

References

- Abubakar, A. R., & Haque, M. (2020). Preparation of Medicinal Plants: Basic Extraction and Fractionation Procedures for Experimental Purposes. *Journal of pharmacy & bioallied sciences*, 12(1), 1–10. https://doi.org/10.4103/jpbs.JPBS_175_19
- Arya, A., Nahar, L., Khan, H. U., & Sarker, S. D. (2020). Anti-obesity natural products. In *Annual Reports in Medicinal Chemistry* (pp. 411–433). <https://doi.org/10.1016/bs.armc.2020.02.006>
- Borges, A., José, H., Homem, V., & Simões, M. (2020). Comparison of Techniques and Solvents on the Antimicrobial and Antioxidant Potential of Extracts from *Acacia dealbata* and *Olea europaea*. *Antibiotics* (Basel, Switzerland), 9(2), 48. <https://doi.org/10.3390/antibiotics9020048>
- Bush, L. M. (2022, September). *Pseudomonas Infections*. Merck Manuals Consumer Version. Retrieved October 5, 2023, from <https://www.merckmanuals.com/home/infections/bacterial-infections-gram-negative-bacteria/pseudomonas-infections>
- Centers for Disease Control and Prevention. (2019, November). *Pseudomonas aeruginosa*. cdc.gov. Retrieved October 5, 2023, from <https://www.cdc.gov/hai/organisms/pseudomonas.html>
- Čutović, N., Marković, T., Kostić, M., Gašić, U., Prijjić, Ž., Ren, X., Lukić, M., & Bugarski, B. (2022). Chemical Profile and Skin-Beneficial Activities of the Petal Extracts of *Paeonia tenuifolia* L. from Serbia. *Pharmaceuticals* (Basel, Switzerland), 15(12), 1537. <https://doi.org/10.3390/ph15121537>
- Chen, J. F., Tan, L., Ju, F., Kuang, Q. X., Yang, T. L., Deng, F., Gu, Y. C., Jiang, L. S., Deng, Y., & Guo, D. L. (2022). Phenolic glycosides from *Sanguisorba officinalis* and their anti-inflammatory effects. *Natural product research*, 36(8), 2097–2104. <https://doi.org/10.1080/14786419.2020.1849202>
- Chu, V. H. (21 C.E., January). *Staphylococcus lugdunensis*. UpToDate. Retrieved October 5, 2023, from <https://www.uptodate.com/contents/staphylococcus-lugdunensis>

- Demirboğa, G., Demirboğa, Y., & Özbay, N. (2021). Types of paeonia and their use in phytotherapy. *Karadeniz Fen Bilimleri Dergisi*, 11(1), 318–327. <https://doi.org/10.31466/kfbd.835385>
- Dhawan, D., & Gupta, J. K. (n.d.). Comparison of Different Solvents for Phytochemical Extraction Potential from Datura metel Plant Leaves. *International Journal of Biological Chemistry*, 11(1), 17–22. <https://doi.org/10.3923/ijbc.2017.17.22>
- Ekom, S. E., Tamokou, J. D., & Kuete, V. (2021). Antibacterial and Therapeutic Potentials of the Capsicum annum Extract against Infected Wound in a Rat Model with Its Mechanisms of Antibacterial Action. *BioMed research international*, 2021, 4303902. <https://doi.org/10.1155/2021/4303902>
- Factsheet - Datura metel (Angel's Trumpet). (n.d.). Copyright. All Rights Reserved. [https://keys.lucidcentral.org/keys/v3/eafrinet/weeds/key/weeds/Media/Html/Datura_metel_\(Angels_Trumpet\).htm](https://keys.lucidcentral.org/keys/v3/eafrinet/weeds/key/weeds/Media/Html/Datura_metel_(Angels_Trumpet).htm)
- Fathi, F., Sadrnia, M., Arjomandzadegan, M., & Mohajerani, H. R. (2021). In vitro and in vivo evaluation of antibacterial and anti-biofilm properties of five ethnomedicinal plants against oral bacteria by TEM. *Avicenna journal of phytomedicine*, 11(2), 180–189.
- Guo, S., & Dipietro, L. A. (2010). Factors affecting wound healing. *Journal of dental research*, 89(3), 219–229. <https://doi.org/10.1177/0022034509359125>
- Hammond, A. M., Satcher, K. G., Bender, N. R., Schoch, J. J., & Motaparathi, K. (2021). Necrotizing Escherichia coli skin and soft tissue infection with malakoplakia-like features mimicking pyoderma gangrenosum. *JAAD case reports*, 12, 1–4. <https://doi.org/10.1016/j.jdcr.2021.03.047>
- Heilbronner, S., & Foster, T. J. (2020). Staphylococcus lugdunensis: a Skin Commensal with Invasive Pathogenic Potential. *Clinical microbiology reviews*, 34(2), e00205-20. <https://doi.org/10.1128/CMR.00205-20>

