

CITATION REPORT

List of articles citing

Therapeutic applications of mesenchymal stromal cells: paracrine effects and potential improvements

DOI: 10.1089/ten.teb.2011.0488

Tissue Engineering - Part B: Reviews, 2012, 18, 101-15.

Source: <https://exaly.com/paper-pdf/53756869/citation-report.pdf>

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
240	Bioassay development. 67-84		
239	Toll-like receptors as modulators of mesenchymal stem cells. <i>Frontiers in Immunology</i> , 2012 , 3, 182	8.4	121
238	Inhibition of TGF- β /Smad signaling by BAMBI blocks differentiation of human mesenchymal stem cells to carcinoma-associated fibroblasts and abolishes their protumor effects. 2012 , 30, 2810-9		97
237	Comparison of endometrial regenerative cells and bone marrow stromal cells. 2012 , 10, 207		49
236	Mesenchymal stem cells as therapeutic agents of inflammatory and autoimmune diseases. 2012 , 23, 978-83		43
235	Peripheral nerve repair with cultured schwann cells: getting closer to the clinics. 2012 , 2012, 413091		41
234	Are therapeutic human mesenchymal stromal cells compatible with human blood?. 2012 , 30, 1565-74		212
233	Human umbilical cord blood-derived mesenchymal stem cell transplantation attenuates severe brain injury by permanent middle cerebral artery occlusion in newborn rats. 2012 , 72, 277-84		91
232	Phenotype, donor age and gender affect function of human bone marrow-derived mesenchymal stromal cells. 2013 , 11, 146		292
231	Expanded allogeneic adipose-derived stem cells (eASCs) for the treatment of complex perianal fistula in Crohn's disease: results from a multicenter phase I/IIa clinical trial. 2013 , 28, 313-23		249
230	Viability of umbilical cord blood mononuclear cell subsets until 96 hours after collection. 2013 , 53, 2034-42		11
229	The key regulatory roles of the PI3K/Akt signaling pathway in the functionalities of mesenchymal stem cells and applications in tissue regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2013 , 19, 516-28	7.9	144
228	Competitive stem cell recruitment by multiple cytotactic cues. 2013 , 13, 1156-64		8
227	Preconditioning strategy in stem cell transplantation therapy. 2013 , 4, 76-88		146
226	Tissue engineering and regenerative medicine: recent innovations and the transition to translation. <i>Tissue Engineering - Part B: Reviews</i> , 2013 , 19, 1-13	7.9	181
225	Preferential therapy for osteoarthritis by cord blood MSCs through regulation of chondrogenic cytokines. 2013 , 34, 4739-48		22
224	Macrophage subpopulations are essential for infarct repair with and without stem cell therapy. 2013 , 62, 1890-901		176

223	Mesenchymal stem cells in regenerative medicine applied to rheumatic diseases: role of secretome and exosomes. 2013 , 95, 2229-34	166
222	Conditioned serum-free medium from umbilical cord mesenchymal stem cells has anti-photoaging properties. 2013 , 35, 1707-14	9
221	Adipose mesenchymal stem cells protect chondrocytes from degeneration associated with osteoarthritis. 2013 , 11, 834-44	112
220	Adipose mesenchymal stromal cell function is not affected by methotrexate and azathioprine. 2013 , 2, 431-9	7
219	Photoactivation of bone marrow mesenchymal stromal cells with diode laser: effects and mechanisms of action. 2013 , 228, 172-81	57
218	Umbilical cord mesenchymal stem cell transplantation ameliorates burn-induced acute kidney injury in rats. 2013 , 12, 205-11	6
217	Comparative analysis of human mesenchymal stem cells from bone marrow, adipose tissue, and umbilical cord blood as sources of cell therapy. 2013 , 14, 17986-8001	414
216	Enhancing the migration ability of mesenchymal stromal cells by targeting the SDF-1/CXCR4 axis. 2013 , 2013, 561098	193
215	Current world literature. 2013 , 18, 111-30	
214	Amnion-derived multipotent progenitor cells support allograft tolerance induction. 2013 , 13, 1416-28	24
213	Boosting angiogenesis and functional vascularization in injectable dextran-hyaluronic acid hydrogels by endothelial-like mesenchymal stromal cells. 2014 , 20, 819-29	13
212	Dental pulp stem cells and regeneration. 2013 , 28, 38-50	32
211	Triple-layered mixed co-culture model of RPE cells with neuroretina for evaluating the neuroprotective effects of adipose-MSCs. 2014 , 358, 705-16	21
210	Clinical Grade Production of Mesenchymal Stromal Cells. 2014 , 427-469	2
209	Endometrial regenerative cells as a novel cell therapy attenuate experimental colitis in mice. 2014 , 12, 344	33
208	Mesenchymal stromal cells reset the scatter factor system and cytokine network in experimental kidney transplantation. 2014 , 15, 44	18
207	Human mesenchymal stem cells produce bioactive neurotrophic factors: source, individual variability and differentiation issues. 2014 , 27, 391-402	22
206	Chitosan feasibility to retain retinal stem cell phenotype and slow proliferation for retinal transplantation. 2014 , 2014, 287896	4

