DAFTAR PUSTAKA

Araujo, J. A. (2010). Air particulate pollutants, systemic oxidative stress and atherosclerosis. *Clinica e Investigacion En Arteriosclerosis*, *22*(SUPPL.2), 28–32. https://doi.org/10.1016/S0214-9168(10)70033-4

Cho, J. G., Lee, A., Chang, W., Lee, M. S., & Kim, J. (2018). Endothelial to mesenchymal transition represents a key link in the interaction between inflammation and endothelial dysfunction. *Frontiers in Immunology*, *9*(FEB), 3–5. https://doi.org/10.3389/fimmu.2018.00294

Choi, Y. S., Youn, H. J., Youn, J. S., Park, C. S., Oh, Y. S., & Chung, W. S. (2009). Measurement of the Intimal Thickness of the Carotid Artery: Comparison Between 40 MHz Ultrasound and Histology in Rats. *Ultrasound in Medicine and Biology*, *35*(6), 962–966. https://doi.org/10.1016/j.ultrasmedbio.2008.12.004

Frangogiannis, N. G. (2017). The role of transforming growth factor (TGF)-β in the infarcted myocardium. *Journal of Thoracic Disease*, *9*(Suppl 1), S52–S63. https://doi.org/10.21037/jtd.2016.11.19

Hamanaka, R. B., & Mutlu, G. M. (2018). Particulate Matter Air Pollution: Effects on the Cardiovascular System. *Frontiers in Endocrinology*, *9*(November), 1–15. https://doi.org/10.3389/fendo.2018.00680

Hao, Y. M., Yuan, H. Q., Ren, Z., Qu, S. L., Liu, L. S., Dang-HengWei, … Jiang, Z. S. (2019). Endothelial to mesenchymal transition in atherosclerotic vascular remodeling. *Clinica Chimica Acta*, *490*(September 2018), 34–38. https://doi.org/10.1016/j.cca.2018.12.018

Ho, E., Karimi Galougahi, K., Liu, C. C., Bhindi, R., & Figtree, G. A. (2013). Biological markers of oxidative stress: Applications to cardiovascular research and practice. *Redox Biology*, *1*(1), 483–491. https://doi.org/10.1016/j.redox.2013.07.006

Kelly, F. J., & Fussell, J. C. (2017). Role of oxidative stress in cardiovascular disease outcomes following exposure to ambient air pollution. *Free Radical Biology and Medicine*, *110*, 345–367. https://doi.org/10.1016/j.freeradbiomed.2017.06.019

Kim, J. Y., Park, K. H., Kim, S. M., Lee, E. Y., Kim, S. H., & Cho, K. H. (2015). Particulate matter2.5 (PM2.5) exacerbates atherosclerosis and cellular senescence via aggregation and proteolytic degradation of serum lipoproteins. *Atherosclerosis*, *241*(1), e94. https://doi.org/10.1016/j.atherosclerosis.2015.04.327

Kirrane, E. F., Luben, T. J., Benson, A., Owens, E. O., Sacks, J. D., Dutton, S. J., … Nichols, J. L. (2019). A systematic review of cardiovascular responses

associated with ambient black carbon and fine particulate matter. *Environment International*, *127*(February), 305–316. https://doi.org/10.1016/j.envint.2019.02.027

Kovacic, J. C., Dimmeler, S., Harvey, R. P., Finkel, T., Aikawa, E., Krenning, G., & Baker, A. H. (2019). Endothelial to Mesenchymal Transition in Cardiovascular Disease: JACC State-of-the-Art Review. *Journal of the American College of Cardiology*, *73*(2), 190–209. https://doi.org/10.1016/j.jacc.2018.09.089

Lawal, A. O. (2017). Air particulate matter induced oxidative stress and inflammation in cardiovascular disease and atherosclerosis: The role of Nrf2 and AhR-mediated pathways. *Toxicology Letters*, *270*, 88–95. https://doi.org/10.1016/j.toxlet.2017.01.017

Lebrin, F., Deckers, M., Bertolino, P., & Ten Dijke, P. (2005). TGF-β receptor function in the endothelium. *Cardiovascular Research*, *65*(3), 599–608. https://doi.org/10.1016/j.cardiores.2004.10.036

Lifshitz, V., & Frenkel, D. (2013). Tgf-B. *Handbook of Biologically Active Peptides*, 1647–1653. https://doi.org/10.1016/B978-0-12-385095-9.00225-6

Low, E. L., Baker, A. H., & Bradshaw, A. C. (2019). TGFβ smooth muscle cells and coronary artery disease: a review. *Cellular Signalling*, *53*(September 2018), 90–101. https://doi.org/10.1016/j.cellsig.2018.09.004

