

Selected - Relevant Scientific Publications

Publications are in reverse chronological order

2010 Publications

Stem/progenitor Cell-Mediated De Novo Regeneration of Dental Pulp with Newly Deposited Continuous Layer of Dentin in an In Vivo Model.

Huang G, Yamaza T, Shea LD, Djouad F, Kuhn NZ, Tuan R, Shi S.

Tissue Eng Part A. 2010 Feb;16(2):605-15. PMID: 19737072

http://www.ncbi.nlm.nih.gov/pubmed/19737072?ordinalpos=4&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Corneal reconstruction with tissue-engineered cell sheets composed of human immature dental pulp stem cells.

Gomes JA, Geraldes Monteiro B, Melo GB, Smith RL, Cavenaghi Pereira da Silva M, Lizier NF, Kerkis A, Cerruti H, Kerkis I.

Invest Ophthalmol Vis Sci. 2010 Mar;51(3):1408-14. Epub 2009 Nov 5. PMID: 19892864

<http://www.ncbi.nlm.nih.gov/pubmed/19892864>

Addition of Mesenchymal Stem Cells to the Scaffold of Platelet-Rich Plasma Is Beneficial for the Reduction of the Consolidation Period in Mandibular Distraction Osteogenesis.

Hwang YJ, Choi JY.

J Oral Maxillofac Surg. 2010 Mar 10. PMID: 20223574

<http://www.ncbi.nlm.nih.gov/pubmed/20223574>

Deciduous and permanent dental pulp mesenchymal cells acquire hepatic morphologic and functional features in vitro.

Ishkitiev N, Yaegaki K, Calenic B, Nakahara T, Ishikawa H, Mitiev V, Haapasalo M.

J Endod. 2010 Mar;36(3):469-74. PMID: 20171365

<http://www.ncbi.nlm.nih.gov/pubmed/20171365>

Identification of a Common Gene Expression Signature Associated with Immature Clonal Mesenchymal Cell Populations derived from Bone Marrow and Dental Tissues.

Menicanin D, Bartold PM, Zannettino AC, Gronthos S.

Stem Cells Dev. 2010 Feb 3. PMID: 20128661

<http://www.ncbi.nlm.nih.gov/pubmed/20128661>

[Osteogenic capacity of human deciduous dental pulp stem cells in vitro.]

Shen YY, Chen K, Xu N.

Nan Fang Yi Ke Da Xue Xue Bao. 2010 Jan;30(1):96-9. Chinese. PMID: 20117994

<http://www.ncbi.nlm.nih.gov/pubmed/20117994>

Effect of cryopreservation on biological and immunological properties of stem cells from apical papilla.

Ding G, Wang W, Liu Y, An Y, Zhang C, Shi S, Wang S.

J Cell Physiol. 2010 May;223(2):415-22. PMID: 20082304

<http://www.ncbi.nlm.nih.gov/pubmed/20082304>

Dental Stem Cell Therapy with Calcium Hydroxide in Dental Pulp Capping.

Ji YM, Jeon SH, Park JY, Chung JH, Choung YH, Choung PH.

Tissue Eng Part A. 2010 Feb 17. PMID: 20055661

<http://www.ncbi.nlm.nih.gov/pubmed/20055661>

2009 Publications

Human mandible bone defect repair by the grafting of dental pulp stem/progenitor cells and collagen sponge biocomplexes.

d'Aquino R, De Rosa A, Lanza V, Tirino V, Laino L, Graziano A, Desiderio V, Laino G, Papaccio G.

Eur Cell Mater. 2009 Nov 12;18:75-83. PMID: 19908196

<http://www.ncbi.nlm.nih.gov/pubmed/19908196?dopt=Abstract>

Human dental pulp stem cells with highly angiogenic and neurogenic potential for possible use in pulp regeneration.

Nakashima M, Iohara K, Sugiyama M.

Cytokine Growth Factor Rev. 2009 Oct-Dec;20(5-6):435-40. Epub 2009 Nov 6. PMID: 19896887

http://www.ncbi.nlm.nih.gov/pubmed/19896887?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=1

Implanted Adult Human Dental Pulp Stem Cells Induce Endogenous Axon Guidance.

Arthur A, Shi S, Zannettino AC, Fujii N, Gronthos S, Koblar SA.

Stem Cells. 2009 Sep;27(9):2229-37. PMID: 19544412

http://www.ncbi.nlm.nih.gov/pubmed/19544412?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Mesenchymal stem cells derived from dental tissues vs. those from other sources: their biology and role in regenerative medicine.

