

UFCD Faculty Refereed Publications from July 1, 2012 through June 30, 2013

- Aguirre JI, Akhter MP, Kimmel DB, Pingel J, Xia X, Williams A, Jorgensen M, Edmonds K, Lee JY, Reinhard MK, Battles AH, Kesavalu L, Wronski TJ. (2012). Enhanced alveolar bone loss in a model of non-invasive periodontitis in rice rats. *Oral Dis*, 18(5), 459-68. PMID: 22233442
- Adewumi AO, Horton C, Guelmann M, Dixon-Wood V, McGorray SP. (2012). Parental perception vs. professional assessment of speech changes following premature loss of maxillary primary incisors. *Pediatr Dent*, 34(4), 295-9. PMID: 23014086
- Van Hemert JR, Recker EN, Dietrich D, Progulske-Fox A, Kurago ZB, Walters KS, Cavanaugh JE, Brogden KA. (2012). Human  $\beta$ -defensin-3 alters, but does not inhibit, the binding of Porphyromonas gingivalis haemagglutinin B to the surface of human dendritic cells. *Int J Antimicrob Agents*, 40(1), 75-9. PMID: 22578747
- Palmer SR, Crowley PJ, Oli MW, Ruelf MA, Michalek SM, Brady LJ. (2012). YidC1 and YicC2 are functionally distinct proteins involved in protein secretion, biofilm formation and cariogenicity of Streptococcus mutans. *Microbiology*, 158(Pt 7), 1702-12. PMID: 22504439
- Satoh M, Chan EK, Ho LA, Rose KM, Parks CG, Cohn RD, Jusko TA, Walker NJ, Germolec DR, Whitt IZ, Crockett PW, Pauley BA, Chan JY, Ross SJ, Birnbaum LS, Zeldin DC, Miller FW. (2012). Prevalence and sociodemographic correlates of antinuclear antibodies in the United States. *Arthritis Rheum*, 64(7), 2319-27. PMID: 22237992
- Scarf WC, Farman AG, Ruskin JD. (2012). Interpreting CBCT Images for Implant Assessment: Part 2 – Strategies based on the goals of imaging. *Australasian Dental Practice*, 23(4), 102. PMID: [http://www.dentalpractice.com.au/index.php?option=com\\_zend&controller=article&task=read&article\\_id=2](http://www.dentalpractice.com.au/index.php?option=com_zend&controller=article&task=read&article_id=2)
- Anderson EM, Del Valle-Pinero AY, Suckow SK, Nolan TA, Neubert JK, Caudle RM. (2012). Morphine and MK-801 administration leads to alternative N-methyl-d-aspartate receptor 1 splicing and associated changes in reward seeking behavior and nociception on an operant orofacial assay. *Neuroscience*, 214, 14-27. PMID: 22531378
- Clark N, Sandow P. (2012). Comprehensive Oral Cancer Examination of the Extra-oral and Intra-oral Regions of the Head and Neck. *MedEdPORTAL*, [www.med-edportal.org/publication/9201](http://www.med-edportal.org/publication/9201), 9201.
- Söderholm KJM. (2012). Coatings in Dentistry – A Review of Some Basic Principles. *Coatings*, 2(3), 138-59.
- Guelmann M, Brackett R, Beavers N, Primosch RE. (2012). Effect of continuous versus interrupted administration of nitrous-oxide-oxygen inhalation on behavior of anxious pediatric dental patients: a pilot study. *J Clin Pediatr Dent*, 37(1), 77-82. PMID: 23342571

- Ribeiro-Dasilva MC, Goodin BR, Fillingim RB. (2012). Differences in suprathreshold heat pain responses and self-reported sleep quality between patients with temporomandibular joint disorder and healthy controls. *Eur J Pain*, 16(7), 983-93. PMID: 22344627
- Psoter WJ, Aguilar ML, Levy A, Baek LS, Morse DE. (2012). A preliminary study on the relationships between global health/quality of life and specific head and neck cancer quality of life domains in Puerto Rico. *J Prosthodont*, 21(6), 460-71. PMID: 22469330
- Söderholm KJ, Geraldeli S, Shen C. (2012). What do microtensile bond strength values of adhesives mean? *J Adhes Dent*, 14(4), 307-14. PMID: 22282762
- Zeng L, Martino NC, Burne RA. (2012). Two gene clusters coordinate galactose and lactose metabolism in *Streptococcus gordonii*. *Appl Environ Microbiol*, 78(16), 5597-605. PMID: 22660715
- Drake CT, McGorray SP, Dolce C, Nair M, Wheeler TT. (2012). Orthodontic tooth movement with clear aligners. *ISRN Dent*, 2012, 657973. PMID: 22928114
- Welc SS, Phillips NA, Oca-Cossio J, Wallet SM, Chen DL, Clanton TL. (2012). Hyperthermia increases interleukin-6 in mouse skeletal muscle. *Am J Physiol Cell Physiol*, 303(4), C455-66. PMID: 22673618
- Jung HM, Phillips BL, Patel RS, Cohen DM, Jakymiw A, Kong WW, Cheng JQ, Chan EK. (2012). Keratinization-associated miR-7 and miR-21 regulate tumor suppressor reversion-inducing-cysteine-rich protein with kazal motifs (RECK) in oral cancer. *J Biol Chem*, 287(35), 29261-72. PMID: 22761427
- Lucas A, Davids AJ, Bryant M, Kesavulu L, Progulske-Fox A. (2012). Inflammatory Vascular Disease – A Unifying Hypothesis. *J Clin Exp Cardiolog*, 3(9), 3:e111.
- von Chamier M, Allam A, Brown MB, Reinhard MK, Reyes L. (2012). Host genetic background impacts disease outcome during intrauterine infection with *Ureaplasma parvum*. *PLoS One*, 7(8), e44047. PMID: 22952869
- Avila-Ortiz G, Wang HL, Galindo-Moreno P, Misch CE, Rudek I, Neiva R. (2012). Influence of lateral window dimensions on vital bone formation following maxillary sinus augmentation. *Int J Oral Maxillofac Implants*, 27(5), 1230-8. PMID: 23057039
- Akyalcin S, Rykiss J, Rody WJ, Wiltshire WA. (2012). Digital analysis of staining properties of clear aesthetic brackets. *J Orthod*, 39(3), 170-5. PMID: 22984101
- Dennis MJ. (2012). Anticoagulant therapy and dentistry. *Todays FDA*, 24(6), 40-1, 43-7. PMID: 23166998
- Dodd VJ, Riley Iii JL, Logan HL. (2012). Developing an oropharyngeal cancer (OPC) knowledge and behaviors survey. *Am J Health Behav*, 36(5), 589-601. PMID: 22584087

