Βιβλιογραφία - References

Agrawal, A.A., Kapley, A., Yeltiwar, R.K., and Purohit, H.J. (2006) Assessment of single nucleotide polymorphism at IL-1A+4845 and IL-1B+3954 as genetic susceptibility test for chronic periodontitis in Maharashtrian ethnicity. *Journal of Periodontology* **77,** 1515-1521.

Albuquerque, C.M., Cortinhas, A.J., Morinha, F.J. et al. (2012) Association of the IL-10 polymorphisms and periodontitis: a meta-analysis. *Mol Biol Rep* **39,** 9319-9329.

Anusaksathien, O., Sukboon, A., Sitthiphong, P. and Teanpaisan, R. (2003) Distribution of interleukin-1β+3954 and IL-1α-889 genetic variations in a Thai population group. *Journal of Periodontology* **74,** 1796-1802.

Babel, N., Cherepnev, G., Babel, D., Tropmann, A., Hammer, M., Volk, H.D., Reinke, P. (2006) Analysis of tumor necrosis factor-alpha, transforming growth factor-beta, interleukin-10, IL-6, and interferon-gamma gene polymorphisms in patients with chronic periodontitis. *J Periodontol* **77,** 1978-1983.

Berdeli, A., Emingil, G., Gurkan, A., Atilla, G.& Kose, T. (2006) Association of the IL-1RN2 allele with periodontal diseases. *Clinical Biochemistry* **39,** 357-362.

Berglundh, T., Donati, M., Hahn-Zoric, M., Hanson, L.A., Padyukov, L. (2003) Association of the -1087 IL 10 gene polymorphism with severe chronic periodontitis in Swedish Caucasians. *J Clin Periodontol* **30,** 249-54.

Bobetsis, Y.A., Barros, S.P., Lin, D.M., Weidman, J.R., Dolinoy, D.C., Jirtle, RL. et al. (2007) Bacterial infection promotes DNA hypermethylation. *J Dent Res* **86,** 169-174.

Brett, P.M., Zygogianni, P., Griffiths, G.S., Tomaz, M., Parkar, M., D'Aiuto, F., Tonetti, M. (2005) Functional gene polymorphisms in aggressive and chronic periodontitis. *J Dent Res* **84,** 1149-1153.

Costa, A.M., Guimarães, M.C., de Souza, E.R., Nóbrega, O.T., Bezerra, A.C. (2010) Interleukin-6 (G-174C) and tumor necrosis factor-alpha (G-308A) gene polymorphisms in geriatric patients with chronicperiodontitis. *Gerodontology* **27,** 70-75.

Deng, J.S., Qin, P., Li, X.X., Du, Y.H. (2013) Association between interleukin-1β C (3953/4)T polymorphism and chronic periodontitis: evidence from a meta-analysis. *Hum Immunol* **74,** 371-8.

Dinarello, C.A. (1996) Biologic basis for interleukin-1 in disease. *Blood* **87,** 2095-2147.

Divaris, K., Monda, K.L., North, K.E., Olshan, A.F., Reynolds, L.M., Hsueh, W.C., Lange, E.M., Moss, K., Barros S.P., Weyant, R.J., Liu, Y., Newman, A.B., Beck, J.D., and Offenbacher, S. (2013) Exploring the genetic basis of chronic periodontitis: a genome-wide association study. *Hum Mol Genet* **22** (11), 2312-2324.

Fishman, D., Faulds, G., Jeffery, R., Mohamed-Ali, V., Yudkin, J.S., Humphries, S., Woo, P. (1998) The effect of novel polymorphisms in the interleukin-6 (IL-6) gene onIL-6 transcription and plasma IL-6 levels, and an association with systemic-onset juvenile chronic arthritis. *J Clin Invest* **102,** 1369-1376.

Geismar, K., Enevold, C., Sorensen, L.K. Gyntelberg, F., Bendtzen, K., Sigurd, B., Holmstrup, P. (2008) Involvement of interleukin-1 genotypes in the association of coronary heart disease with periodontitis. *J Periodontol* **12,** 2322-2330.

Graves, D. (2008) Cytokines that promote periodontal tissue destruction. *J Periodontol* **79** (Suppl), 1585-91.

Graves, D.T., Fine, D., Teng, Y.T., Van Dyke, T.E., Hajishengallis, G. (2008) The use of rodent models to investigate host-bacteria interactions related to periodontal diseases. *J Clin Periodontol* **35,** 89-105.

Karimbux, N., Saraiya, V., Elangovan, S., et al. (2012) Interleukin-1 gene polymorphisms and chronic periodontitis in adult Caucasians: a systematic review and meta-analysis. *Journal of Periodontology* **83,** 1407-1419.

Kishimoto, T., Akira, S., Taga, T. (1992) Interleukin-6 and its receptor: A paradigm for cytokines. *Science* **258,** 593-597.