205	Perspectives on tissue-engineered nerve regeneration for the treatment of spinal cord injury. 2014 , 20, 1781-3		3
204	Adipose-derived stromal cells promote allograft tolerance induction. 2014 , 3, 1444-50		26
203	An exploratory clinical trial for idiopathic osteonecrosis of femoral head by cultured autologous multipotent mesenchymal stromal cells augmented with vascularized bone grafts. <i>Tissue Engineering - Part B: Reviews</i> , 2014 , 20, 233-42	7.9	55
202	Current perspectives in mesenchymal stem cell therapies for osteoarthritis. 2014 , 2014, 194318		55
201	Long-Term Quantitative Biodistribution and Side Effects of Human Mesenchymal Stem Cells (hMSCs) Engraftment in NOD/SCID Mice following Irradiation. 2014 , 2014, 939275		9
200	The role of growth factors in maintenance of stemness in bone marrow-derived mesenchymal stem cells. 2014 , 445, 16-22		85
199	Umbilical cord mesenchymal stem cells: the new gold standard for mesenchymal stem cell-based therapies?. <i>Tissue Engineering - Part B: Reviews</i> , 2014 , 20, 523-44	7.9	172
198	Baghdadite ceramics modulate the cross talk between human adipose stem cells and osteoblasts for bone regeneration. 2014 , 20, 992-1002		20
197	Do cryopreserved mesenchymal stromal cells display impaired immunomodulatory and therapeutic properties?. 2014 , 32, 2430-42		213
196	Pre-conditioning mesenchymal stromal cell spheroids for immunomodulatory paracrine factor secretion. 2014 , 16, 331-45		110
195	Polymeric Drug Delivery Systems in Tissue Engineering. 2014 , 227-282		
194	Tryptophan concentration is the main mediator of the capacity of adipose mesenchymal stromal cells to inhibit T-lymphocyte proliferation in vitro. 2014 , 16, 1679-91		17
193	PHBVHHx scaffolds loaded with umbilical cord-derived mesenchymal stem cells or hepatocyte-like cells differentiated from these cells for liver tissue engineering. 2014 , 45, 374-82		26
192	The Instructive Role of the Vasculature in Stem Cell Niches. <i>Biomaterials Science</i> , 2014 , 2, 1562-1573	7.4	21
191	Mesenchymal stem cell therapies in the treatment of musculoskeletal diseases. 2014 , 6, 61-9		46
190	Enhanced oral healing following local mesenchymal stromal cell therapy. 2015 , 51, e97-9		1
189	Engineering more efficient multipotent mesenchymal stromal (stem) cells for systemic delivery as cellular therapy. 2015 , 10, 357-365		18
188	Immunoregulatory Effects of Mesenchymal Stem Cell-Derived Extracellular Vesicles on T Lymphocytes. 2015 , 24, 2615-27		165

187	Trends in Mesenchymal Stem Cells Applications for Skeletal Muscle Repair and Regeneration. 2015		4
186	Ex vivo exposure of bone marrow from chronic kidney disease donor rats to pravastatin limits renal damage in recipient rats with chronic kidney disease. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 63	8.3	6
185	Lack of anti-inflammatory and anti-catabolic effects on basal inflamed osteoarthritic chondrocytes or synoviocytes by adipose stem cell-conditioned medium. 2015 , 23, 2045-57		17
184	Enhanced Homing Ability and Retention of Bone Marrow Stromal Cells to Diabetic Nephropathy by Microbubble-Mediated Diagnostic Ultrasound Irradiation. 2015 , 41, 2977-89		12
183	Mesenchymal Stem Cells and Biomaterials Systems Perspectives for Skeletal Muscle Tissue Repair and Regeneration. 2015 , 110, 90-97		5
182	Differential effects of extracellular vesicles secreted by mesenchymal stem cells from different sources on glioblastoma cells. <i>Expert Opinion on Biological Therapy</i> , 2015 , 15, 495-504	5.4	107
181	T Lymphocyte Prestimulation Impairs in a Time-Dependent Manner the Capacity of Adipose Mesenchymal Stem Cells to Inhibit Proliferation: Role of Interferon γ Poly I:C, and Tryptophan Metabolism in Restoring Adipose Mesenchymal Stem Cell Inhibitory Effect. 2015 , 24, 2158-70		18
180	Mesenchymal stromal cells derived from various tissues: Biological, clinical and cryopreservation aspects. 2015 , 71, 181-97		213
179	Paracrine Factors Secreted by MSCs Promote Astrocyte Survival Associated With GFAP Downregulation After Ischemic Stroke via p38 MAPK and JNK. 2015 , 230, 2461-75		49
178	Elastin-based biomaterials and mesenchymal stem cells. <i>Biomaterials Science</i> , 2015 , 3, 800-9	7.4	31
177	CXCL14 and MCP1 are potent trophic factors associated with cell migration and angiogenesis leading to higher regenerative potential of dental pulp side population cells. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 111	8.3	50
176	Microenvironmental Control of Stem Cell Fate. 2015 , 93-115		
175	Targeting macrophage subsets for infarct repair. 2015 , 20, 36-51		59
174	Morphology, cell viability, karyotype, expression of surface markers and plasticity of three human primary cell line cultures before and after the cryostorage in LN2 and GN2. 2015 , 70, 1-8		5
173	Advancing the cellular and molecular therapy for intervertebral disc disease. 2015 , 84, 159-71		164
172	Similar in vitro effects and pulp regeneration in ectopic tooth transplantation by basic fibroblast growth factor and granulocyte-colony stimulating factor. 2015 , 21, 113-22		41
171	Human mesenchymal stem cells are resistant to cytotoxic and genotoxic effects of cisplatin in vitro. 2016 , 39, 129-34		22
170	Placenta Derived Mesenchymal Stem Cells Hosted on RKKP Glass-Ceramic: A Tissue Engineering Strategy for Bone Regenerative Medicine Applications. 2016 , 2016, 3657906		8