- Burne RA, Zeng L, Ahn SJ, Palmer SR, Liu Y, Lefebure T, Stanhope MJ, Nascimento MM. (2012). Progress dissecting the oral microbiome in caries and health. *Adv Dent Res*, 24(2), 77-80. PMID: 22899685
- Sibille KT, Witek-Janusek L, Mathews HL, Fillingim RB. (2012). Telomeres and epigenetics: potential relevance to chronic pain. *Pain*, 153(9), 1789-93. PMID: 22770844
- Goodin BR, Smith MT, Quinn NB, King CD, McGuire L. (2012). Poor sleep quality and exaggerated salivary cortisol reactivity to the cold pressor task predict greater acute pain severity in a non-clinical sample. *Biol Psychol*, 91(1), 36-41. PMID: 22445783
- Islam NM, Bhattacharyya I, Cohen DM. (2012). Salivary gland pathology in HIV patients. *Diagnostic Histopathology*, 18(9), 366-72.
- Ahn SJ, Qu MD, Roberts E, Burne RA, Rice KC. (2012). Identification of the Streptococcus mutans LytST two-component regulon reveals its contribution to oxidative stress tolerance. *BMC Microbiol*, 12, 187. PMID: 22937869
- Riley JL 3rd, Gordan VV, Rindal DB, Fellows JL, Qvist V, Patel S, Foy P, Williams OD, Gilbert GH; Dental Practice-Based Research Network Collaborative Group. (2012). Components of patient satisfaction with a dental restorative visit: results from the Dental Practice-Based Research Network. *J Am Dent Assoc*, 143(9), 1002-10. PMID: 22942147
- Fedorowicz Z, Nasser M, Sequeira-Byron P, de Souza RF, Carter B, Heft M. (2012). Irrigants for non-surgical root canal treatment in mature permanent teeth. *Cochrane Database Syst Rev*, 9, CD008948. PMID: 22972129
- Esquivel-Upshaw J, Rose W, Oliveira E, Yang M, Clark AE, Anusavice K. (2012). Randomized, Controlled Clinical Trial of Bilayer Ceramic and Metal-Ceramic Crown Performance. *J Prosthodont*, doi: 10.1111/j.1532-849X.2012.00913.x, ePub. PMID: 22978697
- Funkhouser E, Agee BS, Gordan VV, Rindal DB, Fellows JL, Qvist V, McClelland J, Gilbert GH, The DPBRN Collaborative Group. (2012). Use of online sources of information by dental practitioners: findings from The Dental Practice-Based Research Network. *J Public Health Dent*, ePub, doi: 10.1111/j.1752-7325.2012.00373.x. [Epub ahead of print]. PMID: 22994848
- Liu YL, Nascimento M, Burne RA. (2012). Progress toward understanding the contribution of alkali generation in dental biofilms to inhibition of dental caries. *Int J Oral Sci*, 4(3), 135-40. PMID: 22996271
- Funkhouser E, Agee BS, Gordan VV, Rindal DB, Fellows JL, Qvist V, McClelland J, Gilbert GH for The DPBRN Collaborative Group . (2012). Use of Online Sources of Information by Dental

Practitioners: Findings from The Dental Practice-Based Research Network *J Public Health Dent*, 74(1), 71-9.

- Vincent CR, Thomas TL, Reyes L, White CL, Canales BK, Brown MB. (2012). Symptoms and risk factors associated with first urinary tract infection in college age women: a prospective cohort study. *J Urol*, 189(3), 904-10. PMID: 23017515
- Bowers LM, Cohen DM, Bhattacharyya I, Pettigrew JC Jr, Stavropoulos MF. (2012). The Non-ossifying Fibroma: A Case Report and Review of the Literature. *Head Neck Pathol, Epub ahead of print*, ePub. PMID: 23008139
- Nolan TA, Price DD, Caudle RM, Murphy NP, Neubert JK. (2012). Placebo-induced analgesia in an operant pain model in rats. *Pain*, 153(10), 2009-16. PMID: 22871471
- Aguirre JI, Akhter MP, Kimmel DB, Pingel JE, Williams A, Jorgensen M, Kesavalu L, Wronski TJ. (2012). Oncologic doses of zoledronic acid induce osteonecrosis of jaw-like lesions in rice rats (*Oryzomys palustris*) with periodontitis. *J Bone Miner Res*, 27(10), 2130-43. PMID: 22623376
- Levi L, Barak S, Katz J. (2012). Allergic reactions associated with metal alloys in porcelain-fused-to-metal fixed prosthodontic devices-A systematic review. *Quintessence Int*, 43(10), 871-7. PMID: 23115766
- Brown HM, Knowlton AE, Grieshaber SS. (2012). Chlamydial infection induces host cytokinesis failure at abscission. *Cell Microbiol*, 14(10), 1554-67. PMID: 22646503
- Magliocca KR, Pfeifle RM, Bhattacharyya I, Cohen DM. (2012). Melanocytic neuroectodermal tumor of infancy. *Pediatr Dermatol*, 29(5), 633-6. PMID: 22092370
- Shaddox LM, Huang H, Lin T, Hou W, Harrison PL, Aukhil I, Walker CB, Klepac-Ceraj V, Paster BJ. (2012). Microbiological characterization in children with aggressive periodontitis. *J Dent Res*, 91(10), 927-33. PMID: 22863892
- Son M, Ahn SJ, Guo Q, Burne RA, Hagen SJ. (2012). Microfluidic study of competence regulation in *Streptococcus mutans*: environmental inputs modulate bimodal and unimodal expression of comX. *Mol Microbiol*, 86(2), 258-72. PMID: 22845615
- Dotson CD, Wallace MR, Bartoshuk LM, Logan HL. (2012). Variation in the gene TAS2R13 is associated with differences in alcohol consumption in patients with head and neck cancer. *Chem Senses*, 37(8), 737-44. PMID: 22824251
- Suh HY, Lee SJ, Lee YS, Donatelli RE, Wheeler TT, Kim SH, Eo SH, Seo BM. (2012). A more accurate method of predicting soft tissue changes after mandibular setback surgery. *J Oral Maxillofac Surg*, 70(10), e553-62. PMID: 22990101