Miri, M., Alahabadi, A., Ehrampush, M. H., Rad, A., Lotfi, M. H., Sheikhha, M. H., & Sakhvidi, M. J. Z. (2018). Mortality and morbidity due to exposure to ambient particulate matter. *Ecotoxicology and Environmental Safety*, *165*(July), 307–313. https://doi.org/10.1016/j.ecoenv.2018.09.012

Münzel, T., Gori, T., Al-Kindi, S., Deanfield, J., Lelieveld, J., Daiber, A., & Rajagopalan, S. (2018). Effects of gaseous and solid constituents of air pollution on endothelial function. *European Heart Journal*, *39*(38), 3543–3550. https://doi.org/10.1093/eurheartj/ehy481

Nelin, T. D., Joseph, A. M., Gorr, M. W., & Wold, L. E. (2012). Direct and indirect effects of particulate matter on the cardiovascular system. *Toxicology Letters*, *208*(3), 293–299. https://doi.org/10.1016/j.toxlet.2011.11.008

Paridah, M. ., Moradbak, A., Mohamed, A. ., Owolabi, F. abdulwahab taiwo, Asniza, M., & Abdul Khalid, S. H. . (2016). We are IntechOpen , the world ' s leading publisher of Open Access books Built by scientists , for scientists TOP 1 %. *Intech*, *i*(tourism), 13. https://doi.org/http://dx.doi.org/10.5772/57353

Peixoto, M. S., de Oliveira Galvão, M. F., & Batistuzzo de Medeiros, S. R. (2017). Cell death pathways of particulate matter toxicity. *Chemosphere*, *188*, 32–48. https://doi.org/10.1016/j.chemosphere.2017.08.076

Pope, C. A. (2000). Epidemiology of fine particulate air pollution and human health: Biologic mechanisms and who's at risk? *Environmental Health Perspectives*, *108*(SUPPL. 4), 713–723. https://doi.org/10.2307/3454408

Ribeiro, J. de P., Kalb, A. C., Campos, P. P., Cruz, A. R. H. D. La, Martinez, P. E., Gioda, A., … Gioda, C. R. (2016). Toxicological effects of particulate matter (PM 2.5) on rats: Bioaccumulation, antioxidant alterations, lipid damage, and ABC transporter activity. *Chemosphere*, *163*, 569–577. https://doi.org/10.1016/j.chemosphere.2016.07.094

Sena, C. M., Carrilho, F., & Seiça, R. M. (2018). Endothelial Dysfunction in Type 2 Diabetes: Targeting Inflammation. *Endothelial Dysfunction - Old Concepts and New Challenges*. https://doi.org/10.5772/intechopen.76994

Singh, N. N., & Ramji, D. P. (2006). The role of transforming growth factor-β in atherosclerosis. *Cytokine and Growth Factor Reviews*, *17*(6), 487–499. https://doi.org/10.1016/j.cytogfr.2006.09.002

Siti, H. N., Kamisah, Y., & Kamsiah, J. (2015). The role of oxidative stress, antioxidants and vascular inflammation in cardiovascular disease (a review). *Vascular Pharmacology*, *71*, 40–56. https://doi.org/10.1016/j.vph.2015.03.005

Smiljic, S. (2017). The clinical significance of endocardial endothelial dysfunction. *Medicina (Lithuania)*, *53*(5), 295–302. https://doi.org/10.1016/j.medici.2017.08.003

Tanaka, L. Y., & Laurindo, F. R. M. (2017). Vascular remodeling: A redox-modulated mechanism of vessel caliber regulation. *Free Radical Biology and Medicine*, *109*, 11–21. https://doi.org/10.1016/j.freeradbiomed.2017.01.025

Tsoupras, A., Lordan, R., & Zabetakis, I. (2019). Inflammation and Cardiovascular Diseases. In *The Impact of Nutrition and Statins on Cardiovascular Diseases*. https://doi.org/10.1016/B978-0-12-813792-5.00003-3

Wang, G., Jiang, R., Zhao, Z., & Song, W. (2013). Effects of ozone and fine particulate matter (PM2.5) on rat system inflammation and cardiac function. *Toxicology Letters*, *217*(1), 23–33. https://doi.org/10.1016/j.toxlet.2012.11.009

Widjiati, Madyawati, S. P., Achmad, A. B., Rimayanti (2015). Terapi Sel Punca Mesenkimal Sumsum Tulang Tikus dalam Meregenerasi Sel Sitotrofoblas Nekrosis yang Dipapar Carbon Black (RAT BONE MARROW