

## DAFTAR PUSTAKA

- Abascal, K., & Yarnell, E. (2005). Using bitter melon to treat diabetes. *Journal of Alternative and Complementary Medicine*, 1:179-184.
- American Diabetes Association. (2016). Cardiovascular disease and risk management. *Diabetes Care*, 39(1):60-71.
- Anilakumar, K. R., Kumar, G. P., & Ilaiyaraaja, N. (2015). Nutritional, pharmacological and medicinal properties of *Momordica charantia*. *International Journal of Nutrition and Food Sciences*, 4(1):75-83.
- Austin Community College. (2021). *Blood Agar*. Retrieved from Austin Community College: [https://www.austincc.edu/microbugz/blood\\_agar\\_test.php](https://www.austincc.edu/microbugz/blood_agar_test.php) (14 Agustus 2021).
- Bakare, R. I., Magbagbeola, O. A., Akinwade, A. I., & Okunowo, O. W. (2010). Nutritional and chemical evaluation of *Momordica charantia*. *Journal of Medicinal Plants Research*, 4(21):2189-2193.
- Biglu, M. H., Ghavami, M., & Biglu, S. (2016). Cardiovascular diseases in the mirror of science. *Journal of Cardiovascular and Thoracic Research*, 8(4):158-163.
- Bijak, M., Saluk, J., Szelenberger, R., & Nowak, P. (2016). Popular naturally occurring antioxidants as potential anticoagulant drugs. *Chemico-Biological Interactions*, 257, 35–45.
- Cera, E. D. (2009). Serine protease. *International Union of Biochemistry and Molecular Biology Life*, 61(5):510-515.
- Chang, S. S., Lee, V. S. Y., Tseng, Y. L., Chang, K. C., Chen, K. B., Chen, Y. L., & Li, C. Y. (2012). Gallic acid attenuates platelet activation and platelet-leukocyte aggregation: involving pathways of akt and GSK3 $\beta$ . *Evidence-Based Complementary and Alternative Medicine*, 2012:1-8.
- Dhanasekar, S. & Sorimuthu, S. (2005). Antioxidant properties of *Momordica Charantia* (bitter gourd) seeds on Streptozotocin induced diabetic rats. *Asia Pacific Journal of Clinical Nutrition*, 14(2):153-158.
- Eikelboom, J. W., Hirsh, J., Spencer, F. A., Baglin, T. P., & Weitz, J. I. (2012). Antithrombotic therapy and prevention of thrombosis, 9<sup>th</sup> ed: American college of chest physicians evidence-based clinical practice guidelines. *Chest*, 141(2):89-119.
- Fernandes, F., & Salgado, H. (2016). Gallic acid: review of the methods of determination and quantification. *Critical Reviews in Analytical Chemistry*, 46:257–265.
- Flemmig, M., & Melzig, M. F. (2012). Serine-proteases. As plasminogen activators in terms of fibrinolysis. *Journal of Pharmacy and Pharmacology*, 64(8):1025-1039.