- Frencken JE, Peters MC, Manton DJ, Leal SC, Gordan VV, Eden E. (2012). Minimal intervention dentistry for managing dental caries – a review: report of a FDI task group. *Int Dent J*, 62(5), 223-43. PMID: 23106836
- Haun J, Luther S, Dodd V, Donaldson P. (2012). Measurement variation across health literacy assessments: implications for assessment selection in research and practice. *J Health Commun*, 17(Suppl 3), 141-59. PMID: 23030567
- Keppeke GD, Nunes E, Ferraz ML, Silva EA, Granato C, Chan EK, Andrade LE. (2012). Longitudinal study of a human drug-induced model of autoantibody to cytoplasmic rods/rings following HCV therapy with ribavirin and interferon- $\alpha$ . *PLoS One*, 7(9), e45392. PMID: 23028980
- Tattersall J, Rao GV, Runac J, Hackstadt T, Grieshaber SS, Grieshaber NA. (2012). Translation inhibition of the developmental cycle protein HctA by the small RNA IhtA is conserved across Chlamydia. *PLoS One*, 7(10), e47439. PMID: 23071807
- Zawawi MS, Dharmapatni AA, Cantley MD, McHugh KP, Haynes DR, Crotti TN. (2012). Regulation of ITAM adaptor molecules and their receptors by inhibition of calcineurin-NFAT signalling during late stage osteoclast differentiation. *Biochem Biophys Res Commun*, 427(2), 404-9. PMID: 23000414
- Anderson EM, Neubert JK, Caudle RM. (2012). Long-term changes in reward-seeking following morphine withdrawal are associated with altered N-methyl-D-aspartate receptor 1 splice variants in the amygdala. *Neuroscience*, 223, 45-55. PMID: 22863572
- Nixdorf DR, Law AS, Look JO, Rindal DB, Durand EU, Kang W, Agee BS, Fellows JL, Gordan VV, Gilbert GH; National Dental PBRN Collaborative Group. (2012). Large-scale clinical endodontic research in the national dental practice-based research network: study overview and methods. *J Endod*, 38(11), 1470-8. PMID: 23063220
- Fitzpatrick SG, Neuman AN, Cohen DM, Bhattacharyya I. (2012). The clinical and histologic presentation of gingival squamous cell carcinoma: a study of 519 cases. *Oral Surg Oral Med Oral Pathol Oral Radiol*, 114(4), 509-15. PMID: 22986247
- Catalanotto FA. (2012). Pay me now or pay me later. *Dental Abstracts*, 57(6), 284-6.
- Magliocca KR, Bhattacharyya I, Wolfram RB, Cohen DM. (2012). Multiple impacted teeth and associated pericoronal tissue abnormality in tuberous sclerosis complex. *J Oral Maxillofac Surg*, 70(11), 2581-4. PMID: 22285332
- Beliveau D, Magnusson I, Bidwell JA, Zapert EF, Aukhil I, Wallet SM, Shaddox LM. (2012). Benefits of early systemic antibiotics in localized aggressive periodontitis: a retrospective study. *J Clin Periodontol*, 39(11), 1075-81. PMID: 22931240

- LaPointe L, Guelmann M, Primosch R. (2012). State regulations governing oral sedation in dental practice. *Pediatr Dent*, 34(7), 489-92. PMID: 23265167
- Rossi HL, Jenkins AC, Kaufman J, Bhattacharyya I, Caudle RM, Neubert JK. (2012). Characterization of bilateral trigeminal constriction injury using an operant facial pain assay. *Neuroscience*, 224, 294-306. PMID: 22909425
- DeBate RD, Cragun D, Gallentine AA, Severson HH, Shaw T, Cantwell C, Christiansen S, Koerber A, Hendricson W, Tomar SL, McCormack Brown K, Tedesco LA. (2012). Evaluate, assess, treat: development and evaluation of the EAT framework to increase effective communication regarding sensitive oral-systemic health issues. *Eur J Dent Educ*, 16(4), 232-8. PMID: 23050505
- Cruz-Almeida Y, Felix ER, Martinez-Arizala A, Widerström-Noga EG. (2012). Decreased spinothalamic and dorsal column medial lemniscus-mediated function is associated with neuropathic pain after spinal cord injury. *J Neurotrauma*, 29(17), 2706-15. PMID: 22845918
- Bhattacharyya I. (2012). Diagnostic discussion. Histoplasmosis. *Todays FDA*, 24(6), 32-3, 35-7. PMID: 23166997
- Fuks AB, Guelmann M, Kupietzky A. (2012). Current developments in pulp therapy for primary teeth. *Endodontic Topics*, 23(1), 50-72. PMID: <http://onlinelibrary.wiley.com/doi/10.1111/etp.12003/pdf>
- Sibille KT, Riley JL 3rd, McEwen B. (2012). Authors build an important foundation for further research. *J Pain*, 13(12), 1269-70. PMID: 23182232
- Dannecker EA, Liu Y, Rector RS, Thomas TR, Fillingim RB, Robinson ME. (2012). Sex differences in exercise-induced muscle pain and muscle damage. *J Pain*, 13(12), 1242-9. PMID: 23182229
- Cohen D, Bhattacharyya I. (2012). Verruca vulgaris (VV). *Todays FDA*, 24(5), 35-7, 39. PMID: 23189506
- Kakudate N, Sumida F, Matsumoto Y, Manabe K, Yokoyama Y, Gilbert GH, Gordan VV. (2012). Restorative treatment thresholds for proximal caries in dental PBRN. *J Dent Res*, 91(12), 1202-8. PMID: 23053847
- Makhija SK, Gilbert GH, Funkhouser E, Bader JD, Gordan VV, Rindal DB, Bauer M, Pihlstrom DJ, Qvist V; National Dental Practice-Based Research Network Collaborative Group. (2012). The prevalence of questionable occlusal caries: findings from the Dental Practice-Based Research Network. *J Am Dent Assoc*, 143(12), 1343-50. PMID: 23204090
- Ceribelli A, Satoh M, Chan EK. (2012). MicroRNAs and autoimmunity. *Curr Opin Immunol*, 24(6), 686-91. PMID: 22902047

