DAFTAR PUSTAKA

Abbas, A.K., Lichtman, A.H. and Pillai, S. (2015) *Cellular and Molecular Immunology 8th Edition*. Philadelphia: Elsevier Saunders.

Al-Zamil, W. and Yassin, S. (2017) 'Recent developments in age-related macular degeneration: a review', *Clinical Interventions in Aging*, Volume 12, pp. 1313–1330. Available at: https://doi.org/10.2147/CIA.S143508.

Ambreen, F., Ismail, M. and Qureshi, I.Z. (2015) 'Association of gene polymorphism with serum levels of inflammatory and angiogenic factors in Pakistani patients with age-related macular degeneration.', *Molecular vision*, 21, pp. 985–99.

Armento, A. *et al.* (2021) 'CFH Loss in Human RPE Cells Leads to Inflammation and Complement System Dysregulation via the NF-κB Pathway', *International Journal of Molecular Sciences*, 22(16), p. 8727. Available at: https://doi.org/10.3390/ijms22168727.

Bourne, R.R.A. *et al.* (2021) 'Causes of blindness and vision impairment in 2020 and trends over 30 years, and prevalence of avoidable blindness in relation to VISION 2020: the Right to Sight: an analysis for the Global Burden of Disease Study', *The Lancet. Global health*, 9(2), pp. e144–e160. Available at: https://doi.org/10.1016/S2214-109X(20)30489-7.

Cheng, S.-C. *et al.* (2019) 'Quercetin Inhibits the Production of IL-1β-Induced Inflammatory Cytokines and Chemokines in ARPE-19 Cells via the MAPK and NF-κB Signaling Pathways', *International Journal of Molecular Sciences*, 20(12), p. 2957. Available at: https://doi.org/10.3390/ijms20122957.

Crusio, W.E., Dong, H. and Radeke, H.H. (2021) *Age-related Macular Degeneration, Advances in Experimental Medicine and Biology*. Edited by E.Y. Chew and A. Swaroop. Cham: Springer International Publishing (Advances in Experimental Medicine and Biology). Available at: https://doi.org/10.1007/978-3-030-66014-7.

Da Cunha, A.P. *et al.* (2018) 'The Hierarchy of Proinflammatory Cytokines in Ocular Inflammation', *Current Eye Research*, 43(4), pp. 553–565. Available at: https://doi.org/10.1080/02713683.2017.1410180.

Droho, S. *et al.* (2021) 'Macrophage-derived interleukin-6 is necessary and sufficient for choroidal angiogenesis', *Scientific Reports*, 11(1), p. 18084. Available at: https://doi.org/10.1038/s41598-021-97522-x.

Ferris, F.L. *et al.* (2013) 'Clinical classification of age-related macular degeneration', *Ophthalmology*, 120(4), pp. 844–851. Available at: https://doi.org/10.1016/J.OPHTHA.2012.10.036.

Fischer, W.H., Jagels, M.A. and Hugli, T.E. (1999) 'Regulation of IL-6 synthesis in human peripheral blood mononuclear cells by C3a and C3a(desArg).', *Journal of immunology (Baltimore, Md. : 1950)*, 162(1), pp. 453–9.

Fleckenstein, M. *et al.* (2021) 'Age-related macular degeneration', *Nature Reviews Disease Primers 2021 7:1*, 7(1), pp. 1–25. Available at: https://doi.org/10.1038/s41572-021-00265-2.

Francisco, S.G. *et al.* (2020) 'Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases', *Nutrients*, 12(9), pp. 1–19. Available at: https://doi.org/10.3390/NU12092862.

García-Layana, A. *et al.* (2017) 'Early and intermediate age-related macular degeneration: Update and clinical review', *Clinical Interventions in Aging*, 12, pp. 1579–1587. Available at: https://doi.org/10.2147/CIA.S142685.

Hsu, H.-Y. and Wen, M.-H. (2002) 'Lipopolysaccharide-mediated Reactive Oxygen Species and Signal Transduction in the Regulation of Interleukin-1 Gene Expression', *Journal of Biological Chemistry*, 277(25), pp. 22131–22139. Available at: https://doi.org/10.1074/jbc.M111883200.

