

Βιβλιογραφία - References

- Albert C.M., Campos H., Stampfer M.J., Ridker P.M., Manson J.E., Willett W.C. et al. (2002). Blood levels of long-chain n-3 fatty acids and the risk of sudden death. *The New England journal of medicine* **346**(15):1113-1118.
- Bartold P.M. & Van Dyke T.E. (2013). Periodontitis: a host-mediated disruption of microbial homeostasis. Unlearning learned concepts. *Periodontology 2000* **62**(1):203-217.
- Benakanakere M. & Kinane D.F. (2012). Innate cellular responses to the periodontal biofilm. *Frontiers of oral biology* **15**,41-55.
- Darveau R.P. (2010). Periodontitis: a polymicrobial disruption of host homeostasis. *Nature reviews Microbiology* **8**(7):481-490.
- Dimou N.L., Nikolopoulos G.K., Hamodrakas S.J. & Bagos P.G. (2010). Fcγ receptor polymorphisms and their association with periodontal disease: a meta-analysis. *Journal of clinical periodontology* **37**(3):255-265.
- Eke PI, Dye BA, Wei L, Thornton-Evans GO & Genco RJ, Cdc Periodontal Disease Surveillance workgroup: James Beck GDRP (2012). Prevalence of periodontitis in adults in the United States: 2009 and 2010. *Journal of dental research* **91**(10):914-920.
- EI-Sharkawy H., Aboelsaad N., Eliwa M., Darweesh M., Alshahat M., Kantarci A. et al. (2010). Adjunctive treatment of chronic periodontitis with daily dietary supplementation with omega-3 Fatty acids and low-dose aspirin. *Journal of periodontology* **81**(11):1635-1643.
- Freire M.O. & Van Dyke T.E. (2013). Natural resolution of inflammation. *Periodontology 2000* **63**(1):149-164.
- Garlet G.P. (2010). Destructive and protective roles of cytokines in periodontitis: a re-appraisal from host defense and tissue destruction viewpoints. *Journal of dental research* **89**(12):1349-1363.
- Genco R.J. & Borgnakke W.S. (2013). Risk factors for periodontal disease. *Periodontology 2000* **62**(1):59-94.
- Goodson J.M. (1992). Diagnosis of periodontitis by physical measurement: interpretation from episodic disease hypothesis. *Journal of periodontology* **63**(4 Suppl):373-382.
- Graves D.T., Li J. & Cochran D.L. (2011). Inflammation and uncoupling as mechanisms of periodontal bone loss. *Journal of dental research* **90**(2):143-153.
- Gupta G. (2013). Gingival crevicular fluid as a periodontal diagnostic indicator- II: Inflammatory mediators, host-response modifiers and chair side diagnostic aids. *Journal of medicine and life* **6**(1):7-13.
- Hajishengallis G., Darveau R.P. & Curtis M.A. (2012). The keystone-pathogen hypothesis. *Nature reviews Microbiology* **10**(10):717-725.
- Hajishengallis G. & Lamont R.J. (2014). Breaking bad: manipulation of the host response by *Porphyromonas gingivalis*. *European journal of immunology* **44**(2):328-338.
- Hajishengallis G. (2015). Periodontitis: from microbial immune subversion to systemic inflammation. *Nature reviews Immunology* **15**(1):30-44.
- Hasturk H., Kantarci A., Goguet-Surmenian E., Blackwood A., Andry C., Serhan C.N. et al. (2007). Resolvin E1 regulates inflammation at the cellular and tissue level and restores tissue homeostasis in vivo. *Journal of immunology* **179**(10):7021-7029.
- Howell T.H. (1993). Blocking periodontal disease progression with anti-inflammatory agents. *Journal of periodontology* **64**(8 Suppl):828-833.
- Kantarci A. & Van Dyke T.E. (2003). Lipoxins in chronic inflammation. *Critical reviews in oral biology and medicine: an official publication of the American Association of Oral Biologists* **14**(1):4-12.
- Kassebaum N.J., Bernabe E., Dahiya M., Bhandari B., Murray C.J. & 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.
- Kinane D.F. & Hart T.C. (2003). Genes and gene polymorphisms associated with periodontal disease. *Critical reviews in oral biology and medicine: an official publication of the American Association of Oral Biologists* **14**(6):430-449.
- Kornman K.S., Crane A., Wang H.Y., di Giovine F.S., Newman M.G., Pirk F.W. et al. (1997). The interleukin-1 genotype as a severity factor in adult periodontal disease. *Journal of clinical periodontology* **24**(1):72-77.
- Lalla E & Papapanou PN (2011). Diabetes mellitus and periodontitis: a tale of two common interrelated diseases. *Nature reviews Endocrinology* **7**(12):738-748.
- Levy B.D., Clish C.B., Schmidt B., Gronert K. & Serhan C.N. (2001). Lipid mediator class switching during acute inflammation: signals in resolution. *Nature immunology* **2**(7):612-619.
- Naqvi A.Z., Buettner C., Phillips R.S., Davis R.B. & Mukamal K.J. (2010). n-3 fatty acids and periodontitis in US adults. *Journal of the American Dietetic Association* **110**(11):1669-1675.
- Naqvi A.Z., Hasturk H., Mu L., Phillips R.S., Davis R.B., Halem S. et al. (2014). Docosahexaenoic Acid and Periodontitis in Adults: A Randomized Controlled Trial. *Journal of dental research* **93**(8):767-773.
- Papathanasiou E., Palaska I. & Theoharides T.C. (2013). Stress hormones regulate periodontal inflammation. *Journal of biological regulators and homeostatic agents* **27**(3):621-626.
- Papathanasiou E., Teles F., Griffin T., Arguello E., Finkelman M., Hanley J. et al. (2014). Gingival crevicular fluid levels of interferon-gamma, but not interleukin-4 or -33 or thymic stromal lymphopoietin, are increased