- Oli MW, Otoo HN, Crowley PJ, Heim KP, Nascimento MM, Ramsook CB, Lipke PN, Brady LJ. (2012). Function amyloid formation by Streptococcus mutans. *Microbiology*, 158(Pt 12), 2903-16. PMID: 23082034
- Glover TL, Goodin BR, Hargas AL, Kindler LL, King CD, Sibille KT, Peloquin CA, Riley JL 3rd, Staud R, Bradley LA, Fillingim RB. (2012). Vitamin D, race, and experimental pain sensitivity in older adults with knee osteoarthritis. *Arthritis Rheum*, 64(12), 3926-35. PMID: 23135697
- AlTarakemah Y, Soderholm KJ. (2012). How some ridge shapes affect the fit of denture bases. *Eur J Prosthodont Restor Dent*, 20(4), 184-90. PMID: 23495561
- Cruz-Almeida Y, King CD, Wallet SM, Riley JL 3rd. (2012). Immune biomarker response depends on choice of experimental pain stimulus in healthy adults: a preliminary study. *Pain Res Treat*, 2012, 538739. PMID: 23213513
- Kim SS, Kwon DW, Im I, Kim YD, Hwang DS, Holliday LS, Donatelli RE, Son WS, Jun ES. (2012). Differentiation and characteristics of undifferentiated mesenchymal stem cells originating from adult premolar periodontal ligaments. *Korean J Orthod*, 42(6), 307-17. PMID: 23323245
- Yao B, La LB, Chen YC, Chang LJ, Chan EK. (2012). Defining a new role of GW182 in maintaining miRNA stability. *EMBO Rep*, 13(12), 1102-8. PMID: 23090477
- Allam AB, Brown MB, Reyes L. (2012). Disruption of the S41 peptidase gene in mycoplasma mycoides capri impacts proteome profile, H<sub>2</sub>O<sub>2</sub> production, and sensitivity to heat shock. *PLoS One*, 7(12), e51345. PMID: 23300541
- Moser JJ, Chan EK, Fritzler MJ. (2013). An SNP in the trinucleotide repeat region of the TNRC6A gene maps to a major TNGW1 autoepitope in patients with autoantibodies to GW182. *Adv Exp Med Biol*, 768, 243-59. PMID: 23224974
- Fritzler MJ, Chan EK. (2013). The discovery of GW bodies. *Adv Exp Med Biol*, 768, 4-21. PMID: 23224962
- Chan EK, Yao B, Fritzler MJ. (2013). Reflections on ten years of history of, and future prospects for, GW182 and GW/P body research. *Adv Exp Med Biol*, 768, 261-70. PMID: 23224975
- Satoh M, Chan JY, Ceribelli A, Vazquez del-Mercado M, Chan EK. (2013). Autoantibodies to Argonaute 2 (Su antigen). *Adv Exp Med Biol*, 768, 45-59. PMID: 23224964
- Poole S, Singhrao SK, Kesavulu L, Curtis MA, Crean S. (2013). Determining the presence of periodontopathic virulence factors in short-term postmortem Alzheimer's disease brain tissue. *J Alzheimers Dis*, 36(4), 665-77. PMID: 23666172
- Schleyer T, Song M, Gilbert GH, Rindal DB, Fellows JL, Gordan VV, Funkhouser E. (2013). Electronic dental record use and clinical information management patterns among practitioner-

investigators in The Dental Practice-Based Research Network *J Am Dent Assoc*, 144(1), 49-58. PMID: 23283926

