

DAFTAR PUSTAKA

- Abbak, M. and Ulutas, P.A. 2017. Acute Phase Protein Levels in Rats With Experimentally Induce Infectious and Non Infectious Inflammation. *Journal of Dairy and Veterinary Science*, 2017; 4 (4)
- Akbarzadeh, A., Norouzian, D. Mehrabi, M.R., Jamshidi, Sh., Farhangi, A., Verdi, A., Mofidian, S.M.A., and Rad, L. 2007. Induction of Diabetes by Streptozotocin in Rats. *Indian Journal of Clinical Biochemistry* 22 (2): 60 – 64
- Alexandru, I. 2011. Experimental Use of Animals in Research spa. *Balneo Research Journal Vol. 2 No. 1*: 65-66
- Alhabbab, R.W. 2018. *Basic Serological Testing : Techniques in Life Science and Biomedicine for The Non-Expert*. Switzerland : Springer. 82-92
- Andrikopoulus, S., Blair, A.R., Deluca, N., Fam, B.C., and Proietto, J. 2008. Evaluating The Glucose Tolerance Test in Mice. *Am J Physiol Metab* 295: E1323-E1332
- Anonim. 2017. *Instructional Manual : Rat hs_CRP (High Sensitivity C-Reactive Protein) ELISA Kit*. China : Wuhan Fine Biological Technology
- Anwer, T. 2014. Melatonin Ameliorates Hyperinsulinemia, Glucose Intolerance and Insulin Resistance in STZ-Nicotinamide Induced Type-2 Diabetic Rats. *International Journal of Pharmacy and Pharmaceutical Sciences* 6(2):133-136
- Arora, S., Ojha, K., and Vohora, D. 2009. Characterisation of Streptozotocin Induced Diabetes Mellitus in Swiss Albino Mice. *Global Journal of Pharmacology* 3(2): 81-84.
- Barnes PJ. 2010. Chronic Obstructive Pulmonary Disease: Effects beyond the Lungs. *PLoS Med* 7:1-4
- Baynest, H.W. 2015. Classification, Pathophysiology, Diagnosis and Management of Diabetes Mellitus. *J Diabetes Metab Vol. 6* : 5
- Black, S., Kushner, I., and Samols, D. 2004. C-Reactive Protein. *Journal of Biological Chemistry* 279, 48487-48490
- Boster. 2018. *ELISA Handbook*. Pleasanton : Boster Biological Technology. 3-5

- Candy, Sapan, H.B., Kalesaran, L.T.B., dan Kalitouw, F. 2017. Besaran Neutrofil dan Kadar C-reactive Protein sebagai Faktor Prognostik Multi Organ Failure pada pasien Multi-trauma. *Jurnal Biomedik Volume 9, No. 3 hlm. 184-190*
- Crowther, J.R. 2001. *The Elisa Guidebook*. New York: Humana Press.4
- Dahl, M., Vestbo, J., Lange, P., Bojesen, S.E., Hansen, A.T., and Nordestgaard, B.G. 2007. C- Reactive Protein As A Predictor Of Prognosis In Chronic Obstructive Pulmonary Disease. *Am J Respir Crit Care Med. 175: 250–5*
- Eleazu, C.O., Eleazu, K.C., Chukwuma, S., and Essien, U.N. 2013. Review of The Mechanism of Cell Death Resulting from Streptozotocin Challenge in Experimental Animals, Its Practical Use and Potential Risk to Humans. *Journal of Diabetes & Metabolic Disorders 12 : 60*
- Eming, S.A., Krieg, T., and Davidson, J.M. 2007. Inflammation in Wound Repair: Molecular and Cellular Mechanisms. *J Invest Dermatol Vol. 127 : 514-525*
- Etuk, E.U. 2010. Animal Models for Studying Diabetes Mellitus. *Agriculture and Biology Journal of North America 1(2) : 130-134*
- Gan, S.D. and Patel, K.R. 2013. Enzyme Immunoassay and Enzyme-Linked Immunosorbent Assay. *Journal of Investigative Dermatology Vol. 133:1-3*
- Ghezzi, A.C., Cambri, L.T., Botezelli, J.D., Dalia, R.A. and Mello, M.A.R. 2012. Metabolic Syndrome Markers in Wistar Rats of Different Ages. *Diabetology and Metabolic Syndrome 2012 vol. 4 No. 16 : 1-7*
- Goud, B.J., Dwarakanath, V., and Swamy, B.K.C. 2015. Streptozotocin-A Diabetogenic Agent in Animals Models. *International Journal of Pharmacy & Pharmaceutical Research Vol.3 (1) : 253-269*
- Graham, M.L., Janecek, J.L., Kittredge, J.A., Hering, B.J., and Schuurman, H.J. 2011. The Streptozotocin-Induced Diabetic Nude Mouse Model : Differences between Animals from Different Sources. *Comparative Medicine Vo. 61 No. 4 : 356-360*
- Guyton, A.C. and Hall, J.E. 2006. *Textbook of Medical Physiology*. Philadelphia : Elsevier Saunders. 972-975
- Hikmah, N., Shita, A.D.P., and Maulana, H. 2015. Rat Diabetic Blood Glucose Level Profile with Stratified Dose Streptozotocin (SD-STZ) and Multi Low Dose Streptozotocin (MLD-STZ) Induction Methods. *The Journal of Tropical Life Science Vol. 5 No. 1: 30-34*

