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Marrow-derived mesenchymal stem cells-directed bone regeneration in the dog mandible: a comparison between biphasic calcium phosphate and natural bone miner

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#	Paper	IF	Citations
98	The therapeutic applications of multipotential mesenchymal/stromal stem cells in skeletal tissue repair. *Journal of Cellular Physiology*, **2009**, 218, 237-45	7	253
97	The challenge of establishing preclinical models for segmental bone defect research. *Biomaterials*, **2009**, 30, 2149-63	15.6	284
96	Study of the structure of canine mesenchymal stem cell osteogenic culture. *Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia*, **2010**, 39, 446-55	1.1	7
95	Cranial bone defects: current and future strategies. *Neurosurgical Focus*, **2010**, 29, E8	4.2	138
94	Effect of Tisseel on bone healing with particulate dentin and plaster of Paris mixture. *Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics*, **2010**, 109, e34-40		12
93	Comparative histomorphometric analysis between Btcp cement and Btcp/Ha granules in the bone repair of rat calvaria. *Materials Research*, **2011**, 14, 11-16	1.5	20
92	Combination of guided osteogenesis with autologous platelet-rich fibrin glue and mesenchymal stem cell for mandibular reconstruction. *Journal of Trauma*, **2011**, 70, 228-37		37
91	Biocompatibility and Osteogenic Capacity of Periodontal Ligament Stem Cells on nHAC/PLA and HA/TCP Scaffolds. *Journal of Biomaterials Science, Polymer Edition*, **2011**, 22, 179-94	3.5	35
90	Human intraoral harvested mesenchymal stem cells: characterization, multilineage differentiation analysis, and 3-dimensional migration of natural bone mineral and tricalcium phosphate scaffolds. *Journal of Oral and Maxillofacial Surgery*, **2012**, 70, 2309-15	1.8	7
89	Osteogenic proliferation and differentiation of canine bone marrow and adipose tissue derived mesenchymal stromal cells and the influence of hypoxia. *Research in Veterinary Science*, **2012**, 92, 66-75	2.5	54
88	Bone tissue engineering: current strategies and techniques--part I: Scaffolds. *Tissue Engineering - Part B: Reviews*, **2012**, 18, 246-57	7.9	111
87	Repair of alveolar cleft defect with mesenchymal stem cells and platelet derived growth factors: a preliminary report. *Journal of Cranio-Maxillo-Facial Surgery*, **2012**, 40, 2-7	3.6	116
86	Tissue Engineering. **2012**, 79-91		2
85	Treatment of long bone defects and non-unions: from research to clinical practice. *Cell and Tissue Research*, **2012**, 347, 501-19	4.2	56
84	The effects of Btricalcium phosphate 3D scaffold in-situ cryopreservation on the migration rate and osteogenic ability of mesenchymal stem cells. *Biotechnology and Bioprocess Engineering*, **2012**, 17, 195-202	3.1	3
83	Stem cell-based tissue engineering in veterinary orthopaedics. *Cell and Tissue Research*, **2012**, 347, 677-688	4.2	21
82	Biphasic, triphasic and multiphasic calcium orthophosphates. *Acta Biomaterialia*, **2012**, 8, 963-77	10.8	259

81	Current trends in mesenchymal stem cell application in bone augmentation: a review of the literature. *Journal of Oral and Maxillofacial Surgery*, **2012**, 70, 972-82	1.8	66
80	A comparison of tissue-engineered bone from adipose-derived stem cell with autogenous bone repair in maxillary alveolar cleft model in dogs. *International Journal of Oral and Maxillofacial Surgery*, **2013**, 42, 562-8	2.9	47
79	Bone regeneration with a combination of nanocrystalline hydroxyapatite silica gel, platelet-rich growth factor, and mesenchymal stem cells: a histologic study in rabbit calvaria. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*, **2013**, 115, e7-15	2	43
78	Bone regeneration from mesenchymal stem cells (MSCs) and compact bone-derived MSCs as an animal model. *Japanese Dental Science Review*, **2013**, 49, 35-44	6.8	7
77	Evaluation of canine bone marrow-derived mesenchymal stem cells after long-term cryopreservation. *Zoological Science*, **2013**, 30, 1032-7	0.8	10
76	Establishment of the chronic bone defect model in experimental model mandible and evaluation of the efficacy of the mesenchymal stem cells in enhancing bone regeneration. *Tissue Engineering and Regenerative Medicine*, **2013**, 10, 18-24	4.5	10
75	Osteogenic and angiogenic potentials of monocultured and co-cultured human-bone-marrow-derived mesenchymal stem cells and human-umbilical-vein endothelial cells on three-dimensional porous beta-tricalcium phosphate scaffold. *Acta Biomaterialia*, **2013**, 9, 4906-15	10.8	114