- Chan EK, Fritzler MJ. (2013). Introduction: the GW body story as an example of autoantibodies with significant impacts to molecular cell biology. *Adv Exp Med Biol*, 768, 1-4. PMID: 23224961
- Yao B, Li S, Chan EK. (2013). Function of GW182 and GW bodies in siRNA and miRNA pathways. *Adv Exp Med Biol*, 768, 71-96. PMID: 23224966
- Gordan VV, The National Dental PBRN Collaborative Group . (2013). Translating research into everyday clinical practice: lessons learned from a USA dental practice-based research network. *Dent Mater*, 29(1), 3-9. PMID: 22889478
- Tjäderhane L, Nascimento FD, Breschi L, Mazzoni A, Tersariol IL, Geraldeli S, Tezvergil-Mutluay A, Carrilho MR, Carvalho RM, Tay FR, Pashley DH. (2013). Optimizing dentin bond durability: control of collagen degradation by matrix metalloproteinases and cysteine cathepsins. *Dent Mater*, 29(1), 116-35. PMID: 22901826
- Rodrigues PH, Reyes L, Chadda AS, Bélanger M, Wallet SM, Akin D, Dunn W Jr, Progulske-Fox A. (2013). Porphyromonas gingivalis strain specific interactions with human coronary artery endothelial cells: a comparative study. *PLoS One*, 7(12), e52606. PMID: 23300720
- Knowlton AE, Fowler LJ, Patel RK, Wallet SM, Grieshaber SS. (2013). Chlamydia induces anchorage independence in 3T3 cells and detrimental cytological defects in an infection model. *PLoS One*, 8(1), e54022. PMID: 23308295
- Holliday LS, Huynh N, Zuo J, Toro EJ. (2013). Mechanisms controlling vacuolar H<sup>+</sup>-adenosine triphosphatase activity: targets for the development of new therapeutic agents for the management of osteoporosis. *Research and Reports in Biochemistry*, 2013:3, 37-53. PMID: DOI: <http://dx.doi.org/10.2147/RRBC.S28414>
- Lee BH, Gauna AE, Perez G, Park YJ, Pauley KM, Kawai T, Cha S. (2013). Autoantibodies against muscarinic type 3 receptor in Sjögren's syndrome inhibit aquaporin 5 trafficking. *PLoS One*, 8(1), e53113. PMID: 23382834
- Catalfamo DL, Calderon NL, Harden SW, Sorenson HL, Neiva KG, Wallet SM. (2013). Augmented LPS responsiveness in type 1 diabetes-derived osteoclasts. *J Cell Physiol*, 228(2), 349-61. PMID: 22718269
- Cugini C, Stephens DN, Nguyen D, Kantarci A, Davey ME. (2013). Arginine deiminase inhibits Porphyromonas gingivalis surface attachment. *Microbiology*, 159(Pt 2), 275-85. PMID: 23242802
- Carcamo WC, Ceribelli A, Calise SJ, Krueger C, Liu C, Daves M, Villalta D, Bizzaro N, Satoh M, Chan EK. (2013). Differential reactivity to IMPDH2 by anti-rods/rings autoantibodies and

unresponsiveness to pegylated interferon-alpha/ribavirin therapy in US and Italian HCV patients. *J Clin Immunol*, 33(2), 420-6. PMID: 23100146

- Yamane K, Nambu T, Yamanaka T, Ishihara K, Tatami T, Mashimo C, Walker CB, Leung KP, Fukushima H. (2013). Pathogenicity of exopolysaccharide-producing *Actinomyces oris* isolated from an apical abscess lesion. *Int Endod J*, 46(2), 145-54. PMID: 22900599
- Söderholm KJ, Ottenga M, Nimmo S. (2013). Four-year clinical evaluation of two self-etching dentin adhesives of different pH values used to restore non-retentive cervical lesions. *Am J Dent*, 26(1), 28-32. PMID: 23724546
- Priyadarshini R, Cugini C, Arndt A, Chen T, Tjokro NO, Goodman SD, Davey ME. (2013). The nucleoid- associated protein HU $\beta$  affects global gene expression in *Porphyromonas gingivalis*. *Microbiology*, 159(Pt 2), 219-29. PMID: 23175503
- Widerström-Noga E, Pattany PM, Cruz-Almeida Y, Felix ER, Perez S, Cardenas DD, Martinez-Arizala A. (2013). Metabolite concentrations in the anterior cingulate cortex predict high neuropathic pain impact after spinal cord injury. *Pain*, 154(2), 204-12. PMID: 23141478
- Goodin BR, Glover TL, Sotolongo A, King CD, Sibille KT, Herbert MS, Cruz-Almeida Y, Sanden SH, Staud R, Redden DT, Bradley LA, Fillingim RB. (2013). The association of greater dispositional optimism with less endogenous pain facilitation is indirectly transmitted through lower levels of pain catastrophizing. *J Pain*, 14(2), 126-35. PMID: 23218934
- Zeng L, Burne RA. (2013). Comprehensive mutational analysis of sucrose-metabolizing pathways in *Streptococcus mutans* reveals novel roles for the sucrose PTS permease. *J Bacteriol*, 195(4), 833-43. PMID: 23222725
- Laine A, Sihto H, Come C, Rosenfeldt MT, Zwolinska A, Niemelä M, Khanna A, Chan EK, Kähäri VM, Kellokumpu-Lehtinen PL, Sansom OJ, Evan GI, Junntila MR, Ryan KM, Marine JC, Joensuu H, Westermark P. (2013). Senescence sensitivity of breast cancer cells is defined by positive feedback loop between CIP2A and E2F1. *Cancer Discov*, 3(2), 182-97. PMID: 23306062
- Nahid MA, Yao B, Dominguez-Gutierrez PR, Kesavalu L, Satoh M, Chan EK. (2013). Regulation of TLR2- mediated tolerance and cross-tolerance through IRAK4 modulation by miR-132 and miR-212. *J Immunol*, 190(3), 1250-63. PMID: 23264652
- Aguilar ML, Psoter WJ, Montero M, Milord F, Joshipura KJ. (2013). The Quality of Removable Prostheses in Dentate, Community-Dwelling Elderly Residing in Puerto Rico. *J Prosthodont*, doi: 10.1111/jopr.12025, ePUB. PMID: 23387934
- Fernandez MA, Paez de Mendoza CY, Platt JA, Levon JA, Hovijittra ST, Nimmo A. (2013). A comparative study of the accuracy between plastic and metal impression transfer copings for implant restorations. *J Prosthodont*, 22(5), 367-76. PMID: 23387412

