

REFERENCES

- Agrawal, S., & Paridhavi, M. (2012). *Herbal drug technology*. Hyderabad (India): Universities Press.
- Altemimi, A., Lakhssassi, N., Baharlouei, A., Watson, D., & Lightfoot, D. (2017). Phytochemicals: Extraction, Isolation, and Identification of Bioactive Compounds from Plant Extracts. *Plants*, 6(4), 42.
- Azmir, J., Zaidul, I., Rahman, M., Sharif, K., Mohamed, A., Sahena, F., . . . Omar, A. (2013). Techniques for extraction of bioactive compounds from plant materials: A review. *Journal of Food Engineering*, 117(4), 426-436.
- Azwanida, N. N. (2015). A Review on the Extraction Methods Use in Medicinal Plants, Principle, Strength and Limitation. *Medicinal & Aromatic Plants*, 04(03).
- Banerjee, S., Biswas, S., Chanda, A., Das, A., & Adhikari, A. (2014). Evaluation of phytochemical screening and anti-inflammatory activity of leaves and stem of Mikania scandens (L.) wild. *Annals Of Medical And Health Sciences Research*, 4(4), 532.
- Benzie, I., & Wachtel-Galor, S. (2011). *Herbal medicine*. Boca Raton: CRC Press.
- Borzova, V., Markossian, K., Chebotareva, N., Kleymenov, S., Poliansky, N., & Muranov, K. et al. (2016). Kinetics of Thermal Denaturation and Aggregation of Bovine Serum Albumin. *PLOS ONE*, 11(4), e0153495.
- Chen, L., Deng, H., Cui, H., Fang, J., Zuo, Z., Deng, J., . . . Zhao, L. (2017). Inflammatory responses and inflammation-associated diseases in organs. *Oncotarget*, 9(6).
- Colotta, F., Allavena, P., Sica, A., Garlanda, C., & Mantovani, A. (2009). Cancer-related inflammation, the seventh hallmark of cancer: Links to genetic instability. *Carcinogenesis*, 30(7), 1073-1081.
- Cryer, B., & Mahaffey, K. (2014). Gastrointestinal ulcers, role of aspirin, and clinical outcomes: Pathobiology, diagnosis, and treatment. *Journal of Multidisciplinary Healthcare*, 137.
- Doronzo, G. (2006). Sodium Azide in Commercially Available C-Reactive Protein Preparations Does Not Influence Matrix Metalloproteinase-2 Synthesis and Release in Cultured Human Aortic Vascular Smooth Muscle Cells. *Clinical Chemistry*, 52(6), 1200-1201. doi: 10.1373/clinchem.2006.066266
- EI-Gabalawy, H., Guenther, L. C., & Bernstein, C. N. (2010). Epidemiology of Immune-Mediated Inflammatory Diseases: Incidence, Prevalence, Natural History, and Comorbidities. *The Journal of Rheumatology Supplement*, 85(0), 2-10.
- Gan, T. (2010). Diclofenac: an update on its mechanism of action and safety profile. *Current Medical Research And Opinion*, 26(7), 1715-1731.
- Heendeniya, S., Ratnasooriya, W.D., & Pathirana, R. (2018). In vitro investigation of anti-inflammatory activity and evaluation of phytochemical profile of Syzygium caryophyllatum.

Hijazi, A., Bandar, H., Rammal, H., Hachem, A., Saad, Z., & Badran, B. (2013). Techniques for the Extraction of Bioactive Compounds from Lebanese Urtica dioica. *American Journal Of Phytomedicine And Clinical Therapeutics*, 1(6), 507-513.

Janeway, C. (2001). Immunobiology. London: Harcourt Brace & Company.

Khan, A., Haque, E., Rahman, M., & Nessa, F. (2008). Bioactivity of Roots of Laportea crenulata. *Pharmaceutical Biology*, 46(10-11), 695-699.

Kiranmayi, G. V., Anusha, V., Chandrika, Y., Satya Priya, I. V., Santhu Swetha, K. U., & Vamsi Krishna, Y. (2018). Preliminary phytochemical screening and in vitro evaluation of anti-inflammatory, antiarthritic, and thrombolytic activities of ethanolic leaf extract of Bauhinia purpurea. *International Journal of Green Pharmacy*, 12(1), 241-247.

Kołodziejska, J., & Kołodziejczyk, M. (2018). Diclofenac in the treatment of pain in patients with rheumatic diseases. *Reumatologia/Rheumatology*, 56(3), 174-183.

Leelaprakash, G., & Dass, S. M. (2011). INVITRO ANTI-INFLAMMATORY ACTIVITY OF METHANOL EXTRACT OF ENICOSTEMMA AXILLARE. *International Journal of Drug Development & Research*, 3(3), 189-196.

Li, H., Jiang, Y., Wong, C., Cheng, K., & Chen, F. (2007). Evaluation of two methods for the extraction of antioxidants from medicinal plants. *Analytical and Bioanalytical Chemistry*, 388(2), 483-488.

Lim, H., Heo, M., & Kim, H. (2019). Flavonoids: Broad Spectrum Agents on Chronic Inflammation. *Biomolecules & Therapeutics*, 27(3), 241-253. doi: 10.4062/biomolther.2019.034

Okin, D., & Medzhitov, R. (2012). Evolution of Inflammatory Diseases. *Current Biology*, 22(17).

