

International Conference on Stem Cell and Regenerative Medicine: Research to Business

22nd to 24th March, 2012 at Hyderabad, India



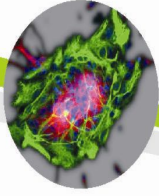
In a remarkably short span of time, stem cells and regenerative Medicine field has attracted an extraordinary level of interest from scientists, clinicians, industry and general public. The explosive advances in the field and potential applications of stem cell research findings to regenerative medicine are truly turning into global enterprise. Starting with an igniting discovery and derivation of human embryonic stem cells (hESC) by Dr. James A. Thomson at Wisconsin University and later on followed by a more interesting discovery of induced Pluripotent stem cell (iPSC) methods to turn a differentiated adult cell into ESC like cell by Dr Shinya Yamanaka in University of Kyoto, Japan, continents to progress with phenomenal findings. Scientists in different global regions have made notable advances in fundamental biology and are leading the developments of stem cell based clinical trials for selected diseases such as Spinal cord injury, macular degeneration etc. In addition to Pluripotent stem cells, advances in adult stem cells that include cord blood, mesenchymal stem cells, hematopoietic stem cells, neural stem cells is continuing to find novel ways of treatment modalities for different diseases.

Innovation in biological sciences and the development of human stem cells is expected to revolutionize today's medical treatment. Options, particularly for hard-to-treat diseases such as type 1 diabetes, Parkinson's disease etc.

While the advances made in stem cell research offers myriad possibilities for cell replacement & tissue repair for variety of diseases including Parkinson's disease, spinal cord injury, burns, heart disease, diabetes & arthritis, it is very critical that research & policy approaches in the area of stem cells and regenerative medicine are co-evolved, and are rightly in place with a regulatory control to monitor safety and efficacy. Asia comes of age, as several nations in Asia have shown extraordinary support and commitment to nourish the advances in the field and safely harvest these findings for larger good of public interest

Year 2011-2015 will be the most defining period for the nascent stem cell Industry in India, the long awaited formation of the National Apex Committee for Stem Cell Research and Therapy (NAC-SCRT) has been set up by the Union Ministry of Health. This step from the government will be a stepping stone for the Indian Industries, Entrepreneurs and companies to take up the stem cell research and cell-based-therapies on a trajectory to next level. NAC-SCRT set up has been very timely to monitor the stem cell research and applications in India and setting up of NAC-SCRT will play a crucial role in mustering the co-operative productivity from the emerging new companies in the Stem Cell Industry.

It was in 2002 the first international conference on Stem Cell was organized by us at Hyderabad, which was extremely successful and was participated by eminent speakers from across the globe and was highly appreciated by medical, Scientific, Industrial Professionals. The amount of research at that time was very primitive. It's over a decade now and the amount of research and new changes happening in stem cell has increased tremendously and there is lot of scattered information about the latest happenings in this area. Nearly about 2,000 scientific



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studies have been published and posted in the NIH Medical Library, just in the first 2 months of 2009, and also, more that 50,000 reports over the course of the past 3 years are published. To bridge this gap it's now high time to organize the second International conference by Federation of Asian Biotech Associations (FABA) and bring several experts on to one platform where they can exchange their information, ideas and at the same time, large business MOUs and agreements can be entered into with international companies which will be the real stepping stones for the Indian Stem Cell Industry, particularly in area of therapy.

To achieve this objective, appropriate step is to organize an International "Stem Cell and Regenerative Medicine" conference that aims to serve as a catalyst to inspire stem cell research and application around the world by providing an informative sessions for academics, researchers, industries and experienced professionals to share their research findings and leading discoveries on the potential of such new treatment as well as the risks involved and the possible steps to overcome those.

As the field is going through an explosive growth in terms of advances, it is very timely to scout an International Conference on "Stem Cell and Regenerative Medicine" to bring together the basic Scientist, Clinicians and Industrialists onto one common plat form and conduct the full spectrum of deliberations towards common consensus around the Educational, Scientific, Regulatory and Business aspects of basic and applied research on Stem Cells. This conference will be the flagship international event uniting the stem cell community to network and learn from each other.

Stem cell science, regenerative medicine and cell therapies represent a paradigm shift in the treatment of diseases. It is the goal of the organisers to create a single meeting that delivers intelligent and compelling content with the aim of facilitating, accelerating and translating groundbreaking biomedical research and developments into lifesaving treatments and cures.

This event will cover the most cutting-edge technologies in stem cell research and commercial application of stem cells. Industry experts across India and across the world will converge to share knowledge on their stem cell research and therapy, debate and discuss on how to overcome the challenges facing the Stem Cell industry in India and across the world, which can open up new opportunities in the area of research, therapy, Industry and stem cell banking. This conference would serve as a forum for Indian companies to forge new partnerships with rest of the world and opens doors for international companies to actively participate in this emerging industry. This event will also throw limelight to foreign companies and show them the pathway of entering into the Indian market which can help in the decision making process of setting up a base in India.