- Goodison S, Urquidi V, Kumar D, Reyes L, Rosser CJ. (2013). Complete Genome Sequence of *Mycoplasma hyorhinis* Strain SK76. *Genome Announc*, 1(1), e00101-12. PMID: 23405353
- Harvey LE, Kohlgraf KG, Mehalick LA, Raina M, Recker EN, Radhakrishnan S, Prasad SA, Vidva R, Progulske-Fox A, Cavanaugh JE, Vali S, Brogden KA. (2013). Defensin DEFB103 bidirectionally regulates chemokine and cytokine responses to a pro-inflammatory stimulus. *Sci Rep*, 3, 1232. PMID: 23390582
- Juran CM, Dolwick MF, McFetridge PS. (2013). Shear mechanics of the TMJ disc: relationship to common clinical observations. *J Dent Res*, 92(2), 193-8. PMID: 23166043
- Karunathilake NP, Frye RF, Stavropoulos MF, Herman MA, Hastie BA. (2013). A Preliminary Study on the Effects of Self-Reported Dietary Caffeine on Pain Experience and Postoperative Analgesia. *Journal of Caffeine Research*, 2(4), 159-166. PMID: 24761271
- Vierck CJ, Mauderli AP, Riley JL 3rd. (2013). Relationships between the intensity and duration of Peltier heat stimulation and pain magnitude. *Exp Brain Res*, 225(3), 339-48. PMID: 23423165
- Wandner LD, Hirsh AT, Torres CA, Lok BC, Scipio CD, Heft MW, Robinson ME. (2013). Using Virtual Human Technology to Capture Dentists' Decision Policies about Pain. *J Dent Res*, *Epub ahead of print*, ePub. PMID: 23446916
- Moffatt-Jauregui CE, Robinson B, de Moya AV, Brockman RD, Roman AV, Cash MN, Culp DJ, Lamont RJ. (2013). Establishment and characterization of a telomerase immortalized human gingival epithelial cell line. *J Periodontal Res*, 48(6), 713-21. PMID: 23441958
- King CD, Goodin B, Glover TL, Riley JL, Hou W, Staud R, Fillingim RB. (2013). Is the pain-reducing effect of opioid medication reliable? A psychophysical study of morphine and pentazocine analgesia. *Pain*, 154(3), 476-83. PMID: 23438853
- Chan EK, Ceribelli A, Satoh M. (2013). MicroRNA-146a in autoimmunity and innate immune responses. *Ann Rheum Dis*, 72 Suppl 2, ii90-5. PMID: 23253933
- Neiva RF. (2013). Ridge preservation procedures. *Todays FDA*, 25(2), 44-5, 47. PMID: 23691616
- Fillingim RB. (2013). Complex associations among sex, anxiety and pain. *Pain*, 154(3), 332-3. PMID: 23320953
- Martin J, Fernandez E, Estay J, Gordan VV, Mjor IA, Moncada G. (2013). Minimal invasive treatment for defective restorations: five-year results using sealants. *Oper Dent*, 38(2), 125-33. PMID: 22788726
- Rivera MF, Lee JY, Aneja M, Goswami V, Liu L, Velsko IM, Chukkapalli SS, Bhattacharyya I, Chen H, Lucas AR, Kesavalu LN. (2013). Polymicrobial infection with major periodontal pathogens induced periodontal disease and aortic atherosclerosis in hyperlipidemic ApoE(null) mice. *PLoS One*, 8(2), e57178. PMID: 23451182

- Martin J, Fernandez E, Estay J, Gordan VV, Mjor IA, Moncada G . (2013). Management of Class I and Class II Amalgam Restorations with Localized Defects: Five-year Results. *Inter Dent J*, 2013, 450260.
- Pauley K, Cha S. (2013). RNAi Therapeutics in Autoimmune Disease. *Pharmaceuticals*, 6(3), 287-94. PMID: doi:10.3390/ph6030287
- Bhattacharyya I. (2013). Diagnostic discussion. Melanoacanthoma. *Todays FDA*, 25(1), 32-5. PMID: 23513945
- Yokoyama Y, Kakudate N, Sumida F, Matsumoto Y, Gilbert GH, Gordan VV . (2013). Dentists' Dietary Perception and Practice Patterns in a Dental Practice-Based Research Network. *PLoS One*, 8(3), e59615.
- Zeng L, Choi SC, Danko CG, Siepel A, Stanhope MJ, Burne RA. (2013). Gene regulation by CcpA and catabolite repression explored by RNA-seq in *Streptococcus mutans*. *PLoS One*, 8(3), e60465. PMID: 23555977
- Gonçalves PF, Huang H, McAninley S, Alfant B, Harrison P, Aukhil I, Walker C, Shaddox LM. (2013). Periodontal Treatment Reduces Matrix Metalloproteinase Levels in Localized Aggressive Periodontitis. *J Periodontol*, ePub, ePub. PMID: 23537121
- Gilbert GH, Gordan VV, Funkhouser E, Rindal DB, Fellows JL, Qvist V, Anderson G, Worley D; National Dental PBRN Collaborative Group . (2013). Caries treatment in a dental practice-based research network: movement toward stated evidence-based treatment. *Community Dent Oral Epidemiol*, 41(2), 143-53. PMID: 23036131
- Guo Y, McGorray SP, Riggs CE Jr, Logan HL. (2013). Racial disparity in oral and pharyngeal cancer in Florida in 1991-2008: mixed trends in stage of diagnosis. *Community Dent Oral Epidemiol*, 41(2), 110-9. PMID: 22882581
- Cornejo OE, Lefebure T, Pavinski Bitar PD, Lang P, Richards VP, Eilertson K, Do T, Beighton D, Zeng L, Ahn SJ, Burne RA, Siepel A, Blustamante CD, Stanhope MJ. (2013). Evolutionary and population genomics of the cavity causing bacteria *Streptococcus mutans*. *Mol Biol Evol*, 30(4), 881-93. PMID: 23228887
- Catalfamo DL, Britten TM, Storch DI, Calderon NL, Sorenson HL, Wallet SM. (2013). Hyperglycemia Induced and Intrinsic Alterations in Type 2 Diabetes-Derived Osteoclast Function. *Oral Dis*, 19(3), 303-12. PMID: 24079914
- Altin N, Ergun S, Katz J, Sancali E, Koray M, Tanyeri H. (2013). Implant-Supported Oral Rehabilitation of a Patient with Pemphigus Vulgaris: A Clinical Report. *J Prosthodont*, doi: 10.1111/jopr.12050, ePub. PMID: 23552022

