipotent, which means they just separate into a couple of cell types or one cell type.

#### Track 2 : Stem Cell and Regenerative Medicine

Regenerative medication is a part of translational exploration in tissue designing and sub-atomic science which manages the “cycle of supplanting, building or recovering human or creature

cells, tissues or organs to reestablish or set up ordinary capacity.

#### Track 3 : Tissue Engineering

Tissue building is the utilization of a mix of cells, designing, and materials strategies, and appropriate biochemical and physicochemical variables to improve or supplant natural tissues. Tissue designing includes the utilization of a tissue framework for the arrangement of new feasible tissue for a clinical reason.

#### Track 4 : Molecular Genetics

Molecular Genetics is a sub-field of science that tends to how contrasts in the structures or articulation of DNA particles shows as variety among life forms. Sub-atomic hereditary qualities regularly applies an “analytical methodology” to decide the structure or potentially capacity of qualities in a creature’s genome utilizing hereditary screens.

#### Track 5 : Cell Therapy

Cell Therapy intends to present new, solid cells into a patient’s body, to supplant the infected or missing ones. A test for this kind of treatment is having enough cells for transplantation into a patient. This is on the grounds that specific cells, for example, synapses, are hard to acquire from the human body. Likewise, specific cells ordinarily have a restricted capacity to duplicate, making it hard to create adequate quantities of cells required for certain cell treatments. A portion of these issues can be defeated using undifferentiated cells.

Stem Cell Webinar brings an Opportunity to attend the presentations delivered by eminent scientists, researchers, experts from all over the world and Participation in sessions on specific topics on which the conference is expected to achieve progress. It brings Global networking in transferring and exchanging Ideas. Share your excitement in promoting new ideas, developments and innovations in the field of Stem Cells.

Webinar will be scheduled on a wide range of topics and it will be helpful for the scientific fraternity to be connected while staying at their preferred place. Join the Conference organized by us and let the world know about your research and innovation.

- Everyone gets an opportunity to witness and interact with individuals from their relevant field of interest.
- Online presentation to real time conversation

**Note :** This work is partly presented at 8th Edition of International Conference on Clinical and Medical Case Reports (August 09-10, 2018| Madrid, Spain)

- Constant Source of Fresh Ideas & Insights From Peers
- Affordability
- Creation of one Web Page for Each Participants

#### Market Analysis

The global Stem Cell market is expected to grow at an incredible CAGR of 25.5% from 2015 to 2022 and reach a market value of US\$297 billion by 2022. The emergence of Induced Pluripotent Stem (iPS) cells as an alternative to ESCs (embryonic stem cells), growth of developing markets, and evolution of new stem cell therapies represent promising growth opportunities for leading players in this sector.

Due to the increased funding from Government and Private sector and rising global awareness about stem cell therapies and research are the main factors which are driving this market. A surge in therapeutic research activities funded by governments across the world has immensely propelled the global stem cells market. However, the high cost of stem cell treatment and strin-

gent government regulations against the harvesting of stem cells are expected to restrain the growth of the global stem cells market. Whereas the Europe Stem cell market is estimated to grow at a CAGR of 9.45% by the end of the forecast period of 2018-2026. The market is chiefly progressing due to increasing R&D investments in adult stem cell research in the region, ease of administration and the growing incidences of chronic disease due to the changing lifestyles of the population.

The countries analyzed in the Europe Stem cell market are UK, France, Germany, Spain, Italy and rest of Europe. Most of these countries have a stable economic environment, enabling their population to spend more on their health. In this report, the Europe stem cell market has been segmented based on technology, product and applications. At present, the regenerative medicine application accounts for a high revenue share. Because of their use in regenerative therapies, stem cells are increasingly finding applications in the fields of neurological and hematological disorders, and in areas such as organ transplants, Crohn's disease, systemic lupus, and infertility.

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