1. Record Nr. UNINA9910298394803321

Titolo	Cell Biology and Translational Medicine, Volume 2 : Approaches for Diverse Diseases and Conditions / / edited by Kursad Turksen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-030-04170-0
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (158 pages)
Collana	Cell Biology and Translational Medicine, , 2522-090X ; ; 1089
Disciplina	616.02774 571.6
Soggetti	Stem cells Regenerative medicine Tissue engineering Gene therapy Genetic engineering Stem Cells Regenerative Medicine/Tissue Engineering Gene Therapy Genetic Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Stem cell and obesity: current state and future perspective -- A comprehensive review of stem cells for cartilage regeneration in osteoarthritis -- Exploring stem cells and inflammation in tendon repair and regeneration -- Therapeutic potential of mesenchymal stem cell-derived exosomes in the treatment of eye diseases -- Transplantation and alternatives to treat autoimmune diseases -- Therapeutic Applications of Mesenchymal Stem Cells for Systemic Lupus Erythematosus -- Potential use of stem cells in mood disorders -- Cancer Stem Cells in Metastasis Therapy -- Regenerative Medicine Applications of Mesenchymal Stem Cells -- stem cells application in thoracic surgery: current perspective and future directions. .
Sommario/riassunto	Much research has focused on the basic cellular and molecular biological aspects of stem cells. Much of this research has been fueled

by their potential for use in regenerative medicine applications, which has in turn spurred growing numbers of translational and clinical studies. However, more work is needed if the potential is to be realized for improvement of the lives and well-being of patients with numerous diseases and conditions. This online first book series 'Cell Biology and Translational Medicine (CBTMED)' as part of SpringerNature's longstanding and very successful Advances in Experimental Medicine and Biology book series, has the goal to accelerate advances by timely information exchange. Emerging areas of regenerative medicine and translational aspects of stem cells are covered in each volume. Outstanding researchers are recruited to highlight developments and remaining challenges in both the basic research and clinical arenas. This current book is the second volume of a continuing series.