- Tonetti MS, Van Dyke TE; Working group 1 of the joint EFP/AAP workshop. (2013). Periodontitis and atherosclerotic cardiovascular disease: consensus report of the Joint EFP/AAP Workshop on Periodontitis and Systemic Diseases. *J Clin Periodontol*, 40(Suppl 14), S24-9. PMID: 23627332
- Wallet MA, Calderon NI, Alonso TR, Choe CS, Catalfamo DI, Lalane CJ, Neiva KG, Panagakos F, Wallet SM. (2013). Triclosan alters antimicrobial and inflammatory responses of epithelial cells. *Oral Dis*, 19(3), 296-302. PMID: 24079913
- Gordan VV, Riley JL 3rd, De Carvalho RM, Snyder J, Sanderson JL Jr, Anderson M, Gilbert GH; DPBRN Collaborative Group . (2013). Methods used by dental practice-based research network dentists to diagnose dental caries. *Tex Dent J*, 130(4), 321-32. PMID: 23767161
- Gilbert GH, Litaker MS, Pihlstrom DJ, Amundson CW, Gordan VV; DPBRN Collaborative Group. (2013). Rubber dam use during routine operative dentistry procedures: findings from the dental PBRN. *Tex Dent J*, 130(4), 337-47. PMID: 23767163
- Daley E, Debate R, Vamos C, Marsh L, Kline N, Albino J, Driscoll A, Muller S, Progulske-Fox A, Russell S. (2013). Transforming women's oral-systemic health through discovery, development, and delivery. *J Womens Health (Larchmt)*, 22(4), 299-302. PMID: 23540329
- Cugini C, Klepac-Ceraj V, Rackaityte E, Riggs JE, Davey ME. (2013). Porphyromonas gingivalis: keeping the pathos out of the biont. *J Oral Microbiol*, 2013, 5. PMID: 23565326
- Rossi HL, Luu AK, Kothari SD, Kuburas A, Neubert JK, Caudle RM, Recober A. (2013). Effects of diet- induced obesity on motivation and pain behavior in an operant assay. *Neuroscience*, 235, 87-95. PMID: 23333672
- Reyes L, Herrera D, Kozarov E, Roldá S, Progulske-Fox A. (2013). Periodontal bacterial invasion and infection: contribution to atherosclerotic pathology. *J Periodontol*, 84(4 Suppl), S30-50. PMID: 23631583
- Barnett TE, Smith T, He Y, Soule EK, Curbow BA, Tomar SL, McCarty C. (2013). Evidence of emerging hookah use among university students: a cross-sectional comparison between hookah and cigarette use. *BMC Public Health*, 13, 302. PMID: 23560649
- Petri MH, Satoh M, Martin-Marquez BT, Vargas-Ramírez R, Jara LJ, Saavedra MA, Cruz-Gonzalez C, Andrade-Ortega L, Vera-Lastra O, Salazar-Páramo M, Prieto-Parra RE, Gonzalez-Lopez L, Gamez-Nava JI, Ramírez-Sánchez HU, Chan JY, Ross SJ, Chan EK, Vázquez-Del . (2013). Implications in the difference of anti-Mi-2 and -p155/140 autoantibody prevalence in two dermatomyositis cohorts from Mexico City and Guadalajara. *Arthritis Res Ther*, 15(2), R48. PMID: 23557279
- Esquivel-Upshaw JF, Dieng FY, Clark AE, Neal D, Anusavice KJ. (2013). Surface degradation of dental ceramics as a function of environmental pH. *J Dent Res*, 92(5), 467-71. PMID: 23569159

- Mahler M, Gascon C, Patel S, Ceribelli A, Fritzler MJ, Swart A, Chan EK, Satoh M. (2013). Rpp25 is a major target of autoantibodies to the Th/To complex as measured by a novel chemiluminescent assay. *Arthritis Res Ther*, 15(2), R50. PMID: 23587095
- Gilbert GH, Williams OD, Korelitz JJ, Fellows JL, Gordan VV, Makhija SK, Meyerowitz C, Oates TW, Rindal DB, Benjamin PL, Foy PJ; National Dental PBRN Collaborative Group.. (2013). Purpose, structure, and function of the United States National Dental Practice-Based Research Network. *J Dent*, doi: 10.1016/j.jdent.2013.04.002., ePub. PMID: 23597500
- Palmer SR, Miller JH, Abranchedes J, Zeng L, Lefebvre T, Richards VP, Lemos JA, Stanhope MJ, Burne RA. (2013). Phenotypic heterogeneity of genetically-diverse isolates of *Streptococcus mutans*. *PLoS One*, 8(4), e61358. PMID: 23613838
- Soler MD, Cruz-Almeida Y, Saurí J, Widerström-Noga EG. (2013). Psychometric evaluation of the Spanish version of the MPI-SCI. *Spinal Cord*, 51(7), 538-52. PMID: 23608807
- Fitzpatrick SG, Neuman AN, Cohen DM, Bhattacharyya I. (2013). Papillary Variant of Squamous Cell Carcinoma Arising on the Gingiva: 61 Cases Reported from Within a Larger Series of Gingival Squamous Cell Carcinoma. *Head Neck Pathol*, <http://www.ncbi.nlm.nih.gov/pubmed/?term=23620148>, ePub. PMID: 23620148
- Heft MW, Robinson ME. (2013). Age differences in suprathreshold sensory function. *Age (Dordr)*, <http://www.ncbi.nlm.nih.gov/pubmed/?term=23625154>, ePub. PMID: 23625154
- Koutouzis T, Koutouzis G, Gadalla H, Neiva R. (2013). The effect of healing abutment reconnection and disconnection on soft and hard peri-implant tissues: a short-term randomized controlled clinical trial. *Int J Oral Maxillofac Implants*, 28(3), 807-14. PMID: 23748313
- Tonetti MS, Van Dyke TE; working group 1 of the joint EFP/AAP workshop. (2013). Periodontitis and atherosclerotic cardiovascular disease: consensus report of the Joint EFP/AAP Workshop on Periodontitis and Systemic Diseases. *J Periodontol*, 84(4 Suppl), S24-9. PMID: 23631582
- Bartoshuk LM, Klee HJ. (2013). Better fruits and vegetables through sensory analysis. *Curr Biol*, 23(9), R374-8. PMID: 23660360
- Katz J, Bhattacharyya I, Moreb JS. (2013). Lichenoid mucocutaneous syndrome a variant of para neoplastic pemphigus (PNP) following the treatment of follicular non-Hodgkin's lymphoma with fludarabine. *J Cancer Res Ther*, 1(3), 123-7.
- Rody WJ Jr, Wijegunasinghe M, Wiltshire WA, Dufault B. (2013). Differences in the gingival crevicular fluid composition between adults and adolescents undergoing orthodontic treatment. *Angle Orthod*, 84(1), 120-6.
- PMID: 23687969

