

References

- Aman, R., Zaghloul, R., & El-Dahhan, M. (2021). Formulation, optimization and characterization of allantoin-loaded chitosan nanoparticles to alleviate ethanol-induced gastric ulcer: in-vitro and in-vivo studies. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-81183-x>
- Araújo, L. U., Grabe-Guimarães, A., Mosqueira, V. C. F., Carneiro, C. M., & Silva-Barcellos, N. M. (2010). Profile of wound healing process induced by allantoin. *Acta Cirurgica Brasileira*, 25(5), 460–461. <https://doi.org/10.1590/s0102-86502010000500014>
- Asadi, S. Y., Parsaei, P., Karimi, M., Ezzati, S., Zamiri, A., Mohammadizadeh, F., & Rafieian-kopaei, M. (2013). Effect of green tea (*Camellia sinensis*) extract on healing process of surgical wounds in rat. *International Journal of Surgery*, 11(4), 332–337. <https://doi.org/10.1016/j.ijssu.2013.02.014>
- Ayling, L. (2023, August 8). *Leaf to Lotion: the benefits of green tea in cosmetics*. Formula Botanica. <https://formulabotanica.com/green-tea-cosmetic-formulations/#:~:text=Formulating%20green%20tea%20into%20cosmetics>
- Baker, L. (2019). Physiology of sweat gland function: The roles of sweating and sweat composition in human health. *Temperature*, 6(3), 211–259. <https://doi.org/10.1080/23328940.2019.1632145>
- Baldwin, H., & Tan, J. (2020). Effects of Diet on Acne and Its Response to Treatment. *American Journal of Clinical Dermatology*, 22(1). <https://doi.org/10.1007/s40257-020-00542-y>
- Brown, T., & Krishnamurthy, K. (2018, December 6). *Histology, Dermis*. Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK535346/>

- Chacko, S. M., Thambi, P. T., Kuttan, R., & Nishigaki, I. (2010). Beneficial Effects of Green tea: a Literature Review. *Chinese Medicine*, 5(1), 13. <https://doi.org/10.1186/1749-8546-5-13>
- Chilicka, K., Rusztowicz, M., Szyguła, R., & Nowicka, D. (2022). Methods for the Improvement of Acne Scars Used in Dermatology and Cosmetology: A Review. *Journal of Clinical Medicine*, 11(10), 2744. <https://doi.org/10.3390/jcm11102744>
- Drugbank. (2021). *Allantoin*. Go.drugbank.com. <https://go.drugbank.com/drugs/DB11100>
- Ekambaram, P., Lambiv, W., Cazzolli, R., Ashton, A. W., & Honn, K. V. (2011). The thromboxane synthase and receptor signaling pathway in cancer: an emerging paradigm in cancer progression and metastasis. *Cancer and Metastasis Reviews*, 30(3-4), 397–408. <https://doi.org/10.1007/s10555-011-9297-9>
- Gianeti, M., Mercurio, D., & Maia Campos, P. (2013). The use of green tea extract in cosmetic formulations: not only an antioxidant active ingredient. *Dermatologic Therapy*, 26(3), 267–271. <https://doi.org/10.1111/j.1529-8019.2013.01552.x>
- Harper, D., Young, A., & McNaught, C.-E. (2014). The physiology of wound healing. *Surgery (Oxford)*, 32(9), 445–450. <https://doi.org/10.1016/j.mpsur.2014.06.010>
- Honari, G. (2017). Skin structure and function. In *Sensitive skin syndrome* (pp. 16-22). CRC Press.
- Ibrahim, N., Wong, S., Mohamed, I., Mohamed, N., Chin, K.-Y., Ima-Nirwana, S., & Shuid, A. (2018). Wound Healing Properties of Selected Natural Products. *International Journal of Environmental Research and Public Health*, 15(11), 2360. <https://doi.org/10.3390/ijerph15112360>
- Kany, S., Vollrath, J. T., & Relja, B. (2019). Cytokines in Inflammatory Disease. *International Journal of Molecular Sciences*, 20(23), 6008. <https://doi.org/10.3390/ijms20236008>
- Kim, H., Kawazoe, T., Han, D.-W., Matsumara, K., Suzuki, S., Tsutsumi, S., & Hyon, S.-H. (2008). Enhanced wound healing by an epigallocatechin gallate-incorporated collagen sponge in diabetic mice. *Wound Repair and Regeneration*, 16(5), 714–720. <https://doi.org/10.1111/j.1524-475x.2008.00422.x>

- LaPelusa, A., & Dave, H. D. (2019, October 12). *Physiology, Hemostasis*. Nih.gov; StatPearls Publishing.
<https://www.ncbi.nlm.nih.gov/books/NBK545263/>
- Makrantonaki, E., Ganceviciene, R., & Zouboulis, C. C. (2011). An update on the role of the sebaceous gland in the pathogenesis of acne. *Dermato-Endocrinology*, 3(1), 41–49.
<https://doi.org/10.4161/derm.3.1.13900>
- Mathew-Steiner, S., Roy, S., & Sen, C. (2021). Collagen in Wound Healing. *Bioengineering*, 8(5), 63.
<https://doi.org/10.3390/bioengineering8050063>
- PGC. (2020). *Determining Cosmetic Shelf Life - Stability Testing Cosmetics* | PGC. Parameter.
<https://humiditycontrol.com/stability-testing-cosmetics-shelf-life/>
- Pruthi, G., & Babu, N. (2012). Physical and psychosocial impact of acne in adult females. *Indian Journal of Dermatology*, 57(1), 26. <https://doi.org/10.4103/0019-5154.92672>
- PubChem. (2019). *Allantoin*. Nih.gov; PubChem.
<https://pubchem.ncbi.nlm.nih.gov/compound/allantoin>
- Purwanti, R. A., Farida, Y., & Taurhesia, S. (2022). Formulasi Sediaan Serum Anti Aging dengan Kombinasi dari Ekstrak Buah Tomat (*Lycopersicum esculentum* L.) dan Ekstrak Kulit Buah Semangka (*Citrullus lanatus* Thunb.). *Jurnal Fitofarmaka Indonesia*, 9(2), 19–24.
<https://doi.org/10.33096/jffi.v9i2.864>
- Rajkumar, J., Chandan, N., Lio, P., & Shi, V. (2023). The Skin Barrier and Moisturization: Function, Disruption, and Mechanisms of Repair. *Skin Pharmacology and Physiology*, 1(3).
<https://doi.org/10.1159/000534136>
- Regan, J.-P., & Kangal, M. (2018). Wound Healing. *Nih.gov*.
<https://www.ncbi.nlm.nih.gov/books/NBK535406/>
- Sutaria, A. H., & Schlessinger, J. (2019, October 25). *Acne Vulgaris*. National Library of Medicine; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK459173/>
- Yousef, H., Alhaji, M., & Sharma, S. (2020, November 14). *Anatomy, Skin (Integument), Epidermis*. PubMed; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK470464/>

- Xu, F.-W., Lv, Y.-L., Zhong, Y.-F., Xue, Y.-N., Wang, Y., Zhang, L.-Y., Hu, X., & Tan, W.-Q. (2021). Beneficial Effects of Green Tea EGCG on Skin Wound Healing: A Comprehensive Review. *Molecules*, 26(20), 6123. <https://doi.org/10.3390/molecules26206123>
- Zhao, T., Li, C., Wang, S., & Song, X. (2022). Green Tea (*Camellia sinensis*): A Review of Its Phytochemistry, Pharmacology, and Toxicology. *Molecules*, 27(12), 3909. <https://doi.org/10.3390/molecules27123909>