- Heldt Manica, L. A., & Cohen, P. R. (2017). Staphylococcus lugdunensis Infections of the Skin and Soft Tissue: A Case Series and Review. *Dermatology and therapy*, 7(4), 555–562. <https://doi.org/10.1007/s13555-017-0202-5>
- Hijazi, M. A., Jambi, H. A., Aljehany, B. M., & Althaiban, M. A. (2019). Potential Protective Effect of *Achillea fragrantissima* against Adriamycin-Induced Cardiotoxicity in Rats via an Antioxidant and Anti-Inflammatory Pathway. *BioMed research international*, 2019, 5269074. <https://doi.org/10.1155/2019/5269074>
- Jang, E., Inn, K. S., Jang, Y. P., Lee, K. T., & Lee, J. H. (2018). Phytotherapeutic Activities of *Sanguisorba officinalis* and its Chemical Constituents: A Review. *The American journal of Chinese medicine*, 46(2), 299–318. <https://doi.org/10.1142/S0192415X18500155>
- Kaye, A. D., Baluch, A., & Kaye, A. M. (2011). Mineral, Vitamin, and Herbal Supplements. Elsevier eBooks, 470–487. <https://doi.org/10.1016/b978-1-4377-2787-6.00016-4>
- Kumar, P., Sharma, D. R., & Sharma, A. (2015). *Buchanania lanzanis* a Pharmacognostic Miracle Herb. *Research Journal of Pharmacognosy and Phytochemistry*, 7(3), 182. <https://doi.org/10.5958/0975-4385.2015.00029.1>
- Khatoon, Z., McTiernan, C. D., Suuronen, E. J., Mah, T. F., & Alarcon, E. I. (2018). Bacterial biofilm formation on implantable devices and approaches to its treatment and prevention. *Heliyon*, 4(12), e01067. <https://doi.org/10.1016/j.heliyon.2018.e01067>
- Lajoie, L., Fabiano-Tixier, A. S., & Chemat, F. (2022). Water as Green Solvent: Methods of Solubilisation and Extraction of Natural Products-Past, Present and Future Solutions. *Pharmaceuticals (Basel, Switzerland)*, 15(12), 1507. <https://doi.org/10.3390/ph15121507>
- Linz, M. S., Mattappallil, A., Finkel, D., & Parker, D. (2023). Clinical Impact of *Staphylococcus aureus* Skin and Soft Tissue Infections. *Antibiotics (Basel, Switzerland)*, 12(3), 557. <https://doi.org/10.3390/antibiotics12030557>
- Lopes, L. A. A., Dos Santos Rodrigues, J. B., Magnani, M., de Souza, E. L., & de Siqueira-Júnior, J. P. (2017). Inhibitory effects of flavonoids on biofilm formation by *Staphylococcus aureus* that

- overexpresses efflux protein genes. *Microbial pathogenesis*, 107, 193–197.
<https://doi.org/10.1016/j.micpath.2017.03.033>
- Mehta, S. K., Mukherjee, S., & Jaiprakash, B. (2011). ANTI-INFLAMMATORY ACTIVITY OF THE METHANOLIC EXTRACT OF BUCHANANIA LANZAN LEAVES BY CARRAGEENAN-INDUCED RAT PAW OEDEMA METHOD Research Article. *International Journal of Pharmaceutical Sciences Review and Research*, 6(2), 144–146.
<https://www.globalresearchonline.net/journalcontents/volume6issue2/Article-026.pdf>
- Mohanta, Y. K., Biswas, K., Jena, S. K., Hashem, A., Abd Allah, E. F., & Mohanta, T. K. (2020). Anti-biofilm and Antibacterial Activities of Silver Nanoparticles Synthesized by the Reducing Activity of Phytoconstituents Present in the Indian Medicinal Plants. *Frontiers in microbiology*, 11, 1143. <https://doi.org/10.3389/fmicb.2020.01143>
- Oroian, M., Dranca, F., & Ursachi, F. (2020). Comparative evaluation of maceration, microwave and ultrasonic-assisted extraction of phenolic compounds from propolis. *Journal of food science and technology*, 57(1), 70–78. <https://doi.org/10.1007/s13197-019-04031-x>
- Paeonia tenuifolia* - Plant Finder. (n.d.).
<https://www.missouribotanicalgarden.org/PlantFinder/PlantFinderDetails.aspx?taxonid=286087>
- Pattnaik, A., Sarkar, R., Sharma, A., Yadav, K. K., Kumar, A., Roy, P., Mazumder, A., Karmakar, S., & Sen, T. (2013). Pharmacological studies on *Buchanania lanzan* Spreng.- a focus on wound healing with particular reference to anti-biofilm properties. *Asian Pacific journal of tropical biomedicine*, 3(12), 967–974. [https://doi.org/10.1016/S2221-1691\(13\)60187-2](https://doi.org/10.1016/S2221-1691(13)60187-2)
- Patocka, J., & Navratilova, Z. (2019). *Achillea fragrantissima*: Pharmacology Review. *Clinics in Oncology*, 4, 1601.
- Petkovsek, Z., Elersic, K., Gubina, M., Zgur-Bertok, D., & Starcic Erjavec, M. (2009). Virulence potential of *Escherichia coli* isolates from skin and soft tissue infections. *Journal of clinical microbiology*, 47(6), 1811–1817. <https://doi.org/10.1128/JCM.01421-08>

