

## References

- [1] Best Practices – Kombucha Brewers International, . URL <https://kombuchabrewers.org/resources/best-practices/>.
- [2] GT’s Living Foods | Kombucha, Kefir, Coconut Yogurt, and More, . URL <https://gtslivingfoods.com/>.
- [3] KBI Verification Program – Kombucha Brewers International, . URL <https://kombuchabrewers.org/industry-analysis/kbi-verification/>.
- [4] Kombucha: a systematic review of the empirical evidence of human health benefit, . URL <https://reader.elsevier.com/reader/sd/pii/S1047279718307385?token=DDAEB2CA8633CDE771F1DBD37377EA2B91FAAA5CDF915943C9313BAA970DA25FEB882E371F043ECE574A12B4CE8B2DBC>.
- [5] kombucha · Applied Research Program, by thr34d5, . URL <https://vimeo.com/322131627>.
- [6] Kombucha Tsugi: the bag edition, . URL <https://vimeo.com/373091650>.
- [7] The Queer History of Kombucha, 0400. URL <https://food52.com/blog/20366-queer-history-of-kombucha>.
- [8] Kombucha: A Healthy Probiotic Rich Vegan Drink, Oct. 2011. URL <https://cleancuisine.com/kombucha/>.
- [9] Recipe for Confusion: Kombucha Struggles With Ingredient Controversies, June 2017. URL <https://www.bevnet.com/news/2017/recipe-confusion-kombucha-struggles-ingredient-controversies>.
- [10] The Secret Lives of Kombucha, Dec. 2019. URL <https://distributeddesign.eu/the-secret-lives-of-kombucha/>.
- [11] Biomaterials: What is SCOBY Leather?, Nov. 2021. URL <https://www.colorado.edu/center/2021/11/04/biomaterials-what-scooby-leather>.
- [12] A. S. Amarasekara, D. Wang, and T. L. Grady. A comparison of kombucha SCOBY bacterial cellulose purification methods. *SN Applied Sciences*, 2(2):240, Jan. 2020. ISSN 2523-3971. doi: 10.1007/s42452-020-1982-2. URL <https://doi.org/10.1007/s42452-020-1982-2>.
- [13] B. Behera, D. Laavanya, and P. Balasubramanian. Techno-economic feasibility assessment of bacterial cellulose biofilm production during the Kombucha fermentation process. *Bioresource Technology*, 346:126659, Feb. 2022. ISSN 0960-8524. doi: 10.1016/j.biortech.2021.126659. URL <https://www.sciencedirect.com/science/article/pii/S0960852421020010>.
- [14] R. R. Cardoso, R. O. Neto, C. T. dos Santos D’Almeida, T. P. do Nascimento, C. G. Pressete, L. Azevedo, H. S. D. Martino, L. C. Cameron, M. S. L. Ferreira, and F. A. R. d. Barros. Kombuchas from green and black teas have different phenolic profile, which impacts their antioxidant capacities, antibacterial and antiproliferative activities. *Food Research International*, 128:108782, Feb. 2020. ISSN 0963-9969. doi: 10.1016/j.foodres.2019.108782. URL <https://www.sciencedirect.com/science/article/pii/S0963996919306684>.
- [15] M. Chan, H. Sy, J. Finley, J. Robertson, and P. Brown. Determination of Ethanol Content in Kombucha Using Headspace Gas Chromatography with Mass Spectrometry Detection: Single-Laboratory Validation. *Journal of AOAC International*, 104(1):122–128, 2021. doi: 10.1093/jaoacint/qsaa094. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103473456&doi=10.1093%2fjaoacint%2fqsaa094&partnerID=40&md5=0feb4aa1c8eef9cbb7634a8637e3922d>.
- [16] R. M. D. Coelho, A. L. d. Almeida, R. Q. G. d. Amaral, R. N. d. Mota, and P. H. M. d. Sousa. Kombucha: Review. *International Journal of Gastronomy and Food Science*, 22:100272, Dec. 2020. ISSN 1878450X. doi: 10.1016/j.ijgfs.2020.100272. URL <https://linkinghub.elsevier.com/retrieve/pii/S1878450X20301499>.
- [17] F. S. I. C. S. U. F. Collins. Kombucha | Food Source Information. URL <http://fsi.colostate.edu/kombucha/>.
- [18] J. Deutsch, N. Murakhver, and N. Murakhver. *They Eat That?: A Cultural Encyclopedia of Weird and Exotic Food from Around the World*. ABC-CLIO, LLC, Santa Barbara, UNITED STATES, 2012. ISBN 978-0-313-38059-4. URL <http://ebookcentral.proquest.com/lib/lewisclark/detail.action?docID=831974>.

- [19] C. Di Natale, V. De Gregorio, E. Lagreca, F. Mauro, B. Corrado, R. Vecchione, and P. Netti. Engineered Bacterial Cellulose Nanostructured Matrix for Incubation and Release of Drug-Loaded Oil in Water Nanoemulsion. *Frontiers in Bioengineering and Biotechnology*, 10, 2022. doi: 10.3389/fbioe.2022.851893. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127324111&doi=10.3389%2ffbioe.2022.851893&partnerID=40&md5=889307283a4d6cf1cbcc54f3dfb48394>.