74	Mesenchymal stem cells combined with barrier domes enhance vertical bone formation. *Journal of Clinical Periodontology*, **2013**, 40, 196-202	7.7	16
73	A novel cyclic RGD-containing peptide polymer improves serum-free adhesion of adipose tissue-derived mesenchymal stem cells to bone implant surfaces. *Journal of Materials Science: Materials in Medicine*, **2013**, 24, 479-88	4.5	11
72	MSC Studies in Large-Animal Models. **2013**, 237-258		
71	The effect of PCL-TCP scaffold loaded with mesenchymal stem cells on vertical bone augmentation in dog mandible: a preliminary report. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2013**, 101, 848-54	3.5	53
70	Vertical bone augmentation with simultaneous implant placement using particulate mineralized bone and mesenchymal stem cells: a preliminary study in rabbit. *Journal of Oral Implantology*, **2013**, 39, 3-13	1.2	28
69	A comparison of bovine bone and hydroxyapatite scaffolds during initial bone regeneration: an in vitro evaluation. *Implant Dentistry*, **2013**, 22, 613-22	2.4	11
68	Histomorphometric analysis of bone formation in bony defects around implants in adult dogs: a comparison of grafts of low and high heat-treated autogenous tooth ash. *Implant Dentistry*, **2013**, 22, 639-44	2.4	4
67	Different Culture Media Affect Proliferation, Surface Epitope Expression, and Differentiation of Ovine MSC. *Stem Cells International*, **2013**, 2013, 387324	5	29
66	Reconstruction of human mandibular continuity defects with allogenic scaffold and autologous marrow mesenchymal stem cells. *Journal of Craniofacial Surgery*, **2013**, 24, 1292-7	1.2	23
65	The osteoregenerative effects of platelet-derived growth factor BB cotransplanted with mesenchymal stem cells, loaded on freeze-dried mineral bone block: a pilot study in dog mandible. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2014**, 102, 1771-8	3.5	20
64	Effect of nano-hydroxyapatite coating on the osteoinductivity of porous biphasic calcium phosphate ceramics. *BMC Musculoskeletal Disorders*, **2014**, 15, 114	2.8	50

63	Is bone transplantation the gold standard for repair of alveolar bone defects?. *Journal of Tissue Engineering*, **2014**, 5, 2041731413519352	7.5	17
62	Ultrastructural evaluation of mesenchymal stem cells from inflamed periodontium in different in vitro conditions. *Microscopy Research and Technique*, **2015**, 78, 792-800	2.8	1
61	Polymeric vs hydroxyapatite-based scaffolds on dental pulp stem cell proliferation and differentiation. *World Journal of Stem Cells*, **2015**, 7, 1215-21	5.6	22
60	Smart scaffolds in bone tissue engineering: A systematic review of literature. *World Journal of Stem Cells*, **2015**, 7, 657-68	5.6	93
59	Calcium phosphate scaffolds combined with bone morphogenetic proteins or mesenchymal stem cells in bone tissue engineering. *Chinese Medical Journal*, **2015**, 128, 1121-7	2.9	28
58	Recent advances in bone regeneration using adult stem cells. *World Journal of Stem Cells*, **2015**, 7, 630-40	5.6	30
57	Genetic evaluation of bone marrow-derived mesenchymal stem cells by a modified karyotyping method. *Comparative Clinical Pathology*, **2015**, 24, 1361-1366	0.9	4
56	Regenerative medicine in the treatment of alveolar cleft defect: A systematic review of the literature. *Journal of Cranio-Maxillo-Facial Surgery*, **2015**, 43, 1608-13	3.6	31
55	Use of bone morphogenetic proteins in mesenchymal stem cell stimulation of cartilage and bone repair. *World Journal of Stem Cells*, **2016**, 8, 1-12	5.6	86
54	Histomorphometric Analysis of Contaminated Autogenous Tooth Graft Materials After Various Sterilization. *Implant Dentistry*, **2016**, 25, 83-9	2.4	2
53	Cortical Bone Augmentation Versus Nerve Lateralization for Treatment of Atrophic Posterior Mandible: A Retrospective Study and Review of Literature. *Clinical Implant Dentistry and Related Research*, **2016**, 18, 342-59	3.9	21
52	Mesenchymal Stem Cells: An Optimistic Cell Source in Tissue Engineering for Bone Regeneration. *Stem Cells in Clinical Applications*, **2016**, 205-243	0.3	1
51	The effect of different implant biomaterials on the behavior of canine bone marrow stromal cells during their differentiation into osteoblasts. *Biotechnic and Histochemistry*, **2016**, 91, 412-22	1.8	13