Huang GT, Gronthos S, Shi S.

J Dent Res. 2009 Sep;88(9):792-806. PMID: 19767575

http://www.ncbi.nlm.nih.gov/pubmed/19767575?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Simultaneous PKC and cAMP activation induces differentiation of human dental pulp stem cells into functionally active neurons.

Király M, Porcsalmy B, Pataki A, Kádár K, Jelitai M, Molnár B, Hermann P, Gera I, Grimm WD, Ganss B, Zsembery A, Varga G.

Neurochem Int. 2009 Sep;55(5):323-32. Epub 2009 Apr 5. PMID: 19576521

http://www.ncbi.nlm.nih.gov/pubmed/19576521?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pu

Human dental pulp stem cells: from biology to clinical applications.

d'Aquino R, De Rosa A, Laino G, Caruso F, Guida L, Rullo R, Checchi V, Laino L, Tirino V, Papaccio G.

J Exp Zool B Mol Dev Evol. 2009 Jul 15;312B(5):408-15. PMID: 19065566

http://www.ncbi.nlm.nih.gov/pubmed/19065566?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Evaluation of pluripotency in human dental pulp cells.

Koyama N, Okubo Y, Nakao K, Bessho K.

J Oral Maxillofac Surg. 2009 Mar;67(3):501-6. PMID: 19231772

http://www.ncbi.nlm.nih.gov/pubmed/19231772?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Stem cells from deciduous tooth repair mandibular defect in swine.

Zheng Y, Liu Y, Zhang CM, Zhang HY, Li WH, Shi S, Le AD, Wang SL.

J Dent Res. 2009 Mar;88(3):249-54. PMID: 19329459

http://www.ncbi.nlm.nih.gov/pubmed/19329459?ordinalpos=13&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Potential role of dental stem cells in the cellular therapy of cerebral ischemia.

Yalvac ME, Rizvanov AA, Kilic E, Sahin F, Mukhamedyarov MA, Islamov RR, Palotás A. J Dent Res. Curr Pharm Des. 2009;15(33):3908-16. PMID: 19938343

http://www.ncbi.nlm.nih.gov/pubmed/19938343?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=5

Isolation of Distinct Progenitor Stem Cell Populations from Dental Pulp.

Waddington RJ, Youde SJ, Lee CP, Sloan AJ.

Cells Tissues Organs. 2009;189(1-4):268-74. Epub 2008 Aug 14. PMID: 18701814

http://www.ncbi.nlm.nih.gov/pubmed/18701814?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

2008 Publications

Human dental pulp stem cells differentiate into neural crest-derived melanocytes and have label-retaining and sphere-forming abilities.

Stevens A, Zuliani T, Olejnik C, LeRoy H, Obriot H, Kerr-Conte J, Formstecher P, Bailliez Y, Polakowska RR.

Stem Cells Dev. 2008 Dec;17(6):1175-84. PMID: 18393638

http://www.ncbi.nlm.nih.gov/pubmed/18393638?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Dental pulp tissue engineering with stem cells from exfoliated deciduous teeth.

Cordeiro MM, Dong Z, Kaneko T, Zhang Z, Miyazawa M, Shi S, Smith AJ, Nör JE.
J Endod. 2008 Aug;34(8):962-9. PMID: 18634928

[http://www.ncbi.nlm.nih.gov/pubmed/18634928?ordinalpos=&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Resu
ltsPanel.SmartSearch&log\\$=citationsensor](http://www.ncbi.nlm.nih.gov/pubmed/18634928?ordinalpos=&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Resu
ltsPanel.SmartSearch&log$=citationsensor)

Putative Dental Pulp Derived Stem/Stromal Cells Promote Proliferation and Differentiation of Endogenous Neural Cells in the Hippocampus of Mice.

Huang AH, Snyder BR, Cheng PH, Chan AW.
Stem Cells. 2008 Aug 7. PMID: 18687995

[http://www.ncbi.nlm.nih.gov/pubmed/18687995?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pub
med_RVDocSum&ordinalpos=20](http://www.ncbi.nlm.nih.gov/pubmed/18687995?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pub
med_RVDocSum&ordinalpos=20)

Dental pulp tissue engineering with stem cells from exfoliated deciduous teeth.