169	Neuromuscular Regeneration: Perspective on the Application of Mesenchymal Stem Cells and Their Secretion Products. 2016 , 2016, 9756973		39
168	The Modulatory Effects of Mesenchymal Stem Cells on Osteoclastogenesis. 2016 , 2016, 1908365		26
167	Comparative study of allogenic and xenogeneic mesenchymal stem cells on cisplatin-induced acute kidney injury in Sprague-Dawley rats. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 126	8.3	30
166	Mesenchymal Stromal Cells Prevent Renal Fibrosis in a Rat Model of Unilateral Ureteral Obstruction by Suppressing the Renin-Angiotensin System via HuR. 2016 , 11, e0148542		22
165	Extracardiac-Lodged Mesenchymal Stromal Cells Propel an Inflammatory Response Against Myocardial Infarction via Paracrine Effects. 2016 , 25, 929-35		15
164	Biological Therapies for Cartilage Lesions in the Hip: A New Horizon. 2016 , 39, e715-23		32
163	Stem Cell Therapies as a Support for Cardiac Regeneration. 2016 , 725-741		
162	Terapias biológicas para el tratamiento de las lesiones del cartílago de la cadera. 2016 , 1, 37-46		
161	Adipose mesenchymal stromal cells minimize and repair radiation-induced oral mucositis. 2016 , 18, 1129-45		17
160	Isolation and characterization of primary bone marrow mesenchymal stromal cells. 2016 , 1370, 109-18		80
159	Mesenchymal Stem/Stromal Cells in Regenerative Medicine: Can Preconditioning Strategies Improve Therapeutic Efficacy?. 2016 , 43, 256-267		75
158	Cryopreserved or Fresh Mesenchymal Stromal Cells: Only a Matter of Taste or Key to Unleash the Full Clinical Potential of MSC Therapy?. 2016 , 951, 77-98		81
157	Intra-articular injection of two different doses of autologous bone marrow mesenchymal stem cells versus hyaluronic acid in the treatment of knee osteoarthritis: multicenter randomized controlled clinical trial (phase I/II). 2016 , 14, 246		177
156	MiR-221 and miR-26b Regulate Chemotactic Migration of MSCs Toward HGF Through Activation of Akt and FAK. 2016 , 117, 1370-83		26
155	Immunoregulatory effects on T lymphocytes by human mesenchymal stromal cells isolated from bone marrow, amniotic fluid, and placenta. 2016 , 44, 138-150.e1		49
154	Characterization of bone marrow-derived mesenchymal stem cells from dimethyloxallyl glycine-preconditioned mice: Evaluation of the feasibility of dimethyloxallyl glycine as a mobilization agent. 2016 , 13, 3498-506		7
153	Effects of Freeze-Thawing and Intravenous Infusion on Mesenchymal Stromal Cell Gene Expression. 2016 , 25, 586-97		51
152	Human stem cell decorated nanocellulose threads for biomedical applications. 2016 , 82, 208-20		113

