1. Record Nr. UNINA9910900176403321

Autore	Turksen Kursad
Titolo	Cell Biology and Translational Medicine, Volume 22 : Stem Cell Driven Approaches in Regeneration and Repair / / edited by Kursad Turksen
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-75903-6
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (195 pages)
Collana	Cell Biology and Translational Medicine, , 2522-0918 ; ; 1470
Disciplina	571.6
Soggetti	Cytology Stem cells Regenerative medicine Metabolism - Disorders Developmental biology Cancer Cell Biology Stem Cell Biology Regenerative Medicine and Tissue Engineering Metabolic Disease Developmental Biology and Stem Cells Cancer Biology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	From Time to Timer in Wound Healing Through the Regeneration -- Stem Cells and Nanofibers for Skin Regeneration and Wound Healing -- Fatty Acid Metabolism in Peroxisomes and Related Disorders -- Therapeutic Potential of Stem Cells in Natural Killer-Like B Cell-Associated Diseases -- Roles and Regulation of H3K4 Methylation During Mammalian Early Embryogenesis and Embryonic Stem Cell Differentiation -- An Insight into the Role of GLIS1 in Embryonic Development, iPSC Generation, and Cancer -- The Potential Role of Intestinal Stem Cells and Microbiota for the Treatment of Colorectal Cancer -- Application of the Human Amniotic Membrane as an Adjuvant Therapy for the Treatment of Hepatocellular Carcinoma --

	Algae in Biomedicine -- DNA Damage Responses, the Trump Card of Stem Cells in the Survival Game.
Sommario/riassunto	In this next volume in the Cell Biology and Translational Medicine series, we continue to explore the potential utility of stem cells in regenerative medicine. Amongst topics explored in this volume are various aspects of stem cell commitment, differentiation and organogenesis in both health and cancer. Amongst the diverse areas covered are those exploring stems cells in relation to wound healing and their use in treatment of wound healing and different cancers. Other topics include genome editing, regulation of metabolism, immune cells, and algae in medicine. One goal of the series continues to be to highlight timely, often emerging, topics and novel approaches that can accelerate stem cell utility in regenerative medicine.