- Goldhaber, S. Z., & Corranti, N. G. (2002). Treatment of blood clots. *Circulation*, 106(20):138-140.
- Groux, M. (1973). Chemical alterations of heat treated concentrated skim milk. *Journal of Dairy Science*, 57(2):153-155.
- Harter, K., Levine, M., & Henderson, S. O. (2015). Anticoagulation drug therapy: a review. *The Western Journal of Emergency Medicine*, 16(1):11-17.
- Hedstrom, L. (2002). Serine protease mechanism and specificity. *Chemical Reviews*, 102(12):4501-4524.
- Hooper, N. M., Walsh, P. N., & Ahmad, S. S. (2002). Proteases in blood clotting. *Essays Biochem*, 38:95-111.
- Horax, R., Hettiarachchy, N., & Islam, S. (2005). Total phenolic contents and phenolic acid constituents in 4 varieties of bitter melons (*Momordica Charantia*) and antioxidant activities of their extracts. *Journal of food science*, 70(4):275-280.
- Jilani, T. N., & Siddiqui, A. H. (2021). *Tissue Plasminogen Activator*. Retrieved from National Center for Biotechnology Information: <https://www.ncbi.nlm.nih.gov/books/NBK507917/> (21 Juli 2021).
- Kaviya, S., Sebastian, M. D. A., & Sudarsanam, D. (2017). A preliminary study of the proteases from *Momordica charantia* (bitter gourd) and *Vicia faba* (broad beans) seeds. *International Journal of Current Research*, 9(12): 63066-63069.
- Kumar, A., Lodha, S., & Dwiwedi, P. (2015). Production of serine protease inhibitors from *Momordica dioica* cell cultures. *Indo Global Journal of Pharmaceutical Sciences*, 5(2):124-128.
- Lee, S. Y., Eom, S. H., Kim, Y. K., Park, N. I., & Park, S. U. (2009). Cucurbitane-type triterpenoids in *Momordica charantia*. *Journal of Medicinal Plants Research*, 3(13):1264-1269.
- Lijnen, H. R., & Collen, D. (1995). Fibrinolytic agents: mechanisms of activity and pharmacology. *Thrombosis and Haemostasis*, 74(1):387-390.
- Mican, J., Toul, M., Bednar, D., & Damborsky, J. (2019). Structural biology and protein engineering of thrombolytics. *Computational and Structural Biotechnology Journal*, 17:917-938.
- Pallister, C. J., & Watson, M. S. (2010). *Haematology*. Scion Publishing. pp. 336–347. ISBN 978-1-904842-39-2.
- Sacks, F. M., Lichtenstein, A. H., Wu, J. H., Appel, L. J., Creager, M. A., Kris-Etherton, P. M., Miller, M., Rimm, E. B., Rudel, L. L., & Robinson, J. G. (2017). Dietary fats and cardiovascular disease: a presidential advisory from the American Heart Association. *Circulation*, 136:1-23.

- Selvarajan, E. & Bhatnagar, N. (2017). Nattokinase: An updated critical review on challenges and perspectives. *Cardiovascular & Hematological Agents in Medicinal Chemistry*, 15(1):1-8.
- Snee, L. S., Nerurkar, V. R., Dooley, D. A., Efird, J. T., Shovic, A. C., & Nerurkar, P. V. (2011). Strategies to improve palatability and increase consumption intentions for *Momordica charantia* (bitter melon): A vegetable commonly used for diabetes management. *Nutrition Journal*, 10:78.
- United Kingdom National Health Service. (2018). *Cardiovascular disease*. Retrieved from Agency for Healthcare Research and Quality: <https://www.nhs.uk/conditions/cardiovascular-disease/> (20 Januari 2021).
- United Kingdom National Health Service. (2018). *Your guide to preventing and treating blood clots*. Retrieved from Agency for Healthcare Research and Quality: <https://www.ahrq.gov/patients-consumers/prevention/disease/blood-clots.html> (20 Januari 2021).
- University of Wyoming. (2021). *Blood Agar Plates (BAP)*. Retrieved from University of Wyoming: [http://www.uwyo.edu/molb2021/additional\\_info/summ\\_biochem/bap.html](http://www.uwyo.edu/molb2021/additional_info/summ_biochem/bap.html) (15 Agustus 2021).
- U.S. Department of Health & Human Services. (2017). *Understand your risk for excessive blood clotting*. Retrieved from U.S. Department of Health & Human Services: <https://www.heart.org/en/health-topics/venous-thromboembolism/understand-your-risk-for-excessive-blood-clotting> (20 Januari 2021).
- Wang, L., Wang, M., Li, Q., Cai, T., & Jiang, W. (2007). Partial properties of an aspartic protease in bitter gourd (*Momordica charantia* L.) fruit and its activation by heating. *Food Chemistry*, 108:496-502.
- Zohra, M. & Fawzia, A. (2014). Hemolytic activity of different herbal extracts used in Algeria. *International Journal of Pharma Sciences and Research*, 5(8):495-500.