151	Regulation of the secretion of immunoregulatory factors of mesenchymal stem cells (MSCs) by collagen-based scaffolds during chondrogenesis. 2017 , 70, 983-991	32
150	Timing of mesenchymal stem cell delivery impacts the fate and therapeutic potential in intervertebral disc repair. 2017 , 35, 32-40	17
149	A Simplified and Systematic Method to Isolate, Culture, and Characterize Multiple Types of Human Dental Stem Cells from a Single Tooth. 2017 , 1553, 191-207	17
148	Intravenous administration of expanded allogeneic adipose-derived mesenchymal stem cells in refractory rheumatoid arthritis (Cx611): results of a multicentre, dose escalation, randomised, single-blind, placebo-controlled phase Ib/IIa clinical trial. 2017 , 76, 196-202	137
147	The Influence of Timing and Frequency of Adipose-Derived Mesenchymal Stem Cell Therapy on Immunomodulation Outcomes After Vascularized Composite Allotransplantation. 2017 , 101, e1-e11	33
146	Induced Cell Turnover: A Novel Therapeutic Modality for In Situ Tissue Regeneration. 2017 , 28, 703-716	1
145	Synthetic matrix of polyether-polyurethane as a biological platform for pancreatic regeneration. 2017 , 176, 67-74	24
144	Biodegradable poly-ε-caprolactone microcarriers for efficient production of human mesenchymal stromal cells and secreted cytokines in batch and fed-batch bioreactors. 2017 , 19, 419-432	43
143	Enhanced regeneration potential of mobilized dental pulp stem cells from immature teeth. 2017 , 23, 620-628	16
142	In vivo immunological properties research on mesenchymal stem cells based engineering cartilage by a dialyzer pocket model. 2017 , 28, 150	3
141	Substrate Microarchitecture Shapes the Paracrine Crosstalk of Stem Cells with Endothelial Cells and Osteoblasts. 2017 , 7, 15182	7
140	Perfusion of isolated rat kidney with Mesenchymal Stromal Cells/Extracellular Vesicles prevents ischaemic injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 3381-3393	5.6 58
139	A reproducible method for the isolation and expansion of ovine mesenchymal stromal cells from bone marrow for use in regenerative medicine preclinical studies. 2017 , 11, 3408-3416	16
138	Concise Review: Mesenchymal Stem Cell Therapy for Pediatric Disease: Perspectives on Success and Potential Improvements. 2017 , 6, 539-565	29
137	Stem Cell-Based Therapies for Osteoarthritis: From Pre-Clinical to Clinical Applications. 2017 ,	
136	Challenges and Strategies for Improving the Regenerative Effects of Mesenchymal Stromal Cell-Based Therapies. 2017 , 18,	103
135	Diverging Concepts and Novel Perspectives in Regenerative Medicine. 2017 , 18,	15
134	Mesenchymal Stromal Cells for Acute Renal Injury. 2017 , 1085-1095	

133	Anti-aging Properties of Conditioned Media of Epidermal Progenitor Cells Derived from Mesenchymal Stem Cells. 2018 , 8, 229-244		9
132	Efficient ultrafiltration-based protocol to deplete extracellular vesicles from fetal bovine serum. 2018 , 7, 1422674		72
131	Endoscopic submucosal injection of adipose-derived mesenchymal stem cells ameliorates TNBS-induced colitis in rats and prevents stenosis. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 95	8.3	10
130	Fetal Mesenchymal Stromal Cells: an Opportunity for Prenatal Cellular Therapy. <i>Current Stem Cell Reports</i> , 2018 , 4, 61-68	1.8	25
129	Clinical translation of a mesenchymal stromal cell-based therapy developed in a large animal model and two case studies of the treatment of atrophic pseudoarthrosis. 2018 , 12, e532-e540		8
128	Strategies to enhance paracrine potency of transplanted mesenchymal stem cells in intractable neonatal disorders. 2018 , 83, 214-222		57
127	Low-oxygen conditions promote synergistic increases in chondrogenesis during co-culture of human osteoarthritic stem cells and chondrocytes. 2018 , 12, 1074-1084		6
126	Avaliaõ sensitiva, motora e cistomõtrica de cões com lesõ medular crõnica, submetidos ao transplante de cõulas-tronco mesenquimais derivadas de tecido adiposo. 2018 , 38, 1955-1965		0
125	Magnetic ion channel activation of TREK1 in human mesenchymal stem cells using nanoparticles promotes osteogenesis in surrounding cells. 2018 , 9, 2041731418808695		15
124	Pro inflammatory stimuli enhance the immunosuppressive functions of adipose mesenchymal stem cells-derived exosomes. 2018 , 8, 13325		113
123	The cytokine secretion profile of mesenchymal stromal cells is determined by surface structure of the microenvironment. 2018 , 8, 7716		75
122	An experimental study of menopause induced by bilateral ovariectomy and mechanistic effects of mesenchymal stromal cell therapy on the parotid gland of a rat model. 2018 , 220, 9-20		5
121	Fibroblasts as a practical alternative to mesenchymal stem cells. 2018 , 16, 212		50
120	Effect of Different Preconditioning Regimens on the Expression Profile of Murine Adipose-Derived Stromal/Stem Cells. 2018 , 19,		7
119	Microenvironmental cues enhance mesenchymal stem cell-mediated immunomodulation and regulatory T-cell expansion. 2018 , 13, e0193178		39
118	Motivational efficacy of lasers on marrow haemopoetic cells. 2019 , 1279, 012075		1
117	The biological response of mesenchymal stromal cells to thymol and carvacrol in comparison to their essential oil: An innovative new study. 2019 , 134, 110844		2
116	Therapeutic Potential of Plasma Proteins Derived from Umbilical Cord Blood for Acute Liver Failure. 2019 , 16, 1092-1104		3

