

Perspective

Genomics 2021

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Introduction

Genomics-2021 Genomics is an area within genetics that concerns the sequencing and analysis of an organism's genome. Genomics also involves the study of intragenomic processes such as epistasis, heterosis and pleiotropy as well as the interactions between loci and alleles within the genome. The fields of molecular biology and genetics are mainly concerned with the study of the role and function of single genes, a major topic in today's biomedical research. By contrast, genomics does not involve single gene research unless the purpose is to understand a single gene's effects in context of the entire genome.

Advanced Gene Therapeutics

- Biofabrication and Bone Tissue
- Regeneration Manufacturing Challenges for Regenerative Medicine
- Cardiac Progenitor Cells
- Mesenchymal Cells