

## REFERENCES

- Auemphon Mordmuang, Brouillette, E., Supayang Piyawan Voravuthikunchai, & Malouin, F. (2019). *Evaluation of a Rhodomyrtus tomentosa ethanolic extract for its therapeutic potential on Staphylococcus aureus infections using in vitro and in vivo models of mastitis.* 50(1). <https://doi.org/10.1186/s13567-019-0664-9>
- Abazar Pournajaf, Abdollah Ardebili, Goudarzi, L., Mahmoud Khodabandeh, Tahmineh Narimani, & Abbaszadeh, H. (2014). *PCR-based identification of methicillin-resistant Staphylococcus aureus strains and their antibiotic resistance profiles.* 4, S293–S297. <https://doi.org/10.12980/apjtb.4.2014c423>
- Aparecida, D., Miranda, Rabello, R. F., Fábio Lúcio Alves, & Susana, S. (2015). *Mannitol-negative methicillin-resistant Staphylococcus aureus from nasal swab specimens in Brazil.* 46(2), 531–533. <https://doi.org/10.1590/s1517-838246220140179>
- Balma-Mena, A., Lara-Corrales, I., Zeller, J., Richardson, S. E., McGavin, M. J., Weinstein, M., & Pope, E. (2011). *Colonization with community-acquired methicillin-resistant Staphylococcus aureus in children with atopic dermatitis: a cross-sectional study.* 50(6), 682–688. <https://doi.org/10.1111/j.1365-4632.2010.04751.x>
- Burian, M., Plange, J., Schmitt, L., Anke Kaschke, Marquardt, Y., Huth, L., Baron, J. M., Hornef, M. W., Wolz, C., & Yazdi, A. S. (2021). *Adaptation of Staphylococcus aureus to the Human Skin Environment Identified Using an ex vivo Tissue Model.* 12. <https://doi.org/10.3389/fmicb.2021.728989>
- Bose, J. L., & Bayles, K. W. (2013). *Staphylococcus aureus.* 553–555. <https://doi.org/10.1016/b978-0-12-374984-0.01473-x>
- Byrd, A. L., Deming, C., Sara, Harrison, O. J., Ng, W.-I., Conlan, S., Nisc Comparative Sequencing Program, Belkaid, Y., Segre, J. A., & Kong, H. H. (2017). *Staphylococcus aureus and Staphylococcus epidermidis strain diversity underlying pediatric atopic dermatitis.* 9(397). <https://doi.org/10.1126/scitranslmed.aal4651>
- Corticosteroids.* (2020). [Nhsinform.scot.https://www.nhsinform.scot/tests-and-treatments/medicines-and-medical-aids/types-of-medicine/corticosteroids#cautions-side-effects-and-interactions](https://www.nhsinform.scot/tests-and-treatments/medicines-and-medical-aids/types-of-medicine/corticosteroids#cautions-side-effects-and-interactions)
- Chang, Y., Xia, S., Fei, P., Feng, H., Fan, F., Liu, Y., Qin, L., Ma, L., Song, Q., & Liu, Y. (2022). *Houttuynia cordata Thunb. crude extract inactivates Cronobacter sakazakii: Antibacterial components, antibacterial mechanism, and application as a natural disinfectant.* 145, 109467–109467. <https://doi.org/10.1016/j.foodcont.2022.109467>
- Chassagne, F., Tharanga Samarakoon, Porras, G., Lyles, J. T., Dettweiler, M., Marquez, L., Salam, A. M., Shabih, S., Darya Raschid Farrokhi, & Quave, C. L. (2021). *A Systematic Review of Plants With Antibacterial Activities: A Taxonomic and Phylogenetic Perspective.* 11. <https://doi.org/10.3389/fphar.2020.586548>
- Chen, L.-J., Deng, H., Cui, H., Fang, J., Zuo, Z., Deng, J., Li, Y., Wang, X., & Zhao, L. (2015). *Inflammatory responses and inflammation-associated diseases in organs.* 9(6), 7204–7218. <https://doi.org/10.18632/oncotarget.23208>
- Chen, F.-J., Wang, C.-H., Chen, C.-Y., Hsu, Y.-C., & Wang, K.-T. (2014). *Role of the mecA Gene in Oxacillin Resistance in a Staphylococcus aureus Clinical Strain with a pvl -Positive ST59 Genetic Background.* 58(2), 1047–1054. <https://doi.org/10.1128/aac.02045-13>

