

## DAFTAR PUSTAKA

- Abbas, A.K., Lichtman, A.H. and Pillai, S., 2013, *Cellular and Molecular Immunology*, 7th edn, Elsevier, Philadelphia, 12-15, 329-333, 619.
- Akbar, B., 2010, Tumbuhan Dengan Senyawa Aktif Yang Berpotensi Sebagai Bahan Antifertilitas, 1st edn, Adabia Press, Jakarta, 10-12.
- Blaser, H. *et al.*, 2015, ‘Review TNF and ROS Crosstalk in Inflammation’, 1–13.
- Dahlan, M. S., 2014, Statistik untuk Kedokteran dan Kesehatan: Deskriptif, Bivariat, dan Multivariat, 6th edn, Salemba Medika, Jakarta, 7, 12.
- Dolinsky, V. W. and Dyck, J. R. B., 2011, ‘Calorie restriction and resveratrol in cardiovascular health and disease’, *Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease*, Elsevier B.V., 1477–1489.
- Elmarakby, A. A. and Sullivan, J. C., 2012, ‘Relationship between oxidative stress and inflammatory cytokines in diabetic nephropathy’, *Cardiovascular Therapeutics*, 49–59.
- Esser, N. *et al.*, 2014, ‘Inflammation as a link between obesity, metabolic syndrome and type 2 diabetes’, *Diabetes Research and Clinical Practice*, 141–150.
- Francés, D. E. *et al.*, 2013, ‘Diabetes, an inflammatory process: Oxidative Stress and TNF-alpha involved in hepatic complication’, *Journal of Biomedical Science and Engineering*, 645–653.
- Gomez-Delgado, F. *et al.*, 2014, ‘Polymorphism at the TNF-alpha gene interacts with Mediterranean diet to influence triglyceride metabolism and inflammation status in metabolic syndrome patients: From the CORDIOPREV clinical trial’, *Molecular Nutrition and Food Research*, 1519–1527.
- Guyton, A. C. and Hall, J., 2011, *Guyton and Hall Textbook of Medical Physiology*, 12th edn, Elsevier Saunders, Philadelphia.
- Halberg, N., Wernstedt-Asterholm, I. and Scherer, P. E., 2008, ‘The Adipocyte as an Endocrine Cell’, *Endocrinology and Metabolism Clinics of North America*, 753–768.
- Handajani, A., Roosihermiatie, B. and Maryani, H., 2010, ‘Faktor-faktor yang Berhubungan dengan Pola Kematian Pada Penyakit Degeneratif di Indonesia’, *Buletin Penelitian Sistem Kesehatan*, 42–53.
- Harris, R. E., 2013, ‘Global Epidemiology of Chronic Diseases: The Epidemiologic Transition’, *Epidemiology of Chronic Disease*, 1–24.

- Karamese, M. *et al.*, 2016, ‘Anti-oxidant and anti-inflammatory effects of apigenin in a rat model of sepsis: an immunological, biochemical, and histopathological study’, *Immunopharmacology and Immunotoxicology*, 228–237.
- Kemenkes RI, 2013, ‘Riset Kesehatan Dasar 2013’, *Ministry of Health Republic of Indonesia*, 1–303.
- Kresno, S. B., 2011, *Imunologi : Diagnosis dan Prosedur Laboratorium*, 5th edn, Badan Penerbit FKUI, Jakarta.
- Levay, E. A. *et al.*, 2010, ‘Calorie restriction at increasing levels leads to augmented concentrations of corticosterone and decreasing concentrations of testosterone in rats’, *Nutrition Research*, Elsevier Inc, 366–373.
- Lee, S. H. and Min, K. J., 2013, ‘Caloric restriction and its mimetics’, *BMB Reports*, 181–187.
- Loncarevic-Vasiljkovic, N. *et al.*, 2012, ‘Caloric restriction suppresses microglial activation and prevents neuroapoptosis following cortical injury in rats.’, *PloS one*, 1–9.
- Mileva, G. R. *et al.*, 2017, ‘Corticosterone and immune cytokine characterization following environmental manipulation in female WKY rats’, *Behavioural Brain Research*, Elsevier B.V., 197–204.
- Ohashi, K. *et al.*, 2014, ‘Role of anti-inflammatory adipokines in obesity-related diseases’, *Trends in Endocrinology and Metabolism*, Elsevier Ltd, 348–355.
- Pawelec, G., Goldeck, D. and Derhovanessian, E., 2014, ‘Science Direct Inflammation, ageing and chronic disease’, *Current opinion in immunology*, Elsevier Ltd, 23–28.
- Petrovas, C., Daskas, S. M. and Lianidou, E. S., 1999, ‘Determination of Tumor Necrosis Factor-  $\alpha$  ( TNF-  $\alpha$  ) in Serum by a Highly Sensitive Enzyme Amplified Lanthanide Luminescence Immunoassay’, 241–247.
- Rodondi, N. *et al.*, 2010, ‘Markers of atherosclerosis and inflammation for prediction of coronary heart disease in older adults’, *American Journal of Epidemiology*, 540–549.
- Sánchez, A., Calpena, A. C. and Clares, B., 2015, ‘Evaluating the oxidative stress in inflammation: Role of melatonin’, *International Journal of Molecular Sciences*, 16981–17004.
- Schaible, U. E. and Kaufmann, S. H. E., 2007, ‘Malnutrition and infection: Complex mechanisms and global impacts’, *PLoS Medicine*, 0806–0812.

- Speakman, J. R. and Mitchell, S. E., 2011, ‘*Caloric restriction*’, *Molecular Aspects of Medicine*, Elsevier Ltd., 159–221.
- Steyers, C. M. and Miller, F. J., 2014, ‘*Endothelial dysfunction in chronic inflammatory diseases*’, *International Journal of Molecular Sciences*, 11324–11349.
- Tortora, G. J. and Derrickson, B., 2014, *Principles of Anatomy and Physiology*, 14th edn, Wiley, United States.
- Trepanowski, J. F. et al., 2011, ‘*Impact of caloric and dietary restriction regimens on markers of health and longevity in humans and animals: a summary of available findings*’, *Nutrition Journal*, 107.
- Wolkow, A. et al., 2015, ‘*Relationships between inflammatory cytokine and cortisol responses in firefighters exposed to simulated wildfire suppression work and sleep restriction*’, *Physiological Reports*.
- Wu, P. et al., 2016, ‘*Serum TNF- $\alpha$ , GTH and MDA of high-fat diet-induced obesity and obesity resistant rats*’, *Saudi Pharmaceutical Journal*, King Saud University, 333–336.
- Walsh, M. E., Shi, Y. and Van Remmen, H., 2014, ‘*The effects of dietary restriction on oxidative stress in rodents.*’, *Free radical biology & medicine*, Elsevier, 88–99.
- WHO, 2014, ‘*Country Profiles 2014*’, *World Health Organisation*, 1–210.
- Willcox, D. C. et al., 2009, ‘*The Okinawan diet: health implications of a low-calorie, nutrient-dense, antioxidant-rich dietary pattern low in glycemic load*’, *Journal of the American College of Nutrition*, 500–516.
- World Health Organization, 2005, ‘*a Vital Investment*’, *World Health*, 202.
- Ye, J. and Keller, J. N., 2010, ‘*Regulation of energy metabolism by inflammation: A feedback response in obesity and calorie restriction*’, *Aging*, 361–368.