- in inflamed sites in patients with periodontal disease. *Journal of periodontal research* **49**(1):55-61.
- Pouliot M., Clish C.B., Petasis N.A., Van Dyke T.E. & Serhan C.N. (2000). Lipoxin A(4) analogues inhibit leukocyte recruitment to *Porphyromonas gingivalis*: a role for cyclooxygenase-2 and lipoxins in periodontal disease. *Biochemistry* **39**(16):4761-4768.
- Salvi G.E. & Lang N.P. (2005). Host response modulation in the management of periodontal diseases. *Journal of clinical periodontology* **32** Suppl 6,108-129.
- Serhan C.N., Jain A., Marleau S., Clish C., Kantarci A., Behbehani B. et al. (2003). Reduced inflammation and tissue damage in transgenic rabbits overexpressing 15-lipoxygenase and endogenous anti-inflammatory lipid mediators. *Journal of immunology* **171**(12):6856-6865.
- Serhan C.N., Chiang N. & Van Dyke T.E. (2008a). Resolving inflammation: dual anti-inflammatory and pro-resolution lipid mediators. *Nature reviews Immunology* **8**(5):349-361.
- Serhan C.N., Yacoubian S. & Yang R. (2008b). Anti-inflammatory and proresolving lipid mediators. *Annual review of pathology* **3**,279-312.
- Serhan C.N. & Petasis N.A. (2011). Resolvins and protectins in inflammation resolution. *Chemical reviews* **111**(10):5922-5943.
- Socransky S.S., Haffajee A.D., Cugini M.A., Smith C. & Kent R.L., Jr. (1998). Microbial complexes in subgingival plaque. *Journal of clinical periodontology* **25**(2):134-144.
- Socransky S.S. & Haffajee A.D. (2005). Periodontal microbial ecology. *Periodontology 2000* **38**,135-187.
- Spite M., Norling L.V., Summers L., Yang R., Cooper D., Petasis N.A. et al. (2009). Resolvin D2 is a potent regulator of leukocytes and controls microbial sepsis. *Nature* **461**(7268):1287-1291.
- Taylor G.W. & Borgnakke W.S. (2008). Periodontal disease: associations with diabetes, glycemic control and complications. *Oral diseases* **14**(3):191-203.
- Tonetti M.S. & Claffey N., European Workshop in Periodontology group C (2005). Advances in the progression of periodontitis and proposal of definitions of a periodontitis case and disease progression for use in risk factor research. Group C consensus report of the 5th European Workshop in Periodontology. *Journal of clinical periodontology* **32** Suppl 6,210-213.
- Van Dyke T.E. & Kornman K.S. (2008). Inflammation and factors that may regulate inflammatory response. *Journal of periodontology* **79**(8 Suppl):1503-1507.
- Van Dyke T.E., Hasturk H., Kantarci A., Freire M.O., Nguyen D., Dalli J. et al. (2015). Proresolving nanomedicines activate bone regeneration in periodontitis. *Journal of dental research* **94**(1):148-156.
- Επικοινωνία:** Evangelos Papathanasiou, DDS, MS
Department of Periodontology, Tufts University School of Dental Medicine, 1 Kneeland Street, Boston, MA 02111, USA, τηλ.: (617) 636-6531, e-mail: Evangelos.Papathanasiou@tufts.edu
- Correspondence:** Evangelos Papathanasiou, DDS, MS
Department of Periodontology, Tufts University School of Dental Medicine, 1 Kneeland Street, Boston, MA 02111, USA, tel.: (617) 636-6531, e-mail: Evangelos.Papathanasiou@tufts.edu