50	Biphasic, Triphasic, and Multiphasic Calcium Orthophosphates. **2016**, 33-95		7
49	Vertical Alveolar Ridge Augmentation with Autogenous Block Grafts in Implant Dentistry. **2016**, 245-272		0
48	Functional synergy of anti-mir221 and nanohydroxyapatite scaffold in bone tissue engineering of rat skull. *Journal of Materials Science: Materials in Medicine*, **2016**, 27, 132	4.5	14
47	Multiphasic calcium orthophosphate (CaPO4) bioceramics and their biomedical applications. *Ceramics International*, **2016**, 42, 6529-6554	5.1	91
46	Application of buccal fat pad-derived stem cells in combination with autogenous iliac bone graft in the treatment of maxillomandibular atrophy: a preliminary human study. *International Journal of Oral and Maxillofacial Surgery*, **2016**, 45, 864-71	2.9	25

45	Periimplant bone regeneration in hydroxyapatite block grafts with mesenchymal stem cells and bone morphogenetic protein-2. *Tissue Engineering and Regenerative Medicine*, **2016**, 13, 437-445	4.5	2
44	Simple additive manufacturing of an osteoconductive ceramic using suspension melt extrusion. *Dental Materials*, **2017**, 33, 198-208	5.7	23
43	Application of selected scaffolds for bone tissue engineering: a systematic review. *Oral and Maxillofacial Surgery*, **2017**, 21, 109-129	1.6	50
42	Biodegradable PCL/fibroin/hydroxyapatite porous scaffolds prepared by supercritical foaming for bone regeneration. *International Journal of Pharmaceutics*, **2017**, 527, 115-125	6.5	25
41	Alveolar cleft repair using autogenous bone marrow-derived mesenchymal stem cells. *Egyptian Journal of Oral & Maxillofacial Surgery*, **2017**, 8, 46-51	0	1
40	Alveolar bone tissue engineering in critical-size defects of experimental animal models: a systematic review and meta-analysis. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 2935-2949	4.4	27
39	The Robust Potential of Mesenchymal Stem Cell-Loaded Constructs for Hard Tissue Regeneration After Cancer Removal. *Advances in Experimental Medicine and Biology*, **2019**, 1084, 17-43	3.6	1
38	The role of nanomedicine, nanotechnology, and nanostructures on oral bone healing, modeling, and remodeling. **2017**, 777-832		3
37	Effect of Bone Regeneration with Mineralized Plasmatic Matrix for Implant Placement in Aesthetic Zone. *Case Reports in Dentistry*, **2017**, 2017, 2639564	0.6	4
36	Lateral Ramus Cortical Bone Plate in Alveolar Cleft Osteoplasty with Concomitant Use of Buccal Fat Pad Derived Cells and Autogenous Bone: Phase I Clinical Trial. *BioMed Research International*, **2017**, 2017, 6560234	3	24
35	Periodontal and peri-implant hard tissue regeneration. **2017**, 405-428		3
34	Hydoxyapatite/beta-tricalcium phosphate biphasic ceramics as regenerative material for the repair of complex bone defects. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2018**, 106, 2493-2512	3.5	71
33	In vitro evaluation of the biological compatibility and antibacterial activity of a bone substitute material consisting of silver-doped hydroxyapatite and Bio-Oss. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2018**, 106, 410-420	3.5	3
32	Combining autologous bone marrow mononuclear cells seeded on collagen sponge with Nano Hydroxyapatite, and platelet-rich fibrin: Reporting a novel strategy for alveolar cleft bone regeneration. *Journal of Cranio-Maxillo-Facial Surgery*, **2018**, 46, 1593-1600	3.6	28
31	Healing of Bone Defects in Pig's Femur Using Mesenchymal Cells Originated from the Sinus Membrane with Different Scaffolds. *Stem Cells International*, **2019**, 2019, 4185942	5	3
30	Comparison of Bone Regeneration between Porcine-Derived and Bovine-Derived Xenografts in Rat Calvarial Defects: A Non-Inferiority Study. *Materials*, **2019**, 12,	3.5	9
29	Improved bone regeneration through amniotic membrane loaded with buccal fat pad-derived MSCs as an adjuvant in maxillomandibular reconstruction. *Journal of Cranio-Maxillo-Facial Surgery*, **2019**, 47, 1266-1273	3.6	10
28	A cancellous bone matrix system with specific mineralisation degrees for mesenchymal stem cell differentiation and bone regeneration. *Biomaterials Science*, **2019**, 7, 2452-2467	7.4	8

27	Exosomes from conditioned media of bone marrow-derived mesenchymal stem cells promote bone regeneration by enhancing angiogenesis. *PLoS ONE*, **2019**, 14, e0225472	3.7	73
26	Evaluation of the Osteogenic Potential of Different Scaffolds Embedded with Human Stem Cells Originated from Schneiderian Membrane: An Study. *BioMed Research International*, **2019**, 2019, 2868673	3	11