115	Thrombin Preconditioning Enhances Therapeutic Efficacy of Human Wharton's Jelly-Derived Mesenchymal Stem Cells in Severe Neonatal Hypoxic Ischemic Encephalopathy. 2019 , 20,		14
114	Regenerative Capacity of Adipose Derived Stem Cells (ADSCs), Comparison with Mesenchymal Stem Cells (MSCs). 2019 , 20,		141
113	Nrf2/Keap1/ARE Signaling Mediated an Antioxidative Protection of Human Placental Mesenchymal Stem Cells of Fetal Origin in Alveolar Epithelial Cells. 2019 , 2019, 2654910		25
112	Fetal stem cell transplantation and gene therapy. 2019 , 58, 142-153		8
111	The mesenchymal stem cell secretome: A new paradigm towards cell-free therapeutic mode in regenerative medicine. 2019 , 46, 1-9		119
110	Quantitation of progenitor cell populations and growth factors after bone marrow aspirate concentration. 2019 , 17, 115		29
109	Decitabine improves platelet recovery by down-regulating IL-8 level in MDS/AML patients with thrombocytopenia. 2019 , 76, 66-71		16
108	Exploring the roles of MSCs in infections: focus on bacterial diseases. 2019 , 97, 437-450		29
107	Extracellular vesicles from human umbilical cord mesenchymal stem cells improve nerve regeneration after sciatic nerve transection in rats. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 2822-2835	5.6	43
106	Multi-Parameter Analysis of Biobanked Human Bone Marrow Stromal Cells Shows Little Influence for Donor Age and Mild Comorbidities on Phenotypic and Functional Properties. <i>Frontiers in Immunology</i> , 2019 , 10, 2474	8.4	33
105	Mesenchymal Stem/ Stromal Cells metabolomic and bioactive factors profiles: A comparative analysis on the umbilical cord and dental pulp derived Stem/ Stromal Cells secretome. 2019 , 14, e0221378		16
104	Allogeneic Versus Autologous Injectable Mesenchymal Stem Cells for Knee Osteoarthritis: Review and Current Status. 2019 , 34, 244-256		8
103	Improved Adipocyte Viability in Autologous Fat Grafting With Ascorbic Acid-Supplemented Tumescence Solution. 2019 , 83, 464-467		3
102	Exosomes Are Comparable to Source Adipose Stem Cells in Fat Graft Retention with Up-Regulating Early Inflammation and Angiogenesis. 2019 , 144, 816e-827e		30
101	Preconditioning strategies for improving the survival rate and paracrine ability of mesenchymal stem cells in acute kidney injury. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 720-730	5.6	30
100	Intratracheal administration of clinical-grade mesenchymal stem cell-derived extracellular vesicles reduces lung injury in a rat model of bronchopulmonary dysplasia. 2019 , 316, L6-L19		60
99	Implantation of mesenchymal stem cells in combination with allogeneic cartilage improves cartilage regeneration and clinical outcomes in patients with concomitant high tibial osteotomy. 2020 , 28, 544-554		16
98	Therapeutic mesenchymal stromal stem cells: Isolation, characterization and role in equine regenerative medicine and metabolic disorders. 2020 , 16, 301-322		12

97	Mesenchymal stem cells alleviate palmitic acid-induced endothelial-to-mesenchymal transition by suppressing endoplasmic reticulum stress. 2020 , 319, E961-E980		4
96	Transplanted Antler Stem Cells Stimulated Regenerative Healing of Radiation-induced Cutaneous Wounds in Rats. 2020 , 29, 963689720951549		7
95	Mesenchymal stromal cells for osteonecrosis. 2020 , 18, 399		5
94	Novel Approaches in Addressing Ovarian Insufficiency in 2019: Are We There Yet?. 2020 , 29, 9636897209261547		
93	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Opportunities and Challenges for Clinical Translation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 997	5.8	30
92	The application of bone marrow mesenchymal stem cells and biomaterials in skeletal muscle regeneration. 2020 , 15, 285-294		8
91	Human Adipose Tissue-Derived Stromal Cells Suppress Human, but Not Murine Lymphocyte Proliferation, via Indoleamine 2,3-Dioxygenase Activity. 2020 , 9,		5
90	Present and Future of Bronchopulmonary Dysplasia. 2020 , 9,		28
89	CD73 extracellular vesicles inhibit angiogenesis through adenosine A receptor signalling. 2020 , 9, 1757900		15
88	Pre-conditioning of Equine Bone Marrow-Derived Mesenchymal Stromal Cells Increases Their Immunomodulatory Capacity. 2020 , 7, 318		5
87	Cross talk between mesenchymal and glioblastoma stem cells: Communication beyond controversies. 2020 , 9, 1310-1330		13
86	Comparative Analysis of the Different DyesSPotential to Assess Human Normal and Cancer Cell Viability under Different / Ratios in a Culture Medium. 2020 , 2020, 2373021		4
85	Stem cells in the treatment of bronchopulmonary dysplasia. 2020 , 111-126		
84	Combined Transplantation With Human Mesenchymal Stem Cells Improves Retinal Rescue Effect of Human Fetal RPE Cells in Retinal Degeneration Mouse Model. 2020 , 61, 9		5
83	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. 2020 , 325, 135-140		19
82	TNF- α and INF- γ -primed canine stem cell-derived extracellular vesicles alleviate experimental murine colitis. 2020 , 10, 2115		18
81	Therapeutic Mesenchymal Stromal Cells for Immunotherapy and for Gene and Drug Delivery. 2020 , 16, 204-224		29
80	Orthobiologics for the Hip Region: A Narrative Review. 2020 , 12, 1045-1054		4