- Jain, S., Gautam, V., and Naseem, S. 2011. Acute-phase Protein : As Diagnostic Tool. *J Pharm Bioallied Sci* 2011 Jan-Mar, 3(1) :118-127
- Kementrian Kesehatan RI. 2014. *Info Datin : Pusat Data dan Informasi Kesehatan RI, Situasi dan Analisis Diabetes*. Jakarta :Pusat Data dan Informasi. 2- 4
- Markey, B.K., Leonard, F.C., Archambault, M., Cullinane, A., and Maguire, D. 2013. *Clinical Veterinary Microbiology Second Edition*. London : Elsevier. 53-55
- Nagarchi, K., Ahmed, S., Sabus, A., and Saheb, S.H. 2015. Effect of Streptozotocin on Glucose levels in Albino Wister Rats. *Journal of Pharmaceutical Sciences and Research Vol. 7(2): 67-69*
- Pepys, M.B. and Hirschfield, G.M. 2003. C-reactive protein: a critical update. *J. Clin. Invest*;111:1805–12
- Riaz, S. 2015. Study of Protein Biomarkers of Diabetes Mellitus Type 2 and Therapy with Vitamin B1. *Journal of Diabetes Research : 1-5*
- Rosyadi, I., Ramadhona, E., Utami, A.T., Hijrati, Y.N., dan Santosa, C.M. 2018. Analisis Kadar Fibrinogen sebagai Biomarker Diabetik pada Tikus Wistar yang Diinduksi Streptozotocin. *ARSHI Vet Lett Vol. 2 (1): 3-4*
- Salini, V., Saggini, A., Maccauro, G., Caraffa, A., Shaik-Dasthagirisaheb, Y.B., and Conti, P. 2011. Inflammatory Markers : Serum Amyloid A, Fibrinogen, and C-Reactive Protein – A Revisited Study. *European Journal of Inflammation Vol.9 No. 2, 95-102*
- Sarwono, J. dan Salim, H.N. 2017. *Prosedur-prosedur Populer Statistik untuk Analisis Data Riset Skripsi*. Yogyakarta : Penerbit Gava Media. 74-85
- Sengupta, P. 2013. The Laboratory Rat : Relating Its Age with Human's. *International Journal Preventive Medicine* 4 (6): 624-630
- Silbernagl, S. and Lang, F. 2016. *Color Atlas of Pathophysiology 3rd Edition*. New York : Thieme Publishing. 312- 319
- Smith, J.B. dan Mangkoewidjojo, S. 1988. *Pemeliharaan, Pembiakan dan Penggunaan Hewan Percobaan di Daerah Tropis*. Jakarta : Universitas Indonesia Press. 30
- Tillet, W.S. and Francis, T.J. 1930. Serological Reactions in Pneumonia With a Non-Protein Somatic Fraction of Pneumococcus. *J. Exp. Med* 52 : 561-585

- Vazquez, E.G., Martinez, J.A., Mensa, J., Sanchez, F., Marcos, M.A., and Torres, A. 2003. C-Reactive Protein Levels in Community-acquired Pneumonia. *European Respiratory Journal* 21 : 702-705
- Volanakis, J.E. and Kaplan, M.H. 1971. Specificity of C-Reactive Protein for Choline Phosphate Residues of Pneumococcal C-Polysaccharide. *Proceeding Soc. Exp. Biol. Med* 136 : 612-614
- WHO. 2016. Global Report of Diabetes. Prancis : WHO Library Cataloguing-in-Publication Data. 20-30
- Young, B., Gleeson, M., and Cripps, A.W. 1991. C-Reactive Protein : A Critical Review. *Journal Pathology* 23 : 118-124