

DAFTAR PUSTAKA

- Abed J., Emgard J.E., Zamir G., Faroja M., Almogy G., Grenov A., Sol A., Naor R., Pikarsky E., Atlan K.A., A. Mellul A., Chaushu S., Manson A.L., Earl A.M., N. Ou N., Brennan C.A., Garrett w.S., and Bachrach G., 2016. Fap2 mediates *Fusobacterium nucleatum* colorectal adenocarcinoma enrichment by binding to tumor-expressed Gal-GalNAc, *Cell Host Microbe* 20 (2) (2016) 215–225.
- Abnet C.C., Qiao Y.L, and Mark SD., 2001. Prospective study of tooth loss and incident esophageal and gastric cancers in China. *Cancer Causes Control*; 12: 847–854.
- Abnet, C. C., Kamangar, F., Islami, F., Nasrollahzadeh, D., Brennan, P., Aghcheli, K., and Dawsey, S. M., 2008. Tooth loss and lack of regular oral hygiene are associated with higher risk of esophageal squamous cell carcinoma. *AACR* 17(11), 3062–3068.
- Ahn J., Segers S., and Hayes R.B., 2012. Periodontal disease, *Porphyromonas gingivalis* serum antibody levels and orodigestive cancer mortality. *Carcinogenesis* 2012; 33:1055–8.
- Ahrens, W., Pohlabein, H., Foraita, R., Nelis, M., Lagiou, P., Lagiou, A., and Brennan, P., 2014. Oral health, dental care and mouthwash associated with upper aerodigestive tract cancer risk in Europe: The ARCADE study. *Oral Oncology*, 50(6), 616–625.
- Ajwani, S., Mattila, K. J., Narhi, T. O., Tilvis, R. S., and Ainamo, A. 2003. Oral health status, C-reactive protein and mortality – A 10 Years follow-up study. *Gerodontology*, 20, 32–40
- Alakhali, M.S., and Al-Maweri, S.A., 2018. The potential association between periodontitis and non-alcoholic fatty liver disease: a systematic review. *Clin. Oral Investig.* 22, 2965–2974.
- Al-Maweri S. A., Ibraheem W., Al-Akhali M. S., Halboub A.S.E., and Alhajj M., 2019. Periodontal disease, tooth loss, and the risk of liver cancer: A systematic review. *Cancer Biol Oncol.* 10.21203/rs.2.18708/v1
- Amieva, M., and Peek, R. M., Jr. 2016. Pathobiology of *Helicobacter pylori* Induced Gastric Cancer. *Gastroenterology*, 150(1), 64–78.
- Anand, P. S., Nandakumar, K., and Shenoy, K. T. 2006. Are Dental Plaque, Poor Oral Hygiene, and Periodontal Disease Associated with *Helicobacter Pylori* Infection? *Journal of Periodontology*, 77(4), 692– 698.
- Ansai T., Takata Y., Yoshida A., Soh I., Awano S., Hamasaki T., Sogame A., and Shimada N., 2013. Association between tooth loss and orodigestive cancer mortality in an 80- year-old communitydwelling Japanese population: a 12-year prospective study. *BMC Public Health* 2013, 13:814
- Arimatsu K., Yamada H., Miyazawa H., Minagawa T., Nakajima M., Ryder M.I., Gotoh K., Motooka D., Nakamura S., Iida T., and Yamazaki K., 2014. Oral pathobiont induces systemic inflammation and metabolic changes associated with alteration of gut microbiota, *Sci. Rep.* 4 (2014) 4828.
- Armitage, G. C., 1999. Development of a classification system for periodontal diseases and conditions. *Annals of Periodontology*: 4, 1–6.

- Bascones-Martinez A., and Figuero-Ruiz E., 2004. Periodontal diseases as bacterial infection. *Med Oral Patol Oral Cir Bucal* 2004; 9:92–100.