- Puri, A., Sahai, R., Singh, K. L., Saxena, R. P., Tandon, J. S., & Saxena, K. C. (2000). Immunostimulant activity of dry fruits and plant materials used in indian traditional medical system for mothers after child birth and invalids. *Journal of ethnopharmacology*, 71(1-2), 89–92. [https://doi.org/10.1016/s0378-8741\(99\)00181-6](https://doi.org/10.1016/s0378-8741(99)00181-6)
- Roy, R., Tiwari, M., Donelli, G., & Tiwari, V. (2018). Strategies for combating bacterial biofilms: A focus on anti-biofilm agents and their mechanisms of action. *Virulence*, 9(1), 522–554. <https://doi.org/10.1080/21505594.2017.1313372>
- Sabir, R., Alvi, S. F., Fawwad, A., & Basit, A. (2014). Antibiogram of *Pseudomonas aeruginosa* and Methicillin-resistant *Staphylococcus aureus* in patients with diabetes. *Pakistan journal of medical sciences*, 30(4), 814–818. <https://doi.org/10.12669/pjms.304.4755>
- Saeidnia, S., Gohari, A., Mokhber-Dezfuli, N., & Kiuchi, F. (2011). A review on phytochemistry and medicinal properties of the genus *Achillea*. *Daru : journal of Faculty of Pharmacy, Tehran University of Medical Sciences*, 19(3), 173–186.
- Septiani, I. E., Kumoro, A. C., & Djaeni, M. (2021). The effect of solvent volume ratio and extraction time on the yield of red dye from sappanwood. *IOP Conference Series*, 1053(1), 012128. <https://doi.org/10.1088/1757-899x/1053/1/012128>
- Solanaceae. (2016). Elsevier eBooks, 424–426. <https://doi.org/10.1016/b978-0-444-53717-1.01458-x>
- Staph infections - Diagnosis & treatment - Mayo Clinic. (2022, May). Mayo Clinic. Retrieved October 5, 2023, from <https://www.mayoclinic.org/diseases-conditions/staph-infections/diagnosis-treatment/drc-20356227>
- Tran, V. N., Khan, F., Han, W., Luluil, M., Truong, V. G., Yun, H. G., Choi, S., Kim, Y. M., Shin, J. H., & Kang, H. W. (2022). Real-time monitoring of mono- and dual-species biofilm formation and eradication using microfluidic platform. *Scientific reports*, 12(1), 9678. <https://doi.org/10.1038/s41598-022-13699-9>

- Verderosa, A. D., Totsika, M., & Fairfull-Smith, K. E. (2019). Bacterial Biofilm Eradication Agents: A Current Review. *Frontiers in chemistry*, 7, 824. <https://doi.org/10.3389/fchem.2019.00824>
- Weigelt, M. A., McNamara, S. A., Sanchez, D., Hirt, P. A., & Kirsner, R. S. (2021). Evidence-Based Review of Antibiofilm Agents for Wound Care. *Advances in wound care*, 10(1), 13–23. <https://doi.org/10.1089/wound.2020.1193>
- World Health Organization: WHO. (2020, July). Antibiotic resistance. www.who.int. Retrieved October 5, 2023, from <https://www.who.int/news-room/fact-sheets/detail/antibiotic-resistance>
- Wu, B. (2021, January). Pseudomonas skin infections | DermNet. Retrieved October 5, 2023, from <https://dermnetnz.org/topics/pseudomonas-skin-infections>
- Zhang, M., Chen, X., Zhang, Y., Zhao, X., Zhao, J., & Wang, X. (2022). The potential of functionalized dressing releasing flavonoids facilitates scar-free healing. *Frontiers in medicine*, 9, 978120. <https://doi.org/10.3389/fmed.2022.978120>
- Zhang, Q. W., Lin, L. G., & Ye, W. C. (2018). Techniques for extraction and isolation of natural products: a comprehensive review. *Chinese medicine*, 13, 20. <https://doi.org/10.1186/s13020-018-0177-x>