- Chong, C. E., Bengtsson, R. J., & Malcolm James Horsburgh. (2022). *Comparative genomics of Staphylococcus capitis reveals species determinants.* 13. <https://doi.org/10.3389/fmicb.2022.1005949>
- Eczema: Overview.* (2017, February 23). Nih.gov; Institute for Quality and Efficiency in Health Care (IQWiG). <https://www.ncbi.nlm.nih.gov/books/NBK279399/>
- Eczema types: Atopic dermatitis overview.* (2023). Aad.org. <https://www.aad.org/public/diseases/eczema/types/atopic-dermatitis>
- Global Report on Atopic Dermatitis 2022 atopicdermatitisatlas.org.* (n.d.). <https://www.eczemacouncil.org/assets/docs/global-report-on-atopic-dermatitis-2022.pdf>
- Gillian, Dube, F. S., Moonsamy, R. T., Avumile Mankahla, Hlela, C., Levin, M., Nonhlanhla Lunjani, Shittu, A., & Abdulgader, S. M. (2022). *Skin and nasal colonization of coagulase-negative staphylococci are associated with atopic dermatitis among South African toddlers.* 17(3), e0265326–e0265326. <https://doi.org/10.1371/journal.pone.0265326>
- Gowda, A., Pensiero, A. L., & Packer, C. D. (2018). *Staphylococcus caprae: A Skin Commensal with Pathogenic Potential.* <https://doi.org/10.7759/cureus.3485>
- Hazrina Ab. Hadi, Aine Ilina Tarmizi, Kamarul Ariffin Khalid, Márió Gajdács, Aslam, A., & Shazia Qasim Jamshed. (2021). *The Epidemiology and Global Burden of Atopic Dermatitis: A Narrative Review.* 11(9), 936–936. <https://doi.org/10.3390/life11090936>
- Huang, J. T., Abrams, M., Tlougan, B. E., Rademaker, A., & Paller, A. S. (2009). *Treatment of Staphylococcus aureus Colonization in Atopic Dermatitis Decreases Disease Severity.* 123(5), e808–e814. <https://doi.org/10.1542/peds.2008-2217>
- H. Richard Alexander, Paller, A. S., Traidl-Hoffmann, C., Beck, L., Anna De Benedetto, Dhar, S., Giampiero Girolomoni, Irvine, A. D., Ph.I. Spuls, Su, J., Thyssen, J. P., Sébastien Barbarot, Werfel, T., Wollenberg, A., Mette Deleuran, & Flohr, C. (2019). *The role of bacterial skin infections in atopic dermatitis: expert statement and review from the International Eczema Council Skin Infection Group.* 182(6), 1331–1342. <https://doi.org/10.1111/bjd.18643>
- Johansson, C., Hilpi Rautelin, & Kaden, R. (2019). *Staphylococcus argenteus and Staphylococcus schweitzeri are cytotoxic to human cells in vitro due to high expression of alpha-hemolysin Hla.* 10(1), 502–510. <https://doi.org/10.1080/21505594.2019.1620062>
- Jean-Philippe Rasigade, & François Vandenesch. (2014). *Staphylococcus aureus: A pathogen with still unresolved issues.* 21, 510–514. <https://doi.org/10.1016/j.meegid.2013.08.018>
- Kang, S.-S., Sim, J.-R., Yun, C.-H., & Seung Hyeok Han. (2016). *Lipoteichoic acids as a major virulence factor causing inflammatory responses via Toll-like receptor 2.* 39(11), 1519–1529. <https://doi.org/10.1007/s12272-016-0804-y>
- Kwiecinski, J., & Horswill, A. R. (2020). *Staphylococcus aureus bloodstream infections: pathogenesis and regulatory mechanisms.* 53, 51–60. <https://doi.org/10.1016/j.mib.2020.02.005>
- Karla Gualberto Silva, Silva, L. O., Silva, G. V., Clayton Luiz Borges, Evandro Novaes, Paccez, J. D., Fontes, W., Giambiagi-deMarval, M., Maria, & Juliana Alves Parente-Rocha. (2020). *Staphylococcus saprophyticus Proteomic Analyses Elucidate Differences in the Protein*

- Repertories among Clinical Strains Related to Virulence and Persistence.* 9(1), 69–69.  