79	Surface Tethering of Inflammation-Modulatory Nanostimulators to Stem Cells for Ischemic Muscle Repair. 2020 , 14, 5298-5313		8
78	Effect of the deuterium on efficiency and type of adipogenic differentiation of human adipose-derived stem cells in vitro. 2020 , 10, 5217		4
77	Mesenchymal stem cell-derived small extracellular vesicles and bone regeneration. 2021 , 128, 18-36		14
76	Human umbilical cord blood serum attenuates gentamicin-induced liver toxicity by restoring peripheral oxidative damage and inflammation in rats. 2021 , 128, 268-274		3
75	Mesenchymal stem cell therapy for intractable neonatal disorders. 2021 , 62 Suppl 1, S16-S21		2
74	A streamlined proliferation assay using mixed lymphocytes for evaluation of human mesenchymal stem cell immunomodulation activity. 2021 , 488, 112915		3
73	Current hip cartilage regeneration/repair modalities: a scoping review of biologics and surgery. 2021 , 45, 319-333		7
72	Early Regenerative Intervention for Post-Traumatic Osteoarthritis (ERIPTO). 2021 , 65-72		
71	Extracellular Vesicles from Thapsigargin-Treated Mesenchymal Stem Cells Ameliorated Experimental Colitis via Enhanced Immunomodulatory Properties. <i>Biomedicines</i> , 2021 , 9,	4.8	3
70	Extracellular Vesicles from Mesenchymal Stromal Cells for the Treatment of Inflammation-Related Conditions. 2021 , 22,		11
69	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Regulate the Mitochondrial Metabolism Transfer of miRNAs. <i>Frontiers in Immunology</i> , 2021 , 12, 623973	8.4	4
68	Extracellular Vesicles Secreted by Mesenchymal Stromal Cells Exert Opposite Effects to Their Cells of Origin in Murine Sodium Dextran Sulfate-Induced Colitis. <i>Frontiers in Immunology</i> , 2021 , 12, 627605	8.4	5
67	Conditioned medium from induced pluripotent stem cell-derived mesenchymal stem cells accelerates cutaneous wound healing through enhanced angiogenesis. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 295	8.3	4
66	Treatment with human umbilical cord blood serum in a gentamicin-induced nephrotoxicity model in rats. 2021 , 1-7		1
65	Stem cell therapies and benefaction of somatic cell nuclear transfer cloning in COVID-19 era. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 283	8.3	7
64	Effect of mesenchymal stem cells versus aloe vera on healing of deep second-degree burn. 2021 , 8, 12		2
63	Overview on the Antioxidants, Egg Yolk Alternatives, and Mesenchymal Stem Cells and Derivatives Used in Canine Sperm Cryopreservation. 2021 , 11,		0
62	The Potential Role of Extracellular Vesicles in COVID-19 Treatment: Opportunity and Challenge. 2021 , 8, 699929		8