Ishikawa, K., Kannan, R. and Hinton, D.R. (2016) 'Molecular mechanisms of subretinal fibrosis in age-related macular degeneration', *Experimental Eye Research*, 142, pp. 19–25. Available at: https://doi.org/10.1016/j.exer.2015.03.009.

Kaneko, N. *et al.* (2019) 'The role of interleukin-1 in general pathology', *Inflammation and Regeneration 2019 39:1*, 39(1), pp. 1–16. Available at: https://doi.org/10.1186/S41232-019-0101-5.

Kumolosasi, E. *et al.* (2014) 'Kinetics of Intracellular, Extracellular and Production of Pro-Inflammatory Cytokines in Lipopolysaccharide-Stimulated Human Peripheral Blood Mononuclear Cells', *Tropical Journal of Pharmaceutical Research*, 13(4), p. 536. Available at: https://doi.org/10.4314/tjpr.v13i4.8.

Lavalette, S. *et al.* (2011) 'Interleukin-1 Inhibition Prevents Choroidal Neovascularization and Does Not Exacerbate Photoreceptor Degeneration', *Am J Pathol*, 178, pp. 2416–2423. Available at: https://doi.org/10.1016/j.ajpath.2011.01.013.

Lingappan, K. (2018) 'NF-κB in oxidative stress', *Current Opinion in Toxicology*, 7, pp. 81–86. Available at: https://doi.org/10.1016/j.cotox.2017.11.002.

Liu, X. *et al.* (2015) 'IL-1β Induces IL-6 production in retinal Müller cells predominantly through the activation of P38 MAPK/NF-κB signaling pathway', *Experimental Cell Research*, 331(1), pp. 223–231. Available at: https://doi.org/10.1016/j.yexcr.2014.08.040.

Margaryan, S. *et al.* (2020) 'Hypomethylation of IL1RN and NFKB1 genes is linked to the dysbalance in IL1β/IL-1Ra axis in female patients with type 2 diabetes mellitus', *PLOS ONE*, 15(5), p. e0233737. Available at: https://doi.org/10.1371/journal.pone.0233737.

Murphy, K. and Weaver, C. (2017) *Janeway's Immunobiology, 9th edition*. Available at: www.garlandscience.com,.

Nahavandipour, A. *et al.* (2020) 'Systemic levels of interleukin-6 in patients with age-related macular degeneration: a systematic review and meta-analysis',

Acta Ophthalmologica, 98(5), pp. 434–444. Available at: https://doi.org/10.1111/aos.14402.

National Institute for Health and Care Excellence (Great Britain) (no date) *Age-related macular degeneration : diagnosis and management*.

Ngkelo, A. *et al.* (2012) 'LPS induced inflammatory responses in human peripheral blood mononuclear cells is mediated through NOX4 and Giα dependent PI-3kinase signalling', *Journal of Inflammation*, 9(1), p. 1. Available at: https://doi.org/10.1186/1476-9255-9-1.

Obasanmi, G. *et al.* (2023) 'Peripheral Blood Mononuclear Cells from Patients with Type 1 Diabetes and Diabetic Retinopathy Produce Higher Levels of IL-17A, IL-10 and IL-6 and Lower Levels of IFN-γ—A Pilot Study', *Cells*, 12(3), p. 467. Available at: https://doi.org/10.3390/cells12030467.

Pennington, K.L. and DeAngelis, M.M. (2016) 'Epidemiology of age-related macular degeneration (AMD): associations with cardiovascular disease phenotypes and lipid factors', *Eye and Vision*, 3(1). Available at: https://doi.org/10.1186/S40662-016-0063-5.

Ramírez-Pérez, S. *et al.* (2020) 'Downregulation of Inflammatory Cytokine Release from IL-1β and LPS-Stimulated PBMC Orchestrated by ST2825, a MyD88 Dimerisation Inhibitor', *Molecules*, 25(18), p. 4322. Available at: https://doi.org/10.3390/molecules25184322.

Ricci, F. *et al.* (2020) 'Neovascular Age-Related Macular Degeneration: Therapeutic Management and New-Upcoming Approaches', *International journal of molecular sciences*, 21(21), pp. 1–40. Available at: https://doi.org/10.3390/IJMS21218242.

Rider, P. *et al.* (2011) 'IL-1α and IL-1β Recruit Different Myeloid Cells and Promote Different Stages of Sterile Inflammation', *The Journal of Immunology*, 187(9), pp. 4835–4843. Available at: https://doi.org/10.4049/jimmunol.1102048.