- Beaugerie L., and Itzkowitz S. H., 2015. Cancers complicating inflammatory bowel disease. *N Engl J Med* 2015; 372(15): 1441–1452
- Bernabe, E., Marcenes, W., Hernandez, C. R., Bailey, J., Abreu, L. G., Alipour, V., Amini, S., Arabloo, J., Arefi, Z., Arora, A., Ayanore, M. A., Bärnighausen, W., Bijani, A., Cho, D. Y., Chu, D. T., Crowe, C. S., Demoz, G. T., Demsie, D. G., Dibaji Forooshani, Z. S., and Kassebaum, N. J., 2020. Global, regional, and national levels and trends in burden of oral conditions from 1990 to 2017: A systematic analysis for the Global Burden of Disease 2017 Study. *Journal of Dental Research*, 99(4), 362–37
- Blasco-Baque, V., Garidou, L., Pomié, C., Escoula, Q., Loubieres, P., Le Gall-David, S., and Burcelin, R., 2017. Periodontitis induced by *Porphyromonas gingivalis* drives periodontal microbiota dysbiosis and insulin resistance via an impaired adaptive immune response. *Gut*, 66, 872–885
- Boylan M. R., Khalili H., Huang E. S., MD, Michaud D. S., Izard J., Joshipura K. J., and Chan A. T., 2013. A Prospective Study of Periodontal Disease and Risk of Gastric and Duodenal Ulcer in Male Health Professionals. *NPG* 2014. 5, e49;
- Brauchle F., Noack M and Elmar., 2013. Impact of periodontal disease and periodontal therapy on oral health-related quality of life. *IDJ* 2013; 63: 306–311
- Bray F., Ferlay J., and Soerjomataram I., 2018. Global cancer statistics 2018: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries. *CA Cancer J Clin*; 68: 394–424.
- Carmen A. D., Aída B. Y., and Javier D. L., 2021. Risk Indicators of Tooth Loss Among Mexican Adult Population: A Cross- Sectional Study. *IDJ* 000 2021; 1-6
- Castellarin M, Warren R. L, Freeman J. D, Dreolini L, Krzywinski M, and Strauss J., 2012. *Fusobacterium nucleatum* infection is prevalent in human colorectal carcinoma. *Genome Res* 2012;22:299e306.
- Chen, X., Yuan, Z., Lu, M., Zhang, Y., Jin, L., and Ye, W., 2017. Poor oral health is associated with an increased risk of esophageal squamous cell carcinoma - A population-based case-control study in China. *IJC*, 140(3), 626–635
- Chhabra, S. K., Souliotis, V. L., Kyrtopoulos, S. A., and Anderson, L. M. 1996. Nitrosamines, Alcohol, and Gastrointestinal Tract Cancer: Recent epidemiology and experimentation. *In Vivo*, 10(3), 265–284.
- Chou S.H., Tung Y.C., Wu L.S., Chang C.J., Kung S., & Chu P.H., 2018. Severity of chronic periodontitis and risk of gastrointestinal cancers A population-based follow-up study from Taiwan. *Medicine* (2018) 97:2
- Chrysanthakopoulos N. S., and Oikonomou A. A., 2017. A case-control study of the periodontal condition in gastric cancer patients. *Stomatological Dis Sci* 2017; 1:55-61.
- Clemente J.C., Manasson J., and Scher J.U., 2018. The role of the gut microbiome in systemic inflammatory disease, *BMJ* 360 (2018) j5145.
- Corbella S, Veronesi P, Galimberti V, Weinstein R, Fabbro M, D., and Francetti L.,

2018. Is periodontitis a risk indicator for cancer? A meta-analysis. *PLoS ONE* 13(4): e0195683
- Cordero O.J., and Varela-Calvano R., 2018. Oral hygiene might prevent cancer. *Heliyon* 4 (2018) e00879
- Coussens, L. M., and Werb, Z., 2002. Inflammation and cancer. *Nature*, 420, 860–867
- Dal Bello F, and Hertel C.,2006. Oral cavity as natural reservoir for intestinal lactobacilli. *Syst Appl Microbiol* 2006; 29(1): 69–76.
- Dewhirst F.E., Chen T., and Izard J., 2010. The human oral microbiome. *J Bacteriol* 2010;192:5002–17.
- Eke PI., Dye BA., and Wei L.,2015. Update On Prevalence of Periodontitis in Adults in the United States: NHANES 2009 to 2012. *J Periodontol*; 86: 611–622.
- Elhassan A. T., and Peeran S., 2016. The Linking Mechanisms Between Liver and Periodontal Diseases. *EC Dental Science* 4.2 (2016): 758-766
- Fan X, Alekseyenko A.V., Wu J, Peters B.A., Jacobs E.J., and Gapstur S.M., 2018. Human oral microbiome and prospective risk for pancreatic cancer: a population-based nested case-control study. *Gut* 2018; 67:120–7.