- 61 Role of adipose mesenchymal stem cells and secretome in peripheral nerve regeneration. **2021**, 67, 102482 4
- 60 Immunosuppressive Potential of Activated Human Amniotic Cells in an Experimental Murine Model of Skin Allo- and Xenotransplantation. **2021**, 8, 715590
- 59 Adipose-Derived Stem Cells in the Treatment of Perianal Fistulas in Crohn's Disease: Rationale, Clinical Results and Perspectives. **2021**, 22, 2
- 58 Tissue Engineering of the Intervertebral Disc. **2014**, 417-433 3
- 57 MSCs conditioned media and umbilical cord blood plasma metabolomics and composition. **2014**, 9, e113769 48
- 56 Optimal Route for Mesenchymal Stem Cells Transplantation after Severe Intraventricular Hemorrhage in Newborn Rats. **2015**, 10, e0132919 43
- 55 A short-term plastic adherence incubation of the stromal vascular fraction leads to a predictable GMP-compliant cell-product. **2019**, 9, 161-172 2
- 54 Maintenance of Proliferation and Adipogenic Differentiation by Fibroblast Growth Factor-2 and Dexamethasone Through Expression of Hepatocyte Growth Factor in Bone Marrow-derived Mesenchymal Stem Cells. **2016**, 22, 1-8 3
- 53 Potential advantages of acute kidney injury management by mesenchymal stem cells. **2014**, 6, 644-50 40
- 52 Mesenchymal stem cells as a therapeutic tool to treat sepsis. **2015**, 7, 368-79 65
- 51 Mesenchymal Stem Cell Therapy for Intractable Neonatal Disorders. **2021**, 32, 105
- 50 BDNF-Overexpressing Engineered Mesenchymal Stem Cells Enhances Their Therapeutic Efficacy against Severe Neonatal Hypoxic Ischemic Brain Injury. **2021**, 22, 3
- 49 Experimental In Vivo Approaches of Pulp Regeneration. **2014**, 203-218
- 48 COMPARATIVE STUDY OF HIV-POSITIVE HUMAN SERA WITH THIRD- AND FOURTH-GENERATION ENZYME IMMUNOASSAY TEST SYSTEMS. **2018**, 11, 70-75
- 47 ISOLATION OF MULTIPOTENT MESENCHYMAL STROMAL CELLS FROM MINIMAL HUMAN ENDOMETRIUM BIOPSY. **2018**, 11, 76-81 1
- 46 Extracellular Vesicles Derived from Mesenchymal Stem/Stromal Cells: Current Approaches to Enhance Their Release and Therapeutic Potential. **2019**, 101-111
- 45 Regenerative Therapies for Chronic Intradiscal Pain. **2019**, 737-747
- 44 EXPRESSION OF ESTROGEN AND PROGESTERONE RECEPTORS BY HUMAN ENDOMETRIAL MULTIPOTENT MESENCHYMAL STROMAL/STEM CELLS in vitro UNDER HYPOXIA CONDITIONS. **2019**, 12, 81-85

43	Mesenchymal Stem/ Stromal Cells metabolomic and bioactive factors profiles: a comparative analysis on the Umbilical Cord and Dental Pulp derived Stem/ Stromal Cells secretome.		0
42	Expression of Cytokine Genes in Leishmania major-Infected BALB/c Mice Treated with Mesenchymal Stem Cells. 2020 , 8, 7-13		0
41	Insight into adipokines to optimize therapeutic effects of stem cell for tissue regeneration. 2020 , 128, 155003		
40	Preconditioning of Hypoxic Culture Increases The Therapeutic Potential of Adipose Derived Mesenchymal Stem Cells. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021 , 9, 505-515	1	
39	Mesenchymal stem cell and regenerative medicine: regeneration versus immunomodulatory challenges. <i>American Journal of Stem Cells</i> , 2013 , 2, 22-38	2.4	69
38	Therapeutic uses of post-partum tissue-derived mesenchymal stromal cell secretome. <i>Indian Journal of Medical Research</i> , 2020 , 152, 541-552	2.9	
37	Human dental pulp stem cells attenuate streptozotocin-induced parotid gland injury in rats. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 577	8.3	0
36	Human Retinal Progenitor Cells Derived Small Extracellular Vesicles Delay Retinal Degeneration: A Paradigm for Cell-free Therapy.. <i>Frontiers in Pharmacology</i> , 2021 , 12, 748956	5.6	0
35	Banking of AT-MSC and its Influence on Their Application to Clinical Procedures.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 773123	5.8	0
34	Adipose tissue-derived mesenchymal stem cells reduce endometriosis cellular proliferation through their anti-inflammatory effects. <i>Clinical and Experimental Reproductive Medicine</i> , 2021 , 48, 322-336	2.2	0
33	Therapeutic uses of post-partum tissue-derived mesenchymal stromal cell secretome. <i>Indian Journal of Medical Research</i> , 2020 , 152, 541	2.9	1
32	Secretome improves testosterone and androgen-binding protein production in testicular dysfunction rats induced by cisplatin.. <i>Journal of Advanced Veterinary and Animal Research</i> , 2021 , 8, 687-694	1.7	
31	MSCs in Space: Mesenchymal Stromal Cell Therapeutics as Enabling Technology for Long-Distance Manned Space Travel. <i>Current Stem Cell Reports</i> , 2022 , 8, 1	1.8	2
30	Mesenchymal Stromal Cells for Enhancing Hematopoietic Engraftment and Treatment of Graft-Versus-Host Disease, Hemorrhages and Acute Respiratory Distress Syndrome.. <i>Frontiers in Immunology</i> , 2022 , 13, 839844	8.4	2
29	Cell-Free Extracts from Human Fat Tissue with a Hyaluronan-Based Hydrogel Attenuate Inflammation in a Spinal Cord Injury Model through M2 Microglia/Microphage Polarization.. <i>Small</i> , 2022 , e2107838	11	4
28	Intra-Articular Injections of Autologous Adipose Tissue or Platelet-Rich Plasma Comparably Improve Clinical and Functional Outcomes in Patients with Knee Osteoarthritis.. <i>Biomedicines</i> , 2022 , 10,	4.8	1
27	Different levels of EGF, VEGF, IL-6, MCP-1, MCP-3, IP-10, Eotaxin and MIP-1β in the adipose-derived stem cell secretome in androgenetic alopecia.. <i>Experimental Dermatology</i> , 2022 ,	4	1
26	High Variability of Mesenchymal Stem Cells Obtained via Bone Marrow Aspirate Concentrate Compared With Traditional Bone Marrow Aspiration Technique.. <i>Orthopaedic Journal of Sports Medicine</i> , 2021 , 9, 23259671211058459	3.5	0