Cordeiro MM, Dong Z, Kaneko T, Zhang Z, Miyazawa M, Shi S, Smith AJ, Nör JE.
J Endod. 2008 Aug;34(8):962-9. PMID: 18634928

[http://www.ncbi.nlm.nih.gov/pubmed/18634928?ordinalpos=9&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
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ultsPanel.Pubmed_RVDocSum)

Adult human dental pulp stem cells differentiate toward functionally active neurons under appropriate environmental cues.

Arthur A, Rychkov G, Shi S, Koblar SA, Gronthos S.
Stem Cells. 2008 Jul;26(7):1787-95. PMID: 18499892

[http://www.ncbi.nlm.nih.gov/pubmed/18499892?ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/18499892?ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_RVDocSum)

Self-Assembling Peptide Amphiphile Nanofibers as a Scaffold for Dental Stem Cells.

Galler KM, Cavender A, Yuwono V, Dong H, Shi S, Schmalz G, Hartgerink JD, D'Souza RN.
Tissue Eng Part A. 2008 Jul 17. PMID: 18636949

[http://www.ncbi.nlm.nih.gov/pubmed/18636949?ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/18636949?ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_RVDocSum)

SHED repair critical-size calvarial defects in mice.

Seo BM, Sonoyama W, Yamaza T, Coppe C, Kikui T, Akiyama K, Lee JS, Shi S.
Oral Dis. 2008 Jul;14(5):428-34. PMID: 18938268

[http://www.ncbi.nlm.nih.gov/pubmed/18938268?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/18938268?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

Characterization of dental pulp stem cells of human tooth germs.

Takeda T, Tezuka Y, Horiuchi M, Hosono K, Iida K, Hatakeyama D, Miyaki S, Kunisada T, Shibata T, Tezuka K.
J Dent Res. 2008 Jul;87(7):676-81. PMID: 18573990

[http://www.ncbi.nlm.nih.gov/pubmed/18573990?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum](http://www.ncbi.nlm.nih.gov/pubmed/18573990?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_Res
ultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

Stem cells and periodontal regeneration.

Lin NH, Gronthos S, Bartold PM.

Aust Dent J. 2008 Jun;53(2):108-21. PMID: 18494965

http://www.ncbi.nlm.nih.gov/pubmed/18494965?ordinalpos=6&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Somatic stem cells for regenerative dentistry.

Morsczeck C, Schmalz G, Reichert TE, Völlner F, Galler K, Driemel O.

Clin Oral Investig. 2008 Jun;12(2):113-8. Epub 2008 Jan 3. PMID: 18172700

http://www.ncbi.nlm.nih.gov/pubmed/18172700?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum

Collection, cryopreservation, and characterization of human dental pulp-derived mesenchymal stem cells for banking and clinical use.

Perry BC, Zhou D, Wu X, Yang FC, Byers MA, Chu TM, Hockema JJ, Woods EJ, Goebel WS.

Tissue Eng Part C Methods. 2008 Jun;14(2):149-56. PMID: 18489245

http://www.ncbi.nlm.nih.gov/pubmed/18489245?ordinalpos=22&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Human dental pulp stem cells improve left ventricular function, induce angiogenesis, and reduce infarct size in rats with acute myocardial infarction.

Gandia C, Armiñan A, García-Verdugo JM, Lledó E, Ruiz A, Miñana MD, Sanchez-Torrijos J, Payá R, Mirabet V, Carbonell-Uberos F, Llop M, Montero JA, Sepúlveda P.

Stem Cells. 2008 Mar;26(3):638-45. Epub 2007 Dec 13. PMID: 18079433

http://www.ncbi.nlm.nih.gov/pubmed/18079433?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Human dental pulp stem cells differentiate into neural crest- derived melanocytes and have label-retaining and sphere-forming abilities.

Stevens A, Zuliani T, Olejnik C, Leroy H, Obriot H, Kerr-Conte J, Formstecher P, Bailliez Y, Polakowska RR.

Stem Cells Dev. 2008 Mar 25. PMID: 18393638

http://www.ncbi.nlm.nih.gov/pubmed/18393638?ordinalpos=28&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

In vivo evaluation of human dental pulp stem cells differentiated towards multiple lineages.

Zhang W, Walboomers XF, Van Kuppevelt TH, Daamen WF, Van Damme PA, Bian Z, Jansen JA.

