

## Past Report - Stem Cell Research Webinar 2020

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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.

### Target Audience

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.

#### 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.