- Fang Y., Yao Q., Chen Z., 2013. Genetic and molecular alterations in pancreatic cancer: implications for personalized medicine, *Medical Science Monitor*, vol. 19, pp. 916–926
- Ferlay, J., Soerjomataram, I., Dikshit, R., Eser, S., Mathers, C., Rebelo, M., Parkin, D.M., Forman, D., and Bray, F., 2015. Cancer incidence and mortality worldwide: sources, methods and major patterns in GLOBOCAN 2012. *Int.J. Canc.* 136, E359–E386
- Fiona Q. B., Coutinho CL, Silva AD, Huynh B, Trinh A, Liu J, Woodward, Asadi H, and Ojcius DM., 2019. Association between periodontal pathogens and systemic disease, *biomedical journal* 42 (2019) 27- 35
- Fitzpatrick S. G., and Katz J., 2010. The association between periodontal disease and cancer: A review of the literature. *journal of dentistry*;38 (2010) 83–95.
- Franke, A.J., Skelton, W.P., Starr, J.S., Parekh, H., Lee, J.J., Overman, M.J., Allegra, C., and George, T.J., 2019. Immunotherapy for colorectal cancer: a review of current and novel therapeutic approaches. *J. Natl. Cancer Inst.* 111, 1131–1141
- Furusho, H., Miyauchi, M., Hyogo, H., Inubushi, T., Ao, M., Ouhara, K., and Takata, T., 2013. Dental infection of *Porphyromonas gingivalis* exacerbates high fat diet-induced steatohepatitis in mice. *Journal of Gastroenterology*, 48, 1259–1270.
- Gao, S., Li, S., Ma, Z., Liang, S., Shan, T., Zhang, M., and Feng, X., 2016. Presence of *Porphyromonas gingivalis* in esophagus and its association with the clinicopathological characteristics and survival in patients with esophageal cancer. *Infectious Agents and Cancer*, 11, 3
- Gerlovin H., Michaud D. A., Cozier Y. T., and Palmer J. R., 2019. Oral Health in Relation to Pancreatic Cancer Risk in African American Women. *Cancer Epidemiol Biomarkers Prev* 2019; 28:675-679
- Gui, M. J., Dashper, S. G., Slakeski, N., Chen, Y. Y., and Reynolds, E. C., 2016.

- Spheres of influence: *Porphyromonas gingivalis* outer membrane vesicles. *MOM: 31*(5), 365–378.
- Gupta B., Kumar N., and Johnson N. W., 2020. Periodontitis, oral hygiene habits, and risk of upper aerodigestive tract cancers: a case-control study in Maharashtra, India; *Oral Surg Oral Med Oral Pathol Oral Radiol* 2020;129:339–346
- Hajishengallis G., Liang S., and Payne M.A., 2011. Low abundance biofilm species orchestrates inflammatory periodontal disease through the commensal microbiota and complement. *Cell Host Microbe* 2011;10:497–506.
- Han Y.W., and Wang X., 2013. Mobile microbiome: oral bacteria in extra-oral infections and inflammation. *J Dent Res* 2013; 92: 485–491
- Han, P., Sun, D., and Yang, J. 2016. Interaction Between Periodontitis and Liver Diseases. *Biomedical Reports*, 5, 267–276.
- Hassona Y., Scully C., Ghosh M. A., Khoury Z., Jarrar S., and Sawair F., Mouth cancer awareness and beliefs among dental patients. *IDJ* 2015; 65: 15–21
- Heikkilä P, But A, Sorsa T, Haukka J. Periodontitis and cancer mortality: register-based cohort study of 68,273 adults in 10-year follow-up. *Int J Cancer* 2018; 142:2244–53.