J Tissue Eng Regen Med. 2008 Mar-Apr;2(2-3):117-25. PMID: 18338838

http://www.ncbi.nlm.nih.gov/pubmed/18338838?ordinalpos=31&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Reconstruction of large cranial defects in nonimmunosuppressed experimental design with human dental pulp stem cells.

de Mendonça Costa A, Bueno DF, Martins MT, Kerkis I, Kerkis A, Fanganiello RD, Cerruti H, Alonso N, Passos-Bueno MR.

J Craniofac Surg. 2008 Jan;19(1):204-10. PMID: 18216690

http://www.ncbi.nlm.nih.gov/pubmed/18216690?ordinalpos=45&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Dental pulp stem cells: a promising tool for bone regeneration.

d'Aquino R, Papaccio G, Laino G, Graziano A.

Stem Cell Rev. 2008 Spring;4(1):21-6. PMID: 18300003

http://www.ncbi.nlm.nih.gov/pubmed/18300003?ordinalpos=36&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

2007 Publications

Mesenchymal progenitor cells in adult human dental pulp and their ability to form bone when transplanted into immunocompromised mice.

Otaki S, Ueshima S, Shiraishi K, Sugiyama K, Hamada S, Yorimoto M, Matsuo O.

Cell Biol Int. 2007 Oct;31(10):1191-7. Epub 2007 Apr 14.

PMID: 17524678

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17524678&ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Human postnatal dental pulp cells co-differentiate into osteoblasts and endotheliocytes: a pivotal synergy leading to adult bone tissue formation.

d'Aquino R, Graziano A, Sampaolesi M, Laino G, Pirozzi G, De Rosa A, Papaccio G.

Cell Death Differ. 2007 Jun;14(6):1162-71. Epub 2007 Mar 9. PMID: 17347663

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17347663&ordinalpos=19&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Concave pit-containing scaffold surfaces improve stem cell-derived osteoblast performance and lead to significant bone tissue formation.

Graziano A, d'Aquino R, Cusella-De Angelis MG, Laino G, Piattelli A, Pacifici M, De Rosa A, Papaccio G.

PLoS ONE. 2007 Jun 6;2:e496. PMID: 17551577

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17551577&ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Transplantation of mesenchymal stem cells is an optimal approach for plastic surgery.

Fang D, Seo BM, Liu Y, Sonoyama W, Yamaza T, Zhang C, Wang S, Shi S.

Stem Cells. 2007 Apr;25(4):1021-8. Epub 2006 Dec 14. PMID: 17170063

http://www.ncbi.nlm.nih.gov/pubmed/17170063?ordinalpos=30&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

In vitro stem cell cultures from human dental pulp and periodontal ligament: new prospects in dentistry.

Ballini A, De Frenza G, Cantore S, Papa F, Grano M, Mastrangelo F, Tete S, Grassi FR.

Int J Immunopathol Pharmacol. 2007 Jan-Mar;20(1):9-16. Review. PMID: 17346423

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17346423&ordinalpos=20&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Multilineage potential of STRO-1+ rat dental pulp cells in vitro.

Yang X, Zhang W, van den Dolder J, Walboomers XF, Bian Z, Fan M, Jansen JA.

J Tissue Eng Regen Med. 2007 Mar-Apr;1(2):128-35. PMID: 18038401

http://www.ncbi.nlm.nih.gov/pubmed/18038401?ordinalpos=52&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Human dental pulp stem cells--isolation and long term cultivation.

Suchánek J, Soukup T, Ivancaková R, Karbanová J, Hubková V, Pytlík R, Kucerová L.

Acta Medica (Hradec Kralove). 2007;50(3):195-201. PMID: 18254273
http://www.ncbi.nlm.nih.gov/pubmed/18254273?ordinalpos=42&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

2006 Publications

Mesenchymal stem cell-mediated functional tooth regeneration in Swine.

Sonoyama W, Liu Y, Fang D, Yamaza T, Seo BM, Zhang C, Liu H, Gronthos S, Wang CY, Shi S, Wang S. PLoS ONE. 2006 Dec 20;1:e79. PMID: 17183711
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17183711&query hl=1&itool=pubmed_docsum

Transplantation of Mesenchymal Stem Cells is an Optimal Approach for Plastic Surgery.

Fang D, Seo BM, Liu Y, Sonoyama W, Yamaza T, Zhang C, Wang S, Shi S. Stem Cells. 2006 Dec 14. PMID: 17170063
http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17170063&query hl=1&itool=pubmed_docsum

The performance of human dental pulp stem cells on different three-dimensional scaffold materials.