Kishimoto, T., (2006) Interleukin-6: discovery of a pleiotropic cytokine. *Arthritis Res Ther* **8** (Suppl. 2), S2.

Kobayashi, T., Ito, S., Kuroda ,T. et al. (2007) The interleukin-1and Fcγ receptor gene polymorphisms in Japanese patients with rheumatoid arthritis and periodontitis. *Journal of Periodontology* **78,** 2311-2318.

Κωνσταντινίδης Β. Α. (2003) *Periodontology*

Kornman, K.S. (2008) Mapping the Pathogenesis of Periodontitis: A New Look. *J Periodontol* **79,** 1560-1568.

Kornman, K.S, Crane, A, Wang H.Y., di Giovlne, F.S., Newman, M.G., Pirk, F.W., Wilson, T.G. Jr, Higginbottom, F., Duff G.W. (1997) The interleukin-1 genotype as a severity factor in adult periodontal disease. *Journal of Clinical Periodontology* **24,** 72-77.

Laine, M.L., Loos, B.G., Crielaard, W. (2010) Gene polymorphisms in chronic periodontitis. *Int J Dent* **22** pages

Laine, M.L., Loos, B.G., Crielaard, W. (2012)Genetic susceptibility to periodontitis. *Periodontol* 2000 **58,** 37-68.

Lopez, N., Jara, L., Valenzuela, C. (2005) Association of Interleukin-1 polymorphisms with periodontal disease. *J Periodontol* **76,** 234-243.

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McDevitt, M.J., Wang, H.Y., Knobelman, C., Newman, M.G., di Giovine, F.S., Timms, J., Duff, G.W., Kornman, K.S. (2000) Interleukin-1 genetic association with periodontitis in clinical practice. *Journal of Periodontology* **71,** 156-163.

Michalowics, B.S. (1994) Genetic and heritable risk factors in periodontal disease. *J Periodontol* **65** (Suppl.), 479S-488S.

Moreira, P.R., de Sa A.R., Xavier, G.M., Costa, J.E., Gomez, R.S., Gollob, K.J. and Dutra, W.O. (2005) A functional interleukin-1b gene polymorphism is associated with chronic periodontitis in a sample of Brazilian individuals. *J Periodont Res* **40,** 306-311.

Exploring the genetic basis of chronic periodontitis: a genome-wide association stud Mosley, B. et al. (1987) *J Biol Chem* **262,** 2941.

Nikolopoulos, G.K., Dimou, N.L., Hamodrakas, S.J., Bagos, P.G. (2008) Cytokine gene polymorphisms in periodontal disease: a meta-analysis of 53 studies including 4178 cases and 4590 controls. *J Clin Periodontol;* doi: 10.1111/j.1600-051X.2008.01298.x.

Offenbacher, S., Barros, S.P., Beck, J.D. (2008) Rethinking periodontal inflammation. *J Periodontol* **8** (Suppl.), 1577-1584.

Shao, M.Y., Huang, P., Cheng, R., Hu, T. (2009) Interleukin-6 polymorphisms modify the risk of periodontitis: a systematic review and meta-analysis. *J Zhejiang Univ Sci B* **10,** 920-7.

Shiroddria, S., Smith, J., McKay, I.J., Kennett, C.N. & Hughes, F.J. (2000) Polymorphisms in the IL-1A gene are correlated with levels of interleukin-1A protein in gingival crevicular fluid of teeth with severe periodontal disease. *J Dent Res* **79,** 1864-1869.

Sumer, A.P., Kara, N., Keles, G.C., Gunes, S., Koprulu, H., Bagci, H. (2007) Association of interleukin-10 gene polymorphisms with severe generalized chronic periodontitis. *J Periodontol* **78**, 493-7.

Taylor, J.J., Preshaw, P.M., Donaldson, P.T. (2004) Cytokine gene polymorphisms and immunoregulation in periodontal disease. *Periodontology 2000* **35,**158-182.

Taylor, J.J., Preshaw, P.M., Donaldson, P.T. (2004) Cytokine gene polymorphism and immunoregulation in periodontal disease. *Periodontology 2000* **35,** 158-182.

Trevilatto, P.C., Scarel-Caminaga, R.M., de Brito, R.B.Jr, de Souza, A.P., Line, S.R. (2003) Polymorphism at position -174 of IL-6 gene is associated with susceptibility to chronic periodontitis in a Caucasian Brazilian population. *J Clin Periodontol* **30,** 438-442.

Wagner, J., Kaminski, W.E., Aslanidis, C. et al. (2007) Prevalence of OPG and IL-1 gene polymorphisms in chronic periodontitis. *Journal of Clinical Periodontology* **34**, 823-827.

Zhang, Q., Chen, B., Yan, F., Guo, J., Zhu, X., Ma, S., Yang W. (2004) Interleukin-10 inhibits bone resorption: A potential therapeutic strategy in periodontitis and other bone loss disease.*Gastroenterology* **127,** 792-801.

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