Editorial Note for Journal of Cell Science and Mutation 2021

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I am pleased to introduce the Journal of Cell Sciene and Mutation (JCSM), a newly launched journal which will be dedicated to advancing the science and Gene Mutation. Journal of Cell Science and Mutation (JCSM) main aim is to publish the most advanced research and discoveries with current developments in the form of original research articles, review articles, case reports, short communications, commentaries, images, video articles, etc. By making our content freely available on internet, we try to meet the research needs of aspiring researchers and scientists throughout the world give them a scope for further advancements in research.

The journal publishes a wide range of scientific articles related to cell biology, multicellular, Cell theory, Cell movement, Ribosomes, Mitochondria, Cell division, Mutation, Gene therapy, Cell structures, Cell sciences along Human, Vegetative, Neurological stem cell, Nano technological stem cell research, Genetic Nano research , Tissue culturing, Chromosomes, Membranes, Eukaryotic cells,Cytoskeleton, Genetic material, Organelles, Eukaryotic, Eukaryotic and prokaryotic, Cell wall, Prokaryotic, Growth and metabolism, etc.

Mutation

A Mutation occurs when a DNA gene is damaged or changed in such a way as to alter the genetic message carried by that gene. A Mutagen is an agent of substance that can bring about a permanent alteration to the physical composition of a DNA gene such that the genetic message is changed. Once the gene has been damaged or changed the mRNA transcribed from that gene will now carry an altered message.

Stem Cell Therapy

Stem Cell Research is dedicated to publishing high quality manuscripts focusing on the biology and applications of stem cell research. Submissions to Stem Cell Research, may cover all aspects of stem cells, including embryonic stem cells, tissue-specific stem cells, cancer stem cells, developmental studies, genomics and translational research. Special focus of SCR is on mechanisms of pluripotency and description of newly generated pluripotent stem cell lines.

Tissue Culturing

Tissue culture, a method of biological research in which fragments of tissue from an animal or plant are transferred to an artificial environment in which they can continue to survive and function. The cultured tissue may consist of a single cell, a population of cells, or a whole or part of an organ. Cells in culture may multiply; change size, form, or function; exhibit specialized activity (muscle cells, for example, may contract); or interact with other cells.

Nanotechnology

Nanoscience and nanotechnology are the study and application of extremely small things and can be used across all the other science fields, such as chemistry, biology, physics, materials science, and engineering

Neurological Stem Cell

Neural stem cell, largely undifferentiated cell originating in the central nervous system. Neural stem cells (NSCs) have the potential to give rise to offspring cells that grow and differentiate into neurons and glial cells (non-neuronal cells that insulate neurons and enhance the speed at which neurons send signals). NSCs can be directly derived from embryonic or mature neural tissue, or can be obtained through differentiation of ESCs or iPSCs using well-established protocols. When transplanted, NSCs are able to improve the phenotype in different transgenic models of motor neuron disease.

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