Osman, W., Mohammed, M., Garelnabi, E., Osman, Z., Osman, B., Khalid, H., & Mohamed, M. (2014). Secondary metabolites as anti-inflammatory agents. *The Journal Of Phytopharmacology*, 3(4), 275-285.

Owolabi, O., James, D., Sani, I., Andongma, B., Fasanya, O., & Kure, B. (2018). Phytochemical analysis, antioxidant and anti-inflammatory potential of FERETIA APODANTHERA root bark extracts. *BMC Complementary And Alternative Medicine*, 18(1).

Paisey, E., Muyan, Y., Edowai, D., & Dailami, M. (2017). Genetic Analysis of Itchy Leaves (<i>Laportea</i>, sp) in Papua for Herbal Medicinal Products as Development of Studying Economics Value. *Natural Science*, 09(02), 31-41

Punchard, N., Whelan, C., & Adcock, I. (2004). *Journal Of Inflammation*, 1(1), 1. doi: 10.1186/1476-9255-1-1

Rouzer, C. A., & Marnett, L. J. (2008). Cyclooxygenases: Structural and functional insights. *Journal of Lipid Research*, 50(Supplement).

Rowley, M., Williamson, D., & Mackay, I. (1987). Evidence for local synthesis of antibodies to denatured collagen in the synovium in rheumatoid arthritis. *Arthritis & Rheumatism*, 30(12), 1420-1425.

Rowley, M., Tait, B., Mackay, I., Cunningham, T., & Phillips, B. (1986). Collagen antibodies in rheumatoid arthritis. Significance of antibodies to denatured collagen and their association with HLA-DR4. *Arthritis & Rheumatism*, 29(2), 174-184.

Sahin Z, Demir YK, Kayser V. Global kinetic analysis of seeded BSA aggregation. *Eur J Pharm Sci*. 2016.

Sangeetha, G., & Vidhya, R. (2016). In vitro anti-inflammatory activity of different parts of Pedalium murex (L.). *International Journal of Herbal Medicine*, 4(3), 31-36.

Saso, L., Valentini, G., Casini, M., Grippa, E., Gatto, M., Leone, M., & Silvestrini, B. (2001). Inhibition of heat-induced denaturation of albumin by nonsteroidal antiinflammatory drugs (NSAIDs): Pharmacological implications. *Archives Of Pharmacal Research*, 24(2), 150-158.

Sasidharan et al., *Afr J Tradit Complement Altern Med*. (2011) 8(1):1-10

Serafini, M., Peluso, I., & Raguzzini, A. (2010). Flavonoids as anti-inflammatory agents. *Proceedings Of The Nutrition Society*, 69(3), 273-278.

Shah, M., Parveen, Z., & Khan, M. R. (2017). Evaluation of antioxidant, anti-inflammatory, analgesic and antipyretic activities of the stem bark of Sapindus mukorossi. *BMC Complementary and Alternative Medicine*, 17(1).

Shaikh, R. U., Pund, M. M., & Gacche, R. N. (2016). Evaluation of anti-inflammatory activity of selected medicinal plants used in Indian traditional medication system in vitro as well as in vivo. *Journal of Traditional and Complementary Medicine*, 6(4), 355-361.

Simaremare, E. S. (2014). Skrining Fitokimia Ekstrak Etanol Daun Gatal (*Laportea decumana* (Roxb.) Wedd). *Pharmacy*, 11(1), 98-106.

Simaremare, E., Holle, E., Gunawan, E., Yabansabra, Y., Octavia, F., & Pratiwi, R. (2018). Toxicity, Antioxidant, Analgesic and Anti-inflammatory of Ethanol Extracts of *Laportea aestuans* (Linn.) Chew. *Journal of Chemical And Pharmaceutical Research*, 10(5), 16-23.

Souto, A., Tavares, J., da Silva, M., Diniz, M., de Athayde-Filho, P., & Barbosa Filho, J. (2011). Anti-Inflammatory Activity of Alkaloids: An Update from 2000 to 2010. *Molecules*, 16(10), 8515-8534.

Sruthi, D., & Indira, G. (2016). A comparative evaluation of maceration, soxhlation and ultra sound assisted extraction for the phytochemical screening of the leaves of *Nephelium lappaceum*. L. (Sapindaceae). *Journal of Pharmacognosy and Phytochemistry*, 5(5), 386-389.

Woo, J. H., Lee, J. H., Kim, H., Park, S. J., Joe, E., & Jou, I. (2015). Control of Inflammatory Responses: A New Paradigm for the Treatment of Chronic Neuronal Diseases. *Experimental Neurobiology*, 24(2), 95.

Yeo, Y. L., Chia, Y. Y., Lee, C. H., Sow, H. S., & Yap, W. S. (2014). Effectiveness of Maceration Periods with Different Extraction Solvents on in-vitro Antimicrobial Activity from Fruit of *Momordica charantia* L. *Journal of Applied Pharmaceutical Science*, 4(10), 16-23.

Zhang, Q., Lin, L., & Ye, W. (2018). Techniques for extraction and isolation of natural products: a comprehensive review. *Chinese Medicine*, 13(1).