- [20] A. Elabd. *Fermentation: mode d'emploi*. Modus Vivendi, 2017. ISBN 978-2-89523-978-9. OCLC: 973801350.
- [21] T. Foster. Meet GT Dave, the King of Kombucha, Feb. 2015. URL <https://www.inc.com/magazine/201503/tom-foster/the-king-of-kombucha.html>.
- [22] K. Harrison and C. Curtin. Microbial Composition of SCOBY Starter Cultures Used by Commercial Kombucha Brewers in North America. *Microorganisms*, 9(5):1060, May 2021. ISSN 2076-2607. doi: 10.3390/microorganisms9051060. URL <https://www.mdpi.com/2076-2607/9/5/1060>.
- [23] R. Ivory, E. Delaney, D. Mangan, and B. McCleary. Determination of Ethanol Concentration in Kombucha Beverages: Single-Laboratory Validation of an Enzymatic Method, First Action Method 2019.08. *Journal of AOAC International*, 104(2):422–430, 2021. doi: 10.1093/jaoacint/qsaa122. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102699748&doi=10.1093%2fjaoacint%2fqsaa122&partnerID=40&md5=3f78b72e442d6eaa773f44d2cead34b7>.
- [24] R. Jayabalan, R. V. Malbaša, E. S. Lončar, J. S. Vitas, and M. Sathishkumar. A Review on Kombucha Tea—Microbiology, Composition, Fermentation, Beneficial Effects, Toxicity, and Tea Fungus. *Comprehensive Reviews in Food Science and Food Safety*, 13(4):538–550, 2014. ISSN 1541-4337. doi: 10.1111/1541-4337.12073. URL <https://onlinelibrary.wiley.com/doi/abs/10.1111/1541-4337.12073>. eprint: <https://onlinelibrary.wiley.com/doi/pdf/10.1111/1541-4337.12073>.
- [25] D. Laavanya, S. Shirkole, and P. Balasubramanian. Current challenges, applications and future perspectives of SCOBY cellulose of Kombucha fermentation. *Journal of Cleaner Production*, 295:126454, May 2021. ISSN 0959-6526. doi: 10.1016/j.jclepro.2021.126454. URL <https://www.sciencedirect.com/science/article/pii/S0959652621006740>.
- [26] J. Martínez Leal, L. Valenzuela Suárez, R. Jayabalan, J. Huerta Oros, and A. Escalante-Aburto. A review on health benefits of kombucha nutritional compounds and metabolites. *CyTA - Journal of Food*, 16(1): 390–399, Jan. 2018. ISSN 1947-6337, 1947-6345. doi: 10.1080/19476337.2017.1410499. URL <https://www.tandfonline.com/doi/full/10.1080/19476337.2017.1410499>.
- [27] A. May, S. Narayanan, J. Alcock, A. Varsani, C. Maley, and A. Aktipis. Kombucha: a novel model system for cooperation and conflict in a complex multi-species microbial ecosystem. *PeerJ*, 7:e7565, 2019. ISSN 2167-8359. doi: 10.7717/peerj.7565.
- [28] J. F. Miranda, L. F. Ruiz, C. B. Silva, T. M. Uekane, K. A. Silva, A. G. M. Gonzalez, F. F. Fernandes, and A. R. Lima. Kombucha: A review of substrates, regulations, composition, and biological properties. *Journal of Food Science*, 87(2):503–527, Feb. 2022. ISSN 0022-1147, 1750-3841. doi: 10.1111/1750-3841.16029. URL <https://onlinelibrary.wiley.com/doi/10.1111/1750-3841.16029>.
- [29] M. Monitor. Global Kombucha Market is Anticipated to be Worth \$1.8 Billion by 2020. URL <https://www.prnewswire.com/news-releases/global-kombucha-market-is-anticipated-to-be-worth-18-billion-by-2020-518284231.html>.
- [30] N. K. Nguyen, P. B. Nguyen, H. T. Nguyen, and P. H. Le. Screening the optimal ratio of symbiosis between isolated yeast and acetic acid bacteria strain from traditional kombucha for high-level production of glucuronic acid. *LWT - Food Science and Technology*, 64(2):1149–1155, Dec. 2015. ISSN 0023-6438. doi: 10.1016/j.lwt.2015.07.018. URL <https://www.sciencedirect.com/science/article/pii/S0023643815300323>.
- [31] N. Nirmal, M. Pillay, M. Mariola, F. Petruccione, and W. Van Zyl. Formation of dialysis-free Kombucha-based bacterial nanocellulose embedded in a polypyrrole/PVA composite for bulk conductivity measurements. *RSC Advances*, 10(46):27585–27597, 2020. doi: 10.1039/d0ra04649c. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089304364&doi=10.1039%2fd0ra04649c&partnerID=40&md5=f78a6f23ced141208570fd7a5333e1e5>.