25	Mechanism of action of mesenchymal stem cells (MSCs): Impact of Delivery Method. <i>Expert Opinion on Biological Therapy</i> , 2021 ,	5.4	0
24	Image_1.tif. 2019 ,		
23	Image_2.tif. 2019 ,		
22	Image_3.tif. 2019 ,		
21	Image_4.tif. 2019 ,		
20	Administration of mesenchymal stem cells in diabetic kidney disease: mechanisms, signaling pathways, and preclinical evidence.. <i>Molecular and Cellular Biochemistry</i> , 2022 , 1	4.2	0
19	Impact of Cryopreservation and Freeze-Thawing on Therapeutic Properties of Mesenchymal Stromal/Stem Cells and Other Common Cellular Therapeutics.. <i>Current Stem Cell Reports</i> , 2022 , 8, 72-92	1.8	2
18	Editorial: Mesenchymal Stromal Cell Therapy for Regenerative Medicine. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16,	6.1	1
17	Well-orchestrated physico-chemical and biological factors for enhanced secretion of osteogenic and angiogenic extracellular vesicles by mesenchymal stem cells in a 3D culture format. <i>Biomaterials Science</i> ,	7.4	0
16	Specific features of ex-obese patients significantly influence the functional cell properties of adipose-derived stromal cells. <i>Journal of Cellular and Molecular Medicine</i> ,	5.6	1
15	Dynamic Culture of Mesenchymal Stromal/Stem Cell Spheroids and Secretion of Paracrine Factors. 10,		0
14	CD73-Adenosinergic Axis Mediates the Protective Effect of Extracellular Vesicles Derived from Mesenchymal Stromal Cells on Ischemic Renal Damage in a Rat Model of Donation after Circulatory Death. 2022 , 23, 10681		2
13	Mesenchymal Stem/Stromal Cells as a Therapeutic Tool in Cell-Based Therapy and Regenerative Medicine: An Introduction Expertise to the Topical Collection. 2022 , 11, 3158		0
12	Potential of Mesenchymal Stem Cell-Based Therapies for Pulmonary Fibrosis.		0
11	Mesenchymal stem cells for subchondral bone marrow lesions: From bench to bedside. 2022 , 17, 101630		0
10	Immunomodulatory Properties of Mouse Mesenchymal Stromal/Stem Cells Upon Ectopic Expression of Immunoregulator Nanos2.		0
9	Micro-Topographies Induce Epigenetic Reprogramming and Quiescence in Human Mesenchymal Stem Cells. 2203880		1
8	Antigen-Specific T Cells and SARS-CoV-2 Infection: Current Approaches and Future Possibilities. 2022 , 23, 15122		0

- 7 Mesenchymal Stromal/Stem Cell (MSC)-Based Vector Biomaterials for Clinical Tissue Engineering and Inflammation Research: A Narrative Mini Review. Volume 16, 257-267 ○
- 6 Mesenchymal stromal cells for bone trauma, defects, and disease: Considerations for manufacturing, clinical translation, and effective treatments. **2023**, 18, 101656 ○
- 5 Priming with caffeic acid enhances the potential and survival ability of human adipose-derived stem cells to counteract hypoxia. **2023**, 22, 115-127 ○
- 4 Stem cells for neonatal brain injury □Lessons from the bench. **2023**, 151726 ○
- 3 Efficacy of mesenchymal stem cell therapy in rodent models of radiation-induced xerostomia and oral mucositis: a systematic review. **2023**, 14, ○
- 2 Bovine Fibroblast-Derived Extracellular Matrix Promotes the Growth and Preserves the Stemness of Bovine Stromal Cells during In Vitro Expansion. **2023**, 14, 218 ○
- 1 Editorial: Next generation MSC therapy manufacturing, potency and mechanism of action analysis. 14, ○