- Islam N, Bhattacharyya I, Cohen D. (2013). Diagnostic discussion. Dentinogenesis imperfecta. *Todays FDA*, 25(2), 35-7, 39. PMID: 23691614
- Das B, Cash MN, Robinson B, Kuhns CS, Latchney LR, Fallon MA, Elliott RW, Hand AR, Culp DJ. (2013). The sld genetic defect: two intronic CA repeats promote insertion of the subsequent intron and mRNA decay. *J Biol Chem*, 288(21), 14742-55. PMID: 23580649
- Anderson EM, Mills R, Nolan TA, Jenkins AC, Mustafa G, Lloyd C, Caudle RM, Neubert JK. (2013). Use of the Operant Orofacial Pain Assessment Device (OPAD) to measure changes in nociceptive behavior. *J Vis Exp*, 76, e50336. PMID: 23792907
- Diatchenko L, Fillingim RB, Smith SB, Maixner W. (2013). The phenotypic and genetic signatures of common musculoskeletal pain conditions. *Nat Rev Rheumatol*, 9(6), 340-50. PMID: 23545734
- Jung HM, Patel RS, Phillips BL, Wang H, Cohen DM, Reinhold WC, Chang LJ, Yang LJ, Chan EK. (2013). Tumor suppressor miR-375 regulates MYC expression via repression of CIP2A coding sequence through multiple miRNA-mRNA interactions. *Mol Biol Cell*, 24(11), 1638-48. PMID: 23552692
- DeBate RD, Severson HH, Cragun DL, Gau JM, Merrell LK, Bleck JR, Christiansen S, Koerber A, Tomar SL, McCormack Brown KR, Tedesco LA, Hendricson W. (2013). Evaluation of a theory-driven e-learning intervention for future oral healthcare providers on secondary prevention of disordered eating behaviors. *Health Educ Res*, 28(3), 472-87. PMID: 23564725
- Kim JN, Stanhope MJ, Burne RA. (2013). Core-gene-encoded peptide regulating virulence-associated traits in *Streptococcus mutans*. *J Bacteriol*, 195(12), 2912-20. PMID: 23603743
- Fitzpatrick SG, Montague LJ, Cohen DM, Bhattacharyya I. (2013). CD44 expression in intraoral salivary ductal papillomas and oral papillary squamous cell carcinoma. *Head Neck Pathol*, 7(2), 122-8. PMID: 23143465
- Naugle KE, Behar-Horenstein LS, Dodd VJ, Tillman MD, Borsa PA. (2013). Perceptions of wellness and burnout among certified athletic trainers: sex differences. *J Athl Train*, 48(3), 424-30. PMID: 23675802
- Riley JL, Pomery EA, Dodd VJ, Muller KE, Guo Y, Logan HL. (2013). Disparities in knowledge of mouth or throat cancer among rural Floridians. *J Rural Health*, 29(3), 294-303. PMID: 23802931
- McCracken MS, Gordan VV, Litaker MS, Funkhouser E, Fellows JL, Shamp DG, Qvist V, Meral JS, Gilbert GH; National Dental Practice-Based Research Network Collaborative Group. (2013). A 24-month evaluation of amalgam and resin-based composite restorations: Findings from The National Dental Practice-Based Research Network. *J Am Dent Assoc*, 144 (6), 583-93. PMID: 23729455

- Howell JL, Shepperd JA, Logan H. (2013). Barriers to oral cancer screening: a focus group study of rural Black American adults. *Psychooncology*, 22(6), 1306-11. PMID: 22926896
- Choi CH, Spooner R, Deguzman J, Koutouzis T, Ojcius DM, Yilmaz O. (2013). Porphyromonas gingivalis- nucleoside-diphosphate-kinase inhibits ATP-induced reactive-oxygen-species via P2X7 receptor/NADPH- oxidase signalling and contributes to persistence. *Cell Microbiol*, 15(6), 961-76. PMID: 23241000
- Bhattacharyya I, Kramer JM. (2013). Clinical pathologic conference case 5: Unusual severe glossitis. *Oral Surg Oral Med Oral Pathol Oral Radiol*, 115(5), e46-9. PMID: 23738346
- Tümer N, Svetlov S, Whidden M, Kirichenko N, Prima V, Erdos B, Sherman A, Kobeissy F, Yezierski R, Scarpace PJ, Vierck C, Wang KK. (2013). Overpressure blast-wave induced brain injury elevates oxidative stress in the hypothalamus and catecholamine biosynthesis in the rat adrenal medulla. *Neurosci Lett*, 544, 62-7. PMID: 23570732
- Valencia C, Kindler LL, Fillingim RB, George SZ. (2013). Stability of conditioned pain modulation in two musculoskeletal pain models: investigating the influence of shoulder pain intensity and gender. *BMC Musculoskelet Disord*, 14(1), 182. PMID: 23758907
- Esquivel-Upshaw JF, Clark AE, Shuster JJ, Anusavice KJ. (2013). Randomized clinical trial of implant- supported ceramic-ceramic and metal-ceramic fixed dental prostheses: preliminary results. *J Prosthodont*, 23(2), 73-82. PMID: 23758092
- Jiang N, Nutter TJ, Cooper BY. (2013). Molecular and cellular influences of permethrin on mammalian nociceptors at physiological temperatures. *Neurotoxicology*, 37, 207-19. PMID: 23701970
- Roulet JF, Geraldeli S, Sensi L, Özcan M. (2013). Relation between handling characteristics and application time of four photo-polymerized resin composites. *Chin J Dent Res*, 16(1), 55-61. PMID: 23878827