

1. Record Nr.	UNINA9910908380203321
Autore	Yildirim Sibel
Titolo	Dental Pulp Derived Mesenchymal Stromal Cells // by Sibel Yildirim
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2024
ISBN	9781071642443 9781071642436
Edizione	[2nd ed. 2024.]
Descrizione fisica	1 online resource (207 pages)
Disciplina	571.6 616.02774
Soggetti	Stem cells Cytology Dentistry Biomedical engineering Stem Cell Biology Cell Biology Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Dental Evolution -- Tooth development -- Dental Pulp is a Connective Tissue -- Dental Pulp Stem Cells (DPSC) -- Isolation methods of DPSC -- Characterization of DPSC -- Reprogramming of DPSC to induced pluripotent stem cells (iPSC) -- Immunomodulatory effects of DPSC -- Dental Pulp is a Complex Adaptive System.
Sommario/riassunto	This book presents an evaluation of stem cells from human dental pulp as a reliable stem cell source for cell-based therapy to stimulate tissue regeneration. In this thoroughly updated and expanded second edition, the author covers mesenchymal stem cell (MSC) biology, various sources of MSCs, and the therapeutic potential of MSCs. Tooth regeneration, dental pulp-derived MSC, and the therapeutic potential of dental pulp derived stem cells is also covered. This is an essential resource for students, faculty, and researchers in academia and industry working on dental pulp stem cells.

