



## DAFTAR PUSTAKA

- A'inurrofiqin, M., Rahayu, E. S., Suroto, D. A., Utami, T., & Mayangsari, Y. (2022). Safety assessment of the indigenous probiotic strain *Lactiplantibacillus plantarum* subsp. *plantarum* Kita-3 using Sprague–Dawley rats as a model. *AIMS Microbiology*, 8(4), 403–421. <https://doi.org/10.3934/microbiol.2022028>
- Acharya, V. V., & Chaudhuri, P. (2021). Modalities of protein denaturation and nature of denaturants. *International Journal of Pharmaceutical Sciences Review and Research*, 69(2), 19–24. <https://doi.org/10.47583/ijpsrr.2021.v69i02.002>
- Adler, P., Bolten, C. J., Dohnt, K., Hansen, C. E., & Wittman, C. (2013). Core fluxome and metafluxome of lactic acid bacteria under simulated