

Research Publications



2021

Developmental and Surgical Sciences

Alassy H, Pizarek JA, Kormas I, Pedercini A, **Wolff LF**. 2021. Antimicrobial adjuncts in the management of periodontal and peri-implant diseases and conditions: a narrative review. *Frontiers of Oral and Maxillofacial Medicine*. 3:Article 16. <https://doi.org/10.21037/fomm-20-84>

Cabelka CA, Baumann CW, Lindsay A, Norton A, Blixt NC, Le GC, Warren GL, **Mansky KC**, Novotny SA, Lowe DA. 2021. Tissue selective effects of bazedoxifene on the musculoskeletal system in female mice. *Journal of Endocrinology*. 248(2):181-191. <https://doi.org/10.1530/JOE-20-0391>

Chatzopoulos GS, Cisneros A, Sanchez M, **Wolff LF**. 2021. Association between periodontal disease and systemic inflammatory conditions using electronic health records: A pilot study. *Antibiotics*. 10(4):Article 386. <https://doi.org/10.3390/antibiotics10040386>

Chatzopoulos GS, Costalonga M, Mansky KC, Wolff LF. 2021. Wnt-5a and sost levels in gingival crevicular fluid depend on the inflammatory and osteoclastogenic activities of periodontal tissues. *Medicina (Lithuania)*. 57(8):Article 788. <https://doi.org/10.3390/medicina57080788>

Elnagdy S, Raptopoulos M, Kormas I, Pedercini A, **Wolff LF**. 2021. Local oral delivery agents with anti-biofilm properties for the treatment of periodontitis and peri-implantitis. A narrative review. *Molecules*. 26(18):Article 5661. <https://doi.org/10.3390/molecules26185661>

Fischer NG, Chen X, Astleford-hopper K, He J, Mullikin AF, **Mansky KC, Aparicio C**. 2021. Antimicrobial and enzyme-responsive multi-peptide surfaces for bone-anchored devices. *Materials Science and Engineering C*. 125:112108. <https://doi.org/10.1016/j.msec.2021.112108>

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Johnstone KF, Wei Y, **Bittner-Eddy PD**, Vreeman GW, Stone IA, Clayton JB, Reilly CS, Walbon TB, Wright EN, Hoops SL, Boyle WS, **Costalonga M, Herzberg MC**. 2021. Calprotectin (S100A8/A9) is an innate immune effector in experimental Periodontitis. *Infection and immunity*. 89(10):Article e00122-21. <https://doi.org/10.1128/iai.00122-21>

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Jones RS. 2021. Conceptual model for using imidazoline derivative solutions in pulpal management. *Journal of Clinical Medicine*. 10(6):1-11. <https://doi.org/10.3390/jcm10061212>

Karkache IY, Damodaran JR, Molstad DHH, **Mansky KC**, Bradley EW. 2021. Myeloid lineage ablation of phlpp1 regulates m-csf signaling and tempers bone resorption in female mice. *International journal of molecular sciences*. 22(18):Article 9702. <https://doi.org/10.3390/ijms22189702>

Katsoulas NG, Tosios KI, Lynch HA, **Uppgaard R, Koutlas IG.** 2021. Polymorphous Adenocarcinoma, Low Grade Variant, Colliding with a Neurofibroma. *Head and Neck Pathology*. <https://doi.org/10.1007/s12105-021-01377-7>

Klabunde R, Grünheid T. 2021. Dynamic force decay evaluation of latex and non-latex orthodontic elastics. *Journal of Orofacial Orthopedics*. <https://doi.org/10.1007/s00056-021-00319-w>

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Kumar D, Ghose D, Bolskar RD, **Mutreja I, Jones RS.** 2021. A novel methacrylate derivative polymer that resists bacterial cell-mediated biodegradation. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*. <https://doi.org/10.1002/jbm.b.34972>, <https://doi.org/10.1002/jbm.b.34972>

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Ou Q, Grazzini Placucci R, **Danielson J, Anderson G, Olin P, Jardine P, Madden J**, Yuan Q, Grafe TH, Shao S, Hong J, Pui DYH. 2021. Characterization and mitigation of aerosols and spatters from ultrasonic scalers. *Journal of the American Dental Association*. 152(12):981-990. <https://doi.org/10.1016/j.adaj.2021.06.007>

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Seubert BJ, **Gaalaas L, Larson BE, Grünheid T.** 2021. Evaluation of transverse maxillary growth on cone-beam computed tomography images. *Scientific reports*. 11(1):Article 17462. <https://doi.org/10.1038/s41598-021-97082-0>

Sperl A, **Gaalaas L, Beyer J**, Grünheid T. 2021. Buccal alveolar bone changes following rapid maxillary expansion and fixed appliance therapy. *Angle Orthodontist*. 91(2):171-177. <https://doi.org/10.2319/060220-504.1>

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Diagnostic and Biological Sciences

Argyris PP, Ho D, Islam MN, Khurram SA, Courville EL, Morgan S, Sundick B, Soliman M, Janakiram M, **Gopalakrishnan R, Koutlas IG**. 2021. Self-regressing oral CD30-positive, EBV-negative, T-cell lymphoproliferative lesions. A poorly understood process highlighted by ominous clinicopathologic features and indolent behavior. *Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology*. 132(6):698-707. <https://doi.org/10.1016/j.oooo.2021.05.014>

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Babiloni AH, Beetz G, Bruneau A, Martel MO, Cistulli PA, **Nixdorf DR**, Conway JM, Lavigne GJ. 2021. Multitargeting the sleep-pain interaction with pharmacological approaches: A narrative review with suggestions on new avenues of investigation. *Sleep Medicine Reviews*. 59:Article 101459. <https://doi.org/10.1016/j.smr.2021.101459>

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Bela Andela S, Lamprecht R, **John MT**, Pattanaik S, Reissmann DR. 2021. Development of a one-item version of the Orofacial Esthetic Scale. *Clinical oral investigations*. <https://doi.org/10.1007/s00784-021-04049-6>

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Fischer NG, Chen X, Astleford-hopper K, He J, Mullikin AF, **Mansky KC, Aparicio C**. 2021. Antimicrobial and enzyme-responsive multi-peptide surfaces for bone-anchored devices. *Materials Science and Engineering C*. 125:112108. <https://doi.org/10.1016/j.msec.2021.112108>

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Herrmann D, Zhou LW, Hanson HM, Willkomm NA, **Mansky LM**, Saad JS. 2021. Structural Insights into the Mechanism of Human T-cell Leukemia Virus Type 1 Gag Targeting to the Plasma Membrane for Assembly. *Journal of Molecular Biology*. 433(19):Article 167161. <https://doi.org/10.1016/j.jmb.2021.167161>

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Primary Dental Care

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Restorative Sciences

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