<https://doi.org/10.3390/pathogens9010069>
- Lee, A. S., Hermínia de Lencastre, Garau, J., Kluytmans, J., Surbhi Malhotra-Kumar, Peschel, A., & Stéphan Juergen Harbarth. (2018). *Methicillin-resistant Staphylococcus aureus.* 4(1).  
<https://doi.org/10.1038/nrdp.2018.33>
- Magnifico, I., Giulio Petronio Petronio, Venditti, N., Marco Alfio Cutuli, Pietrangelo, L., Franca Vergalito, Mangano, K., Zella, D., & Roberto Di Marco. (2020). *Atopic Dermatitis as a Multifactorial Skin Disorder. Can the Analysis of Pathophysiological Targets Represent the Winning Therapeutic Strategy?* 13(11), 411–411.  
<https://doi.org/10.3390/ph13110411>
- Namdeo, A. G. (2018). *Cultivation of Medicinal and Aromatic Plants.* 525–553.  
<https://doi.org/10.1016/b978-0-08-102081-4.00020-4>
- NHS Choices. (2023). *Treatment - Atopic eczema.*  
<https://www.nhs.uk/conditions/atopic-eczema/treatment/>
- Ni, Fatmawati, S., & Anindita Wulan Asri. (2021). *The Effect of Ethanol Concentrations as The Extraction Solvent on Antioxidant Activity of Katuk (Sauvages androgynus (L.) Merr.) Leaves Extracts.* 755(1), 012060–012060.  
<https://doi.org/10.1088/1755-1315/755/1/012060>
- Nuñez, M. (2014). *Micrococcus.* 627–633.  
<https://doi.org/10.1016/b978-0-12-384730-0.00206-8>
- Ong, P. Y. (2014). *Recurrent MRSA Skin Infections in Atopic Dermatitis.* 2(4), 396–399.  
<https://doi.org/10.1016/j.jaip.2014.04.007>
- Patrycja Ogonowska, Gilaberte, Y., Wioletta Barańska-Rybak, & Nakonieczna, J. (2021). *Colonization With Staphylococcus aureus in Atopic Dermatitis Patients: Attempts to Reveal the Unknown.* 11. <https://doi.org/10.3389/fmicb.2020.567090>
- Rafiq, S., Hao, H., Ijaz, M., & Raza, A. (2022). *Pharmacological Effects of Houttuynia cordata Thunb (H. cordata): A Comprehensive Review.* 15(9), 1079–1079.  