- Heravi F. M., Babic A., Tworoger S.S., Zhang L., Wu Kana., Smith-Warner S., Ogino S., Chan A., Meyerhardt J., Giovannucci E., Fuchs C., Cho E., Michaud DS., Stampfer MJ., Yu YH., Kim D., and Zhang X., 2017. Periodontal disease, tooth loss and colorectal cancer risk: Results from the Nurses' Health Study. *Int. J. Cancer*: 140, 646–652 (2017) V C 2016 UICC
- Hoare A., Soto C., Celis V. R., and Bravo D. 2019. Chronic Inflammation as a Link between Periodontitis and Carcinogenesis. *Hindawi*; 2019, 14. 1029857
- How, K. Y., Song, K. P., and Chan, K. G., 2016. *Porphyromonas Gingivalis*: An overview of periodontopathic pathogen below the gum line. *Frontiers in Microbiology*; 7, 53
- Huang J., Roosaar A., Axell T., and Ye W., 2016. A prospective cohort study on poor oral hygiene and pancreatic cancer risk. *Int. J. Cancer*: 138, 340–347
- Hwang I-M., Sun L-M., Lin C-L., Lee C-F., and Kao C-K., 2015. Periodontal disease with treatment reduces subsequent cancer risks. *Q J Med* 2014; 107:805–812
- Irani S, Barati I, and Badiei M., 2020., Periodontitis and oral cancer - current concepts of the etiopathogenesis, *Oncology Reviews* 2020; 14:465
- Irfan, U. M., Dawson, D. V., and Bissada, N. F., 2001. Epidemiology of periodontal disease: A review and clinical perspectives. *JIAP*, 3, 14–21
- Janati A.I., Karp I., Latulippe J.F., Charlebois P., Emami E., 2022. Periodontal disease as a risk factor for sporadic colorectal cancer: results from COLIDENT study. *Cancer Causes & Control* 33:463–472
- Javeda F., and Saman Warnakulasuriya., 2016. Is there a relationship between periodontal disease and oral cancer? A systematic review of currently available evidence. *Crit Rev Oncol Hematol* 2016; 97: 197–205.
- Jiaqi Huang J, Roosaar A, Axell T, and Ye W., 2016. A prospective cohort study on poor oral hygiene and pancreatic cancer risk. *Int. J. Cancer*: 138, 340–347
- Johannsen, A., Susin, C., and Gustafsson, A. 2014. Smoking and Inflammation:

- Evidence for a Synergistic Role in Chronic Disease. *Periodontology* 2000, 64(1), 111–126.
- Jordão H. W., McKenna G, and McMenamin Ú. C.,2019. The association between self-reported poor oral health and gastrointestinal cancer risk in the UK Biobank: A large prospective cohort study. *United European Gastroenterology Journal* 2019: 2050640619858043
- Kageyama, S., Takeshita, T., Takeuchi, K., Asakawa, M., Matsumi, R., Furuta, M., and Yamashita, Y. 2019. Characteristics of The Salivary Microbiota in Patients with Various Digestive Tract Cancers. *Frontiers in Microbiology*, 10, 1780
- Kamada N., Seo S.U., Chen G.Y., and Nunez G., 2013. Role of the gut microbiota in immunity and inflammatory disease, *Nat. Rev. Immunol.* 13 (5) (2013) 321–335.
- Kassebaum, N. J., Bernabé, E., Dahiya, M., Bhandari, B., Murray, C. J. L., and Marcenes, W., 2014. Global burden of severe periodontitis in 1990– 2010: A systematic review and meta-regression. *Journal of Dental Research*, 93(11), 1045–1053
- Keku, McCoy A.N., and Azcarate-Peril A.M., 2013. *Fusobacterium* spp. and colorectal cancer: cause or consequence? *Trends Microbiol.* 21 (10) (2013) 506–508
- Kim G.W., Kim Y.S., Soo Hyun Lee S.H.,Park S.G., Kim D.H., Cho J.Y., Hahm K.B., Hong S.P., & Yoo J.H., 2019. Periodontitis is associated with an increased risk for proximal colorectal neoplasms. *Scientific Reports*; 9:7528
- Kim J. Y., Lee G. N., Song H. C., Park Y. M., Ahn Y. B., Han K., and Ko S. H., 2020. Association between Fatty Liver Index and Periodontitis: the Korea National Health and Nutrition Examination Survey. *Nature report*; 2020 10:3805
- Kostic, A. D., Chun, E., Robertson, L., Glickman, J. N., Gallini, C. A., Michaud, M., and Garrett, W. S., 2013. *Fusobacterium nucleatum* potentiates intestinal tumorigenesis and modulates the tumor-immune microenvironment. *Cell Host & Microbe*, 14, 207–215
- Lamster I. B., and Pa gan M., 2017. Periodontal disease and the metabolic syndrome. *IDJ* 2017; 67: 67–77
- Landskron, G., De la Fuente, M., Thuwajit, P., Thuwajit, C., and Hermoso, M. A. 2014. Chronic Inflammation and Cytokines in the Tumor Microenvironment. *Journal of Immunology Research*, 2014, 149185.