Sigalingging, T. *et al.* (2022) 'rs10737680 polymorphism in complement factor H and neovascular age-related macular degeneration in Yogyakarta, Indonesia', *Medical hypothesis discovery and innovation in ophthalmology*, 11(2), pp. 71–76. Available at: https://doi.org/10.51329/mehdiophthal1448.

Spindler, J. *et al.* (2018a) 'Cytokine profiles in the aqueous humor and serum of patients with dry and treated wet age-related macular degeneration', *PLoS ONE*, 13(8). Available at: https://doi.org/10.1371/journal.pone.0203337.

Spindler, J. *et al.* (2018b) 'Cytokine profiles in the aqueous humor and serum of patients with dry and treated wet age-related macular degeneration', *PLOS ONE*, 13(8), p. e0203337. Available at: https://doi.org/10.1371/journal.pone.0203337.

Stoffels, M. *et al.* (2015) 'ATP-Induced IL-1Î² Specific Secretion: True Under Stringent Conditions', *Frontiers in Immunology*, 6. Available at: https://doi.org/10.3389/fimmu.2015.00054.

Supanji *et al.* (2021) 'The Circulating Level of IL-1β in Patients with Age-related Macular Degeneration (AMD) in Yogyakarta: Characteristics to Disease Activity', in. Available at: https://doi.org/10.2991/absr.k.210621.073.

Tan, W. *et al.* (2020a) 'The Role of Inflammation in Age-Related Macular Degeneration', *International journal of biological sciences*, 16(15), pp. 2989–3001. Available at: https://doi.org/10.7150/IJBS.49890.

Tan, W. *et al.* (2020b) 'The role of inflammation in age-related macular degeneration', *International Journal of Biological Sciences*. Ivyspring International Publisher, pp. 2989–3001. Available at: https://doi.org/10.7150/ijbs.49890.

Thomas, C.J., Mirza, R.G. and Gill, M.K. (2021) 'Age-Related Macular Degeneration', *The Medical clinics of North America*, 105(3), pp. 473–491. Available at: https://doi.org/10.1016/J.MCNA.2021.01.003.

Tucureanu, M.M. *et al.* (2017) 'Lipopolysaccharide-induced inflammation in monocytes/macrophages is blocked by liposomal delivery of G_i-protein inhibitor', *International Journal of Nanomedicine*, Volume 13, pp. 63–76. Available at: https://doi.org/10.2147/IJN.S150918.

Wong, W.L. *et al.* (2014) 'Global prevalence of age-related macular degeneration and disease burden projection for 2020 and 2040: A systematic review and meta-analysis', *The Lancet Global Health*, 2(2). Available at: https://doi.org/10.1016/S2214-109X(13)70145-1.

Wooff, Y. *et al.* (2019) 'IL-1 Family Members Mediate Cell Death, Inflammation and Angiogenesis in Retinal Degenerative Diseases', *Frontiers in Immunology*, 10. Available at: https://doi.org/10.3389/fimmu.2019.01618.

Yang, J.Y., Goldberg, D. and Sobrin, L. (2023) 'Interleukin-6 and Macular Edema: A Review of Outcomes with Inhibition', *International Journal of Molecular Sciences*, 24(5). Available at: https://doi.org/10.3390/IJMS24054676.

Zarbin, M.A. (2004) 'Current concepts in the pathogenesis of age-related macular degeneration', *Archives of ophthalmology (Chicago, Ill. : 1960)*, 122(4), pp. 598–614. Available at: https://doi.org/10.1001/ARCHOPHT.122.4.598.

Zhang, X. and Sivaprasad, S. (2021) 'Drusen and pachydrusen: the definition, pathogenesis, and clinical significance', *Eye (London, England)*, 35(1), pp. 121–133. Available at: https://doi.org/10.1038/S41433-020-01265-4.

Zhao, M. *et al.* (2015) 'Interleukin-1β Level Is Increased in Vitreous of Patients with Neovascular Age-Related Macular Degeneration (nAMD) and Polypoidal Choroidal Vasculopathy (PCV)', *PLOS ONE*, 10(5), p. e0125150. Available at: https://doi.org/10.1371/JOURNAL.PONE.0125150.