<https://doi.org/10.3390/ph15091079>
- Sadegh Shabab, Zahra Gholamnezhad, & Saeed Niazmand. (2021). *Protective effects of medicinal plant against diabetes-induced cardiac disorder: A review.* 265, 113328–113328. <https://doi.org/10.1016/j.jep.2020.113328>
- Sekita, Y., Murakami, K., Hiromichi Yumoto, Hiroyuki Mizuguchi, Takashi Amoh, Ogino, S., Matsuo, T., Miyake, Y., Fukui, H., & Yoshiaki Kashiwada. (2016). *Anti-bacterial and anti-inflammatory effects of ethanol extract from Houttuynia cordata poultice.* 80(6), 1205–1213. <https://doi.org/10.1080/09168451.2016.1151339>
- Shields, P., & Tsang, A. (2006). *Mannitol Salt Agar Plates Protocols.*  
<https://asm.org/ASM/media/Protocol-Images/Mannitol-Salt-Agar-Plates-Protocols.pdf?ext=.pdf>
- Simpson, E. L., Villarreal, M. L., Jepson, B., Rafaels, N., David, G., Hanifin, J. M., Taylor, P. A., Boguniewicz, M., Yoshida, T., Anna De Benedetto, Barnes, K. C., Donald Y.M. Leung, & Beck, L. A. (2018). *Patients with Atopic Dermatitis Colonized with Staphylococcus aureus Have a Distinct Phenotype and Endotype.* 138(10), 2224–2233.  
<https://doi.org/10.1016/j.jid.2018.03.1517>
- Sukeri, S., Azizah Ab Karem, Evana Kamarudin, & Mazura Bahari. (2021, February 5). *Antimicrobial Activity of Methanolic and Aqueous Extract of Rhodomyrtus tomentosa*

- Leaves against... ResearchGate; unknown.*  
[https://www.researchgate.net/publication/349272752\\_Antimicrobial\\_Activity\\_of\\_Methanolic\\_and\\_Aqueous\\_Extract\\_of\\_Rhodomyrtus\\_tomentosa\\_Leaves\\_against\\_Staphylococcus\\_aureus\\_and\\_Escherichia\\_coli](https://www.researchgate.net/publication/349272752_Antimicrobial_Activity_of_Methanolic_and_Aqueous_Extract_of_Rhodomyrtus_tomentosa_Leaves_against_Staphylococcus_aureus_and_Escherichia_coli)
- Tamagawa-Mineoka, R., & Norito Katoh. (2020). *Atopic Dermatitis: Identification and Management of Complicating Factors.* 21(8), 2671–2671.  
<https://doi.org/10.3390/ijms21082671>
- Taylor, T. A., & Unakal, C. G. (2022, July 18). *Staphylococcus Aureus.* Nih.gov; StatPearls Publishing. <https://www.ncbi.nlm.nih.gov/books/NBK441868/>
- Torres, T., Ferreira, E., Margarida Gonçalo, Mendes-Bastos, P., Selores, M., & Filipe, P. (2019). *Update on Atopic Dermatitis.* 32(9), 606–613. <https://doi.org/10.20344/amp.11963>
- Torres-Palma, R. A., & Serna-Galvis, E. A. (2018). *Sonolysis.* 177–213.  
<https://doi.org/10.1016/b978-0-12-810499-6.00007-3>
- Thakur, P., Nayyar, C., Tak, V., & Saigal, K. (2017). *Mannitol-fermenting and Tube Coagulase-negative Staphylococcal Isolates: Unraveling the Diagnostic Dilemma.* 9(01), 065–066. <https://doi.org/10.4103/0974-2727.187926>
- Tsonis, I., Karamani, L., Panagiota Xaplanteri, Fevronia Kolonitsiou, Petros Zampakis, Georgios Gatzounis, Marangos, M., & Assimakopoulos, S. F. (2018). *Spontaneous cerebral abscess due to Bacillus subtilis in an immunocompetent male patient: A case report and review of literature.* 6(16), 1169–1174. <https://doi.org/10.12998/wjcc.v6.i16.1169>
- Vo, T.-S., & Ngo, D.-H. (2019). *The Health Beneficial Properties of Rhodomyrtus tomentosa as Potential Functional Food.* 9(2), 76–76. <https://doi.org/10.3390/biom9020076>
- Wu, Z., Deng, X., Hu, Q., Xiao, X., Jiang, J., Ma, X., & Wu, M. (2021). *Houttuynia cordata Thunb: An Ethnopharmacological Review.* 12. <https://doi.org/10.3389/fphar.2021.714694>