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Ultrastructural and immunobiological responses of human periodontal ligament stem cells to novel tricalcium silicate sealers [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2026; 42 (2): 331-341
Effects of various micro-osteoperforation approaches on canine and aligner displacements, and the stress in the periodontal ligament: A finite element analysis	J Orthod 2025; 52 (4): 337-347
Alveolar bone formation via subperiosteal storage of an endodontically treated incisor for periodontal ligament preservation before autotransplantation: A case report [Accessible from the Wiley link on this page]	Dent Traumatol 2025; 41 (6): 755-762
Investigating the effects of selective serotonin reuptake inhibitors on osteogenesis of periodontal stem cells: an in vitro study	Int Dent J 2025; 75 (6): 103906
Influence of circadian rhythm on effects induced by mechanical strain in periodontal ligament cells	J Orofac Orthop 2025; 86 (6): 435-444
Integrative multi-omics and causal inference reveal periodontal ligament cell-macrophage crosstalk under orthodontic force	Prog Orthod 2025; 26: 40
Evaluation of the combined effects of photobiomodulation therapy and periodontal ligament stem cell-derived exosomes on the proliferation and migration of human gingival fibroblasts: An in vitro study [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2025; 162: 106053
Fibroblast growth factor 2 stimulates differentiation of mechanically-stressed human periodontal ligament fibroblasts into cementoblasts [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Am J Orthod Dentofac Orthop 2025; 168 (4): 477-488
Role of SIRT6 in chronic periodontitis and osteogenic differentiation of periodontal ligament stem cells	Int Dent J 2025; 75 (5): 100926
Advanced glycation end products induce inflammaging in periodontal ligament fibroblasts through RAGE/AKT/mTOR/glycolysis pathway	Acta Odontol Scand 2025; 84: 479-490
Cytotoxicity of surface pre-reacted glass-ionomer filler containing composite resin in human periodontal ligament cells	Dent Mater J 2025; 44 (4): 456-462
Mechanistic insights into periodontal ligament stem cell-derived exosomes in tissue regeneration [Review]	Clin Oral Investig 2025; 29 (7): 357
Biomechanical force-primed periodontal ligament stem cells exhibit a tolerance effect against bacterial inflammation [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	J Dent 2025; 159: 105820
Regenerative potential of PDL-derived small extracellular vesicles	J Periodontal Res 2025; 60 (4): 392-394



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Dental pulp stem cells (DPSCs), stem cells from human exfoliated deciduous teeth (SHEDSCs), and periodontal ligament stem cells (PDLSCs) isolation, characterization and the effectiveness of allantoin as bioactive molecule for dental regeneration	J Dent 2025; 154: 105604
Effect of mechanical force stress on the inflammatory response in human periodontal ligament cells [Review]	Int Dent J 2025; 75 (1): 117-126
Osteogenic induction activity of magnesium chloride on human periodontal ligament stem cells	Int Dent J 2025; 75 (2): 1431-1440
Assessment of the effects of citric acid and EDTA on cell viability of cultured human periodontal ligament cells attached to simulated avulsed permanent tooth using a spectrofluorometer-An in vitro study [Accessible from the Wiley link on this page]	Dent Traumatol 2025; 41 (1): 75-81
Modified Hank's balanced salt solution as a storage medium for avulsed teeth: In vitro assessment of periodontal fibroblast viability [Accessible from the Wiley link on this page]	Dent Traumatol 2025; 41 (2): 194-202
Effects of stress on biological characteristics and metabolism of periodontal ligament stem cells of deciduous teeth	Int Dent J 2025; 75 (2): 908-920
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MicroRNA expression in JAG1/Notch-activated periodontal ligament stem cells	BDJ Open 2024; 10(1): 45
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Orthodontically induced changes to the genetic profile in periodontal ligament tissue and cytokine release in gingival crevicular fluid - A pilot investigation	J Dent Sci 2024; 19(1): 387-396
A novel digital workflow for fabricating artificial periodontal ligament using three-dimensional printing flexible resin: A dental technique	Saudi Dent J 2024; 36(1): 123-128
Er:YAG laser suppresses pro-inflammatory cytokines expression and inflammasome in human periodontal ligament fibroblasts with Porphyromonas gingivalis-lipopolysaccharide stimulation	J Dent Sci 2024; 19(2): 1135-1142
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Effects of pain associated with orthodontic tooth movement on tactile sensation of periodontal ligaments	Clin Oral Investig 2023; 28(1): 36
Roles of extracellular adenosine triphosphate on the functions of periodontal ligament cells	BDJ Open 2023; 9 (1): 28
Association between clinical manifestations of occlusal trauma and magnetic resonance imaging findings of periodontal ligament space (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dento-Maxillofac-Radiol 2023; 52(8): 20230176
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Cytotoxicity of 3D printed resin materials for temporary restorations on human periodontal ligament (PDL-hTERT) cells [free to members on Science Direct. If you do not have a login email library@bda.org to request one]	Dent Mater 2023; 39 (5): 529-537
A new orthodontic force simulation system with a simulated periodontal ligament to measure the delivered force at the root apex [can be accessed on DOSS free by logging in on this page]	J Orthod 2023; 50(4): 378-384
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Response of periodontal ligament stem cells to lipopolysaccharide and calcium silicate-based materials	Braz Dent J 2022; 33 (2): 73-82
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Nonuniformity in periodontal ligament: Mechanics and matrix composition [can be accessed on DOSS free by logging in on this page]	J Dent Res 2021; 100(2): 179-186
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Periodontal ligament and alveolar bone in health and adaptation: tooth movement	Front Oral Biol 2016; (18): 1-8
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The effect of a single nucleotide polymorphism in the matrix metalloproteinase-1 (mmp-1) promoter on force-induced mmp-1 expression in human periodontal ligament cells [Accessible from the Wiley link on this page]	Eur J Oral Sci 2008 116 (4) 319-323
Attachment and proliferation of human periodontal ligament fibroblasts on bioactive modified ceramics [can be accessed on DOSS free by logging in on this page]	J Oral Rehab 2007 34 (1) 57-67
Identification of genes related to mechanical stress in human periodontal ligament cells using microarray analysis [Accessible	J Periodont Res 2007 42 (1) 15-22



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Behaviour of human periodontal ligament cells on CO ₂ laser irradiated dentinal root surfaces: an <i>in vitro</i> study [Accessible from the Wiley link on this page]	J Periodont Res 2004 39 (6) 373-79
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Numerical analysis of tooth mobility: formulation of a non-linear constitutive law for the periodontal ligament (request using https://www.smartsurvey.co.uk/s/PJHMV/)	Dental Materials 2004 <u>20</u> 623-9
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A new method for evaluating the threshold of periodontal ligament mechanoreceptor by slow speed mechanical stimulation [Accessible from the Wiley link on this page]	J Periodont Res 2003 <u>38</u> 482-87
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