- Lee D., Jung K., Kim H. O., Kim H., Chun H-Y., 2018. Association between oral health and colorectal adenoma in a screening population. *Medicine* (2018) 97:37(e12244)
- Lee K., Sung-Lee J., Kim J., Lee H., Chang Y., Geol-Woo H., Kim, JW., Song T., 2020. Oral Health and Gastrointestinal Cancer: A Nationwide cohort study. *J Clin Periodontol.* 2020; 47:796–808
- Lee Y-L., Hu H-Y., Yang N-P., Chou P., and Chu D., 2014, Dental Prophylaxis Decreases the Risk of Esophageal Cancer in Males; A Nationwide Population-Based Study in Taiwan, *PLoS ONE* 9(10): e109444
- Lee, J. H., Choi, J. K., Jeong, S. N., and Choi, S. H., 2018. Charlson comorbidity

- index as a predictor of periodontal disease in elderly participants. *JPIS*, 48(2), 92–102
- Ljung R, Martin L, and Lagergren J., 2011. Oral disease and risk of oesophageal and gastric cancer in a nationwide nested case-control study in Sweden, *EJC* 47 (2011) 2128 – 2132
- Lo C.H., Nguyen L.H., Wu K., Ogino S., Chan A.T, Giovannucci E.L., & Song M., 2020. Periodontal Disease, Tooth Loss, and Risk of Serrated Polyps and Conventional Adenomas. *Cancer Prev Res (Phila)*; 13(8): 699–706
- Lua M, Xuanb S, and Wanga Z., 2019. Oral microbiota: A new view of body health. *FSHW* 8 (2019) 8–15
- Lua M., Xuanb S., and Wanga Z., 2019. Oral microbiota: A new view of body health. *Food Science and Human Wellness* 8 (2019) 8–15
- Ma P., Dai S., Jin C., Yao Y., Zou C., 2018. Tooth loss and risk of colorectal cancer: a dose–response meta-analysis of prospective cohort studies. *OncoTargets and Therapy* 2018:11
- Maisonneuve. P., Amar. P and Lowenfels. A.B., 2017. Periodontal disease, edentulism, and pancreatic cancer: a meta-analysis. *Annals of Oncology* 28: 985–995
- Mantovani, A., Allavena, P., Sica, A., and Balkwill, F., 2008. Cancer-related Inflammation. *Nature*, 454, 436–444
- Meurman J.H., 2010. Oral microbiota and cancer. *J Oral Microbiol* 2010; 2:5195
- Meyer, M. S., Joshipura, K., Giovannucci, E., and Michaud, D. S., 2008. A review of the Relationship Between Tooth Loss, Periodontal Disease, and Cancer. *Cancer Causes & Control*, 19(9), 895–907
- Michaud D.S., Liu Y, Meyer M, Giovannucci E, and Joshipura K., 2008. Periodontal disease, tooth loss, and cancer risk in male health professionals: a prospective cohort study. *Lancet Oncol*; 9(6):550-558.
- Michaud D.S., Lu J, Peacock-Villada A.Y., Barber J.R., Joshi C.E., Prizment A.E., 2018. Periodontal disease assessed using clinical dental measurements and cancer risk in the ARIC Study. *J Natl Cancer Inst* 2018; 110:843–54.
- Michaud, D. S., Fu, Z., Shi, J., and Chung, M., 2017. Periodontal disease, tooth loss, and cancer risk. *Epidemiologic Reviews*, 39(1), 49–58.
- Momen-Heravi F., Babic A., and Tworoger S. S., 2017. Periodontal disease, tooth loss and colorectal cancer risk: results from the Nurses' Health Study. *Int J Cancer* 2017; 140:646–52.
- Moutsopoulos N. M., and Madianos P. N., 2006. Low-grade inflammation in chronic infectious diseases: paradigm of periodontal infections. *Ann NY Acad Sci* 2006; 1088:251–64.
