

2020 Market Analysis on 2nd International Conference on Genetics and Molecular Biology, September 24-25, 2020 | Paris, France

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[Genetics & Molecular Biology](#) is an interdisciplinary field that applies the principles of engineering and life sciences toward the development of biological substitutes that restore, maintain, or improve tissue function or a whole organ. Regenerative medicine is not one discipline. It can be defined as a therapeutic intervention which “replaces or regenerates human cells, tissues or organs, to restore or establish normal function” and deploys small molecule drugs, biologics, medical devices and cell based therapies

Currently it has emerged as a rapidly diversifying field with the potential to address the worldwide organ shortage issue and comprises of tissue regeneration and organ replacement.

Regenerative medicine could potentially save public health bodies money by reducing the need for long-term care and reducing associated disorders, with potential benefits for the world economy as a whole.

The global genetic Engineering and regeneration market reached \$17 billion in 2013. This market is expected to grow to nearly \$20.8 billion in 2014 and \$56.9 billion in 2019, a compound annual growth rate (CAGR) of 22.3%. On the basis of geography, Europe holds the second place in the global market in the field of regenerative medicine & tissue engineering.

In Europe countries like UK, France and Germany are possessing good market shares in the field of regenerative medicine and tissue engineering. Spain and Italy are the emerging market trends for tissue engineering in Europe.

Importance & Scope:

[Genetic engineering](#) is "an interdisciplinary field that applies the principles of engineering and life sciences toward the development of biological substitutes that restore, maintain, or improve tissue function or a whole organ. Currently it has emerged as a rapidly diversifying field with the potential to address the worldwide organ

shortage issue and comprises of tissue regeneration and organ replacement.

A novel set of tissue replacement parts and implementation strategies had shown a great revolution in this field. Cells placed on or within the tissue constructs are the most common methodology in tissue engineering. Regenerative medicine is not one discipline. It can be defined as a therapeutic intervention which “replaces or regenerates human cells, tissues or organs, to restore or establish normal function” and deploys small molecule drugs, biologics, medical devices and cell based therapies.

This field continues to evolve. In addition to medical applications, non-therapeutic applications include using tissues as biosensors to detect biological or chemical threat agents, and tissue chips that can be used to test the toxicity of an experimental medication.

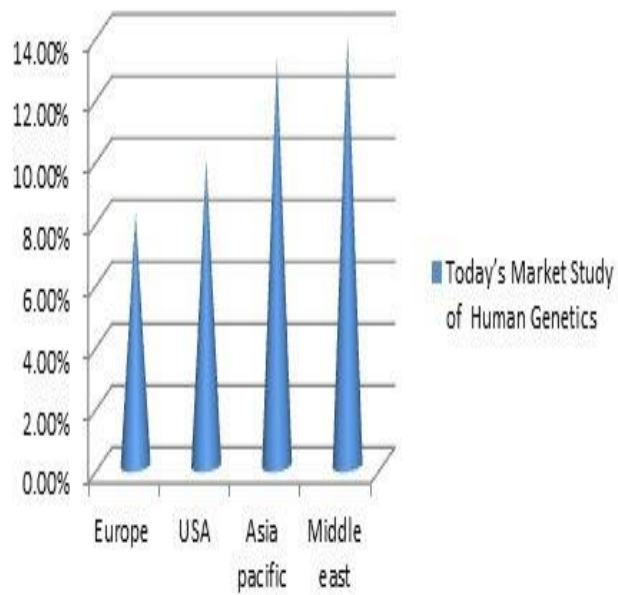
Tissue Engineering and Regenerative Medicine is the major field in Medicine, which is still under research and the advancements are maximizing day to day.

[Genetics & Molecular Biology 2020](#) is an engrossed a vicinity of cognizant discussions on novel subjects like Stem Cell-Tools to Battle Cancer, Tissue Regeneration, Materials & Designs for Tissue Engineering, Bioreactors in Tissue Engineering, Regeneration & Therapeutics, Cord Blood & Regenerative Medicine and Clinical Medicine, to mention a few.

The two days event implants a firm relation of upcoming strategies in the field of Stem Cell & Regenerative Medicine with the scientific community.

The conceptual and applicable knowledge shared, will also foster organizational collaborations to nurture scientific accelerations. We bring together business, creative, and technology leaders from the tissue engineering, marketing, and research industry for the most current and relevant.

Today's Market Study of Human Genetics



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