25	Is Impregnation of Xenograft with Caffeine Effective on Bone Healing Rate in Mandibular Defects? A Pilot Histological Animal Study. *Journal of Maxillofacial and Oral Surgery*, **2020**, 19, 85-92	0.9	1
24	Implantable electrical stimulation bioreactor with liquid crystal polymer-based electrodes for enhanced bone regeneration at mandibular large defects in rabbit. *Medical and Biological Engineering and Computing*, **2020**, 58, 383-399	3.1	9
23	Suturable elastomeric tubular grafts with patterned porosity for rapid vascularization of 3D constructs. *Biofabrication*, **2021**,	10.5	4
22	Repair of Critical Size Bone Defects Using Synthetic Hydroxyapatite or Xenograft with or without the Bone Marrow Mononuclear Fraction: A Histomorphometric and Immunohistochemical Study in Rat Calvaria. *Materials*, **2021**, 14,	3.5	1
21	Mesangiogenic Progenitor Cells Are Tissue Specific and Cannot Be Isolated From Adipose Tissue or Umbilical Cord Blood. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 669381	5.7	1
20	Potential Use of Dental Stem Cells for Craniofacial Tissue Regeneration. *Pancreatic Islet Biology*, **2013**, 105-124	0.4	2
19	Isolation and Culture of Mesenchymal Stem Cells From Rabbit Scapular Subcutaneous Adipose Tissue and Their Ability to Differentiate Into Osteoblasts. *Dental Journal of Hamadan University of Medical Sciences*, **2015**, 7, 8-8	0.1	3
18	Bone formation with two types of grafting materials: a histologic and histomorphometric study. *Open Dentistry Journal*, **2011**, 5, 96-104	0.8	35
17	The effect of platelet-rich plasma on human mesenchymal stem cell-induced bone regeneration of canine alveolar defects with calcium phosphate-based scaffolds. *Iranian Journal of Basic Medical Sciences*, **2017**, 20, 1131-1140	1.8	8
16	Success rate of implants placed in autogenous bone blocks versus allogenic bone blocks: A systematic literature review. *Annals of Maxillofacial Surgery*, **2016**, 6, 78-90	1	39
15	Isolation and characterization of mesenchymal stem cells in orthopaedics and the emergence of compact bone mesenchymal stem cells as a promising surgical adjunct. *World Journal of Stem Cells*, **2020**, 12, 1341-1353	5.6	2
14	Application of mesenchymal stem cells in bone regenerative procedures in oral implantology. A literature review. *Journal of Clinical and Experimental Dentistry*, **2014**, 6, e60-5	1.4	8
13	The effect of nano-scale topography on osteogenic differentiation of mesenchymal stem cells. *Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia*, **2014**, 158, 5-16	1.7	20
12	AISLAMIENTO, CARACTERIZACIÓN Y POTENCIAL DE DIFERENCIACIÓN DE CÉLULAS MADRE MESENQUIMALES CANINAS, DERIVADAS DE TEJIDO ADIPOSO. *Revista De La Facultad De Medicina Veterinaria Y De Zootecnia*, **2014**, 61, 115-133	0.5	
11	Implantable electrical stimulation bioreactor with liquid crystal polymer based electrodes for enhanced bone regeneration at mandibular large defects in rabbit.		
10	Animal Models in Dental Research. **2020**, 377-442		

9	Adipose derived stem cells for treatment of mandibular bone defects: An autologous study in dogs. *Dental Research Journal*, **2011**, 8, S51-7	0.8	10
8	Effects of BIO on proliferation and chondrogenic differentiation of mouse marrow-derived mesenchymal stem cells. *Veterinary Research Forum*, **2013**, 4, 69-76	0.5	2
7	Effects of Human Adipose-derived Stem Cells and Platelet-Rich Plasma on Healing Response of Canine Alveolar Surgical Bone Defects. *Archives of Bone and Joint Surgery*, **2017**, 5, 406-418	1.1	8
6	Toward stronger robocast calcium phosphate scaffolds for bone tissue engineering: A mini-review and meta-analysis.. *Materials Science and Engineering C*, **2021**, 112578	8.3	4
5	Bone Using Stem Cells for Maxillofacial Bone Disorders: A Systematic Review and Meta-analysis.. *Advances in Experimental Medicine and Biology*, **2022**, 1	3.6	
4	Bone Tissue Engineering Strategies for Alveolar Cleft: Review of Preclinical Results and Guidelines for Future Studies. *Cleft Palate-Craniofacial Journal*, 105566562211049	1.9	
3	Mesenchymal Stem Cells Therapeutic Applications in Bone Regeneration. **2022**, 59-99		0
2	Autogenous Block Bone Graft for Horizontal Ridge Augmentation in Implant Dentistry. **2022**, 195-207		0
1	Evaluation of the regenerative capacity of stem cells combined with bone graft material and collagen matrix using a rabbit calvarial defect model. 53,		0