- Murakami, S., Mealey, B. L., Mariotti, A., and Chapple, I. L. C., 2018. Dental Plaque-Induced Gingival Conditions. *J Periodontol*, 89 (Suppl 1), S17–S27
- N.L. Rhodus N.L., Ho V., Miller C.S., Myers S., and Ondrey F., 2005. NF-kappaB dependent cytokine levels in saliva of patients with oral preneoplastic lesions and oral squamous cell carcinoma, *Cancer Detect. Prev.* 29 (1) (2005) 42–45.
- Nakajima M., Arimatsu K., Kato T., Matsuda Y., Minagawa T., Takahashi N., Ohno H., and Yamazaki K., 2015. Oral administration of P. Gingivalis

- induces dysbiosis of gut microbiota and impaired barrier function leading to dissemination of Enterobacteria to the liver, *PLoS One* 10 (07) (2015), e0134234.
- Nazir MA., 2017. Prevalence of periodontal disease, its association with systemic diseases and prevention, *IJHS* Vol. 1, Issue 2, April-June 2017
- Nwizu N, Wend W. J., And Genco R.J, 2020. Periodontal disease and cancer: Epidemiologic studies and possible mechanisms, *Periodontol* 2000. 2020; 83:213–233.
- Nwizu N.N., Marshall J.R., Moysich K, Genco R.J., Hovey K.M., and Mai X., 2017. Periodontal disease and incident cancer risk among postmenopausal women: results from the Women's Health Initiative Observational Cohort. *Cancer Epidemiol Biomarkers Prev* 2017;26: 1255–65
- Oh H., Lee D. H., Giovannucci E. L., Keum N., 2020. Gastric and duodenal ulcers, periodontal disease, and risk of bladder cancer in the Health Professionals Follow-up Study. *Cancer Causes & Control* (2020) 31:383–391
- Oluwagbemigun K, Dietrich T, and Pischon N., 2015. Association between number of teeth and chronic systemic diseases: a cohort study followed for 13 years. *PLoS One* 2015;10: e0123879
- Oringer R. J.,2002. Research S. Therapy Committee of the American Academy of Periodontology Modulation of the host response in periodontal therapy. *J Periodontol* 2002; 73:460–70
- Ozturk A., 2021. Periodontal Treatment Is Associated with Improvement in Gastric Helicobacter pylori Eradication: An Updated Meta- analysis of Clinical Trials. *IDJ* 71; 2021. 188-196
- Page RC, and Eke PI., 2007. Case Definitions for Use in Population- Based Surveillance of Periodontitis. *J Periodontol*;78(7 Suppl):1387-1399
- Pantel, K., and Brakenhoff, R.H., 2004. Dissecting the metastatic cascade. *Nat. Rev. Canc.* 4, 448–456.
- Petersen P. E., and Oga H., 2012. The global burden of periodontal disease: towards integration with chronic disease prevention and control. *Periodontology* 2000, Vol. 60, 2012, 15–39
- Pickard J.M., Zeng M.Y., Caruso R., and Nunez G., Gut microbiota: role in pathogen colonization, immune responses, and inflammatory disease, *Immunol. Rev.* 279 (1) (2017) 70–89.
- Pihlstrom, B. L., Michalowicz, B. S., and Johnson, N. W., 2005. Periodontal Diseases. *Lancet*, 366, 1809–1820
- Plummer, M., Franceschi, S., Vignat, J., Forman, D., and de Martel, C. 2015. Global Burden of Gastric Cancer Attributable to Helicobacter Pylori. *IJC*: 136(2), 487–490.
- Polk, D. B., and Peek, R. M. Jr., 2010. Helicobacter pylori: Gastric cancer and beyond. *Nature Reviews Cancer*, 10, 403–414.
- Pushalkar S, HundeyinM, Daley D, Zambirinis C.P., Kurz E,Mishra A., 2018. The pancreatic cancer microbiome promotes oncogenesis by induction of innate and adaptive immune suppression. *Cancer Discov* 2018;8: 403–16.
- Qin N., Yang F., Li A., Prifti E., Chen Y., Shao L., Guo J., Le Chatelier E., Yao J., Wu L., Zhou J., Ni S., Liu L., Pons N., Batto J.M., Kennedy S.P., Leonard P.,

- Yuan C., Ding W., Chen Y., Hu X., Zheng B., Qian G., Xu W., Ehrlich S.D., Zheng S., and Li L., 2014. Alterations of the human gut microbiome in liver cirrhosis, *Nature* 513 (7516) (2014) 59–64.