Zhang W, Frank Walboomers X, van Kuppevelt TH, Daamen WF, Bian Z, Jansen JA. Biomaterials. 2006 Nov;27(33):5658-68. Epub 2006 Aug 17. PMID: 16916542
http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=16916542&ordinalpos=37&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Differentiation of dental pulp stem cells into regular-shaped dentin-pulp complex induced by tooth germ cell conditioned medium.

Yu J, Deng Z, Shi J, Zhai H, Nie X, Zhuang H, Li Y, Jin Y. Tissue Eng. 2006 Nov;12(11):3097-105. PMID: 17518625
http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17518625&ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Craniofacial tissue engineering by stem cells.

Mao JJ, Giannobile WV, Helms JA, Hollister SJ, Krebsbach PH, Longaker MT, Shi S. J Dent Res. 2006 Nov;85(11):966-79. Review. PMID: 17062735
http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17062735&ordinalpos=29&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Multilineage differentiation potential of stem cells derived from human dental pulp after cryopreservation.

Zhang W, Walboomers XF, Shi S, Fan M, Jansen JA. Tissue Eng. 2006 Oct;12(10):2813-23. PMID: 17518650
http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17518650&ordinalpos=6&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Long-term cryopreservation of dental pulp stem cells (SBP-DPSCs) and their differentiated osteoblasts: a cell source for tissue repair.

Papaccio G, Graziano A, d'Aquino R, Graziano MF, Pirozzi G, Menditti D, De Rosa A, Carinci F, Laino G. J Cell Physiol. 2006 Aug;208(2):319-25. PMID: 16622855

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=16622855&ordinalpos=49&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

Cluster analysis and gene expression profiles: a cDNA microarray system-based comparison between human dental pulp stem cells (hDPSCs) and human mesenchymal stem cells (hMSCs) for tissue engineering cell therapy.

Yamada Y, Fujimoto A, Ito A, Yoshimi R, Ueda M.

Biomaterials. 2006 Jul;27(20):3766-81. Epub 2006 Mar 24. PMID: 16563496

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=16563496&ordinalpos=50&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

In vitro bone production using stem cells derived from human dental pulp.

Laino G, Carinci F, Graziano A, d'Aquino R, Lanza V, De Rosa A, Gombos F, Caruso F, Guida L, Rullo R, Menditti D, Papaccio G.

J Craniofac Surg. 2006 May;17(3):511-5. PMID: 16770190

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=16770190&ordinalpos=46&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

An approachable human adult stem cell source for hard-tissue engineering.

Laino G, Graziano A, d'Aquino R, Pirozzi G, Lanza V, Valiante S, De Rosa A, Naro F, Vivarelli E, Papaccio G.

J Cell Physiol. 2006 Mar;206(3):693-701. PMID: 16222704

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16222704&query_hl=6&itool=pubmed_docsum

Dental pulp stem cells.

Liu H, Gronthos S, Shi S.

Methods Enzymol. 2006;419:99-113. PMID: 17141053

http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17141053&ordinalpos=26&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum

2005 Publications

A new population of human adult dental pulp stem cells: a useful source of living autologous fibrous bone tissue (LAB).

Laino G, d'Aquino R, Graziano A, Lanza V, Carinci F, Naro F, Pirozzi G, Papaccio G.

J Bone Miner Res. 2005 Aug;20(8):1394-402. Epub 2005 Mar 28. PMID: 16007337

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=16007337&query_hl=29

The efficacy of mesenchymal stem cells to regenerate and repair dental structures.

Shi S, Bartold PM, Miura M, Seo BM, Robey PG, Gronthos S.

Orthod Craniofac Res. 2005 Aug;8(3):191-9. PMID: 16022721

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=16022721&query_hl=4

Making a tooth: growth factors, transcription factors, and stem cells.

Zhang YD, Chen Z, Song YQ, Liu C, Chen YP.

Cell Res. 2005 May;15(5):301-16. PMID: 15916718

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15916718&query_hl=12

Identification and isolation of human dental pulp stem cells.

Zhonghua Kou Qiang Yi Xue Za Zhi.

2005 May;40(3):244-7. Chinese. PMID: 15938892

http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=pubmed&dopt=Abstract&list_uids=15938892&query_hl=33

Differentiation ability of rat postnatal dental pulp cells in vitro.

Zhang W, Walboomers XF, Wolke JG, Bian Z, Fan MW, Jansen JA.

Tissue Eng. 2005 Mar-Apr;11(3-4):357-68. PMID: 15869416

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