- [32] A. Pathy, N. Krishnamoorthy, S. X. Chang, and B. Paramasivan. Malachite green removal using algal biochar and its composites with kombucha SCOBY: An integrated biosorption and phycoremediation approach. *Surfaces and Interfaces*, 30:101880, June 2022. ISSN 2468-0230. doi: 10.1016/j.surf.2022.101880. URL <https://www.sciencedirect.com/science/article/pii/S2468023022001614>.
- [33] S. Pradhan, M. Prabhakar, K. Karthika Parvathy, B. Dey, S. Jayaraman, B. Behera, and B. Paramasivan. Metagenomic and physicochemical analysis of Kombucha beverage produced from tea waste. *Journal of Food Science and Technology*, 2022. doi: 10.1007/s13197-022-05476-3. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133085385&doi=10.1007%2fs13197-022-05476-3&partnerID=40&md5=4315dc2f2917a07d41de183ac563f0b3>.
- [34] T. Priyadharshini, K. Nageshwari, S. Vimaladhasan, S. Parag Prakash, and P. Balasubramanian. Machine learning prediction of SCOBY cellulose yield from Kombucha tea fermentation. *Bioresource Technology Reports*, 18, 2022. doi: 10.1016/j.biteb.2022.101027. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127369998&doi=10.1016%2fj.biteb.2022.101027&partnerID=40&md5=ec995113f94081c109bc8585db44b3a3>.
- [35] D. Santana de Carvalho, A. P. Trovatti Uetanabaro, R. B. Kato, F. F. Aburjaile, A. K. Jaiswal, R. Profeta, R. D. De Oliveira Carvalho, S. Tiwar, A. Cybelle Pinto Gomide, E. Almeida Costa, O. Kukhareenko, I. Orlovska, O. Podolich, O. Reva, P. I. P. Ramos, V. A. De Carvalho Azevedo, B. Brenig, B. S. Andrade, J.-P. P. de Vera, N. O. Kozyrovska, D. Barh, and A. Góes-Neto. The Space-Exposed Kombucha Microbial Community Member Komagataeibacter oboediens Showed Only Minor Changes in Its Genome After Reactivation on Earth. *Frontiers in Microbiology*, 13, 2022. ISSN 1664-302X. URL <https://www.frontiersin.org/articles/10.3389/fmicb.2022.782175>.
- [36] D. Schwenk. *Cultured food for health: a guide to healing yourself with probiotic foods kefir \* kombucha \* cultured vegetables*. Hay House, Inc, Carlsbad, California, 1st edition. edition, 2015. ISBN 978-1-4019-4783-5.
- [37] M. G. Soares, M. de Lima, and V. C. Reolon Schmidt. Technological aspects of kombucha, its applications and the symbiotic culture (SCOBY), and extraction of compounds of interest: A literature review. *Trends in Food Science & Technology*, 110:539–550, Apr. 2021. ISSN 09242244. doi: 10.1016/j.tifs.2021.02.017. URL <https://linkinghub.elsevier.com/retrieve/pii/S0924224421001187>.
- [38] T. Tran, C. Grandvalet, F. Verdier, A. Martin, H. Alexandre, and R. Tourdot-Maréchal. Microbial Dynamics between Yeasts and Acetic Acid Bacteria in Kombucha: Impacts on the Chemical Composition of the Beverage. *Foods*, 9(7):963, July 2020. ISSN 2304-8158. doi: 10.3390/foods9070963. URL <https://www.mdpi.com/2304-8158/9/7/963>.
- [39] S. A. Villarreal-Soto, S. Beaufort, J. Bouajila, J.-P. Souchard, and P. Taillandier. Understanding Kombucha Tea Fermentation: A Review. *Journal of Food Science*, 83(3):580–588, Mar. 2018. ISSN 1750-3841. doi: 10.1111/1750-3841.14068.
- [40] M. I. Watawana, N. Jayawardena, C. B. Gunawardhana, and V. Y. Waisundara. Health, Wellness, and Safety Aspects of the Consumption of Kombucha. *Journal of Chemistry*, 2015:1–11, 2015. ISSN 2090-9063, 2090-9071. doi: 10.1155/2015/591869. URL <http://www.hindawi.com/journals/jchem/2015/591869/>.
- [41] Q. Weihua, R. Hong, and W. Qianhui. Production of bacterial cellulose from enzymatic hydrolysate of kitchen waste by fermentation with kombucha. *Biomass Conversion and Biorefinery*, 2022. doi: 10.1007/s13399-022-02903-5. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132692325&doi=10.1007%2fs13399-022-02903-5&partnerID=40&md5=a3af0248415d47e3a810b0cf3828eb16>.
- [42] S. Zhang, Y. Tang, and J. Chen. Changes in functional components and biological activity of Lycium barbarum after fermentation with Kombucha SCOBY. *Journal of Food Processing and Preservation*, 2022. doi: 10.1111/jfpp.16758. URL <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130869849&doi=10.1111%2fjfpp.16758&partnerID=40&md5=0b786ac1c81e2301112f14f299e628e5>.