- Rahib, L., Smith, B.D., Aizenberg, R., Rosenzweig, A.B., Fleshman, J.M., and Matrisian, L.M., 2014. Projecting cancer incidence and deaths to 2030: the unexpected burden of thyroid, liver, and pancreas cancers in the United States. *Canc. Res.* 74, 2913–2921.
- Raimondi, S., Lowenfels, A. B., Morselli-Labate, A. M., Maisonneuve, P., and Pezzilli, R., 2010. Pancreatic cancer in chronic pancreatitis; aetiology, incidence, and early detection. *Best Practice & Research Clinical Gastroenterology*, 24, 349–358.
- Ren HG., Luu HN., and Cai H., 2016.Oral health and risk of colorectal cancer: Results from three cohort studies and a meta-analysis. *Ann Oncol*; 27: 1329–1336.
- Rubinstein M.R., Wang X., Liu W., Hao Y., Cai G., and Han Y.W., 2013. *Fusobacterium nucleatum* promotes colorectal carcinogenesis by modulating E-cadherin/beta-catenin signaling via its FadA adhesin, *Cell Host Microbe* 14 (2) 195–206
- Saffo, S., and Taddei, T.H., 2019. Systemic management for advanced hepatocellular carcinoma: a review of the molecular pathways of carcinogenesis, current and emerging therapies, and novel treatment strategies. *Dig. Dis. Sci.* 64, 1016–1029.
- Sarah G. Fitzpatrick., and Joseph Katz., 2010. The association between periodontal disease and cancer: A review of the literature: *J. Dent*,38 (2010), 83–95
- Sayehmiri, F., Sayehmiri, K., Asadollahi, K., Soroush, S., Bogdanovic, L., Jalilian, F. A., and Taherikalani, M., 2015. The prevalence rate of *Porphyromonas gingivalis* and its association with cancer: A systematic review and meta-analysis. *IJI*: 28(2), 160–167
- Sert S, Y., Ozturk A, Bektas A, and Cengiz M.I., 2019, Periodontal treatment is more effective in gastric *Helicobacter pylori* eradication in those patients who maintain good oral hygiene, *IDJ* 2019; 69: 392–399
- Sert S.Y., Ozturk A., Bektas A., and Murat I. Cengiz M.I., 2019. Periodontal treatment is more effective in gastric *Helicobacter pylori* eradication in those patients who maintain good oral hygiene. *IDJ* 2019; 69: 392–399
- Shamami M S, and Amini S., 2011. Periodontal Disease and Tooth Loss as Risks for Cancer: A Systematic Review of the Literature; *Iran J Cancer Prev*.2011; Vol4, No4, P189-198.
- Shang F.M., & Liu H.L., 2018. *Fusobacterium nucleatum* and colorectal cancer: A review. *World J Gastrointest Oncol* 2018 March 15; 10(3): 71-81
- Shi J., Leng W., Zhao L., Deng C., Xu C., Wang J., Wang Y., and Peng X., 2018. Tooth loss and cancer risk: a dose–response meta analysis of prospective cohort studies. *Oncotarget*, 2018, Vol. 9, (No. 19), pp: 15090-15100
- Siegel R.L., Miller K.D., and Jemal A.,2015. Cancer statistics. *CA Cancer J Clin*2015; 65 (1): 5–29.
- Slots J., 1998. Casual or causal relationship between periodontal infection and non-oral disease? *J Dent Res* 1998; 77:1764–5

- Soder B., Yakob M., and Meurman J.H., 2012. The association of dental plaque with cancer mortality Sweden. A longitudinal study. *BMJ Open* 2012;2: e001083.
- Spirito F.D., Toti P., Pilone V., Carinc F., Lauritano D., and Sbordone L., 2020. The Association between Periodontitis and Human Colorectal Cancer: *Genetic and Pathogenic Linkage. Life*, 10, 211
- Stolzenberg-Solomon R. Z., Dodd K.W., and Blaser M. J., 2003. Tooth loss, pancreatic cancer, and Helicobacter pylori. *Am J Clin Nutr* 2003; 78: 176–181.
- Su L, Xu Q, Zhang P, Michalek S.M., and Katz J. 2017. Phenotype and function of myeloid-derived suppressor cells induced by Porphyromonas gingivalis infection. *Infect Immun* 2017;85: *Aacrjournals*; 00213-17.
- Sun C., Xuan K., and Jha A. R.,2020. Is periodontal disease associated with increased risk of colorectal cancer? A meta-analysis. *JNCI J Natl Cancer Inst.* 2018. 110(8): djsx278
- Sun, J., Tang, Q., Yu, S., Xie, M., Xie, Y., Chen, G., and Chen, L., 2020, Role of the oral microbiota in cancer evolution and progression. *Cancer Med.* 2020, 9, 6306–6321
- Thistle J. E., Yang B., and Petrick J. L., 2018. Association of tooth loss with liver cancer incidence and chronic liver disease mortality in a rural Chinese population. *PLoS One* 2018; 13: e0203926
- Thistle J.E., Yang B., Petrick J.L., Fan J.H., Qiao Y.L., Abnet C.C., Taylor P.R., and McG lynn K.A., 2018. Association of tooth loss with liver cancer incidence and chronic liver disease mortality in a rural Chinese population. *PLoS ONE* 13(9): e0203926
- Totsuka Y., Lin Y., He, Y., Ishino, K., Sato, H., and Kato, M., 2019. DNA adductome analysis identifies N-nitrosopiperidine involved in the etiology of esophageal cancer in Cixian, China. *Chem. Res. Toxicol.* 32, 1515–1527
- Wallace S., Samietz S., and Abbas M., 2018. Impact of prosthodontic rehabilitation on the masticatory performance of partially dentate older patients: Can it predict nutritional state? Results from a RCT. *J Dent* 2018; 68: 66–71.
- Weng M. T., Chiu Y. T., Wei P. Y., Chiang C. W., Fang H. L., Wei S. C., 2019. Microbiota and gastrointestinal cancer. *JFMA* 2019; 118, S32eS41
- Williams, R. C., 1990. Periodontal Disease. *N. Engl. J. Med.*, 322, 373–382 Wilson, W.R., and Hay, M.P., 2011. Targeting hypoxia in cancer therapy. *Nat. Rev. Canc.* 11, 393–410.
- World Cancer Research Fund/American Institute for Cancer Research. Diet, nutrition, physical activity, and cancer: A global perspective. Continuous Update Project Expert Report 2018, www.wcrf.org/sites/default/files/
- Yang B., Petrick J.L., and Abnet, C.C., 2017. Tooth loss and liver cancer incidence in a Finnish cohort. *Cancer Causes Control* 28, 899–904.
- Yano Y., Fan J. , Dawsey S. M., , Qiao Y. L., and Abnet C. C., 2021. A long-term follow-up analysis of associations between tooth loss and multiple cancers in the Linxian General Population cohort. *JNC*; 1 (2021) 39–43
- Yin X. H., Wang Y. D., Luo H., Zhao K., Huang G. L., Luo S. Y., Peng J. X., and Song J. K., 2016. Association between Tooth Loss and Gastric Cancer: A

- Meta- Analysis of Observational Studies. *PLoS One* 2016; 11: e0149653
- Yuan, X., Liu, Y., Kong, J., Gu, B., Qi, Y., Wang, X., and Gao, S. 2017. Different Frequencies of *Porphyromonas Gingivalis* Infection in Cancers of the Upper Digestive Tract. *Cancer Letters*, 404, 1–7.
- Yukiko Y, Fan J-H, Dawsey S-M, Qiao Y-L, Abnet C-C., 2021. A long-term follow-up analysis of associations between tooth loss and multiple cancers in the Linxian General Population cohort, *JNCC* 1 (2021) 39–43
- Zhang Q., Zeng L., Chen Y., Lian G., Qian C., Chen S., Li J., Huang K., 2016. Pancreatic Cancer Epidemiology, Detection, and Management: *J Gastroenterology Research and Practice* Vol 10, Article ID 8962321
- Zhang, Y., Sun, C., Song, E.J., Liang, M., Shi, T., Min, M., and Sun Y., 2019. Is Periodontitis a Risk Indicator for Gastrointestinal Cancer? A meta-analysis of cohort studies. *J Clin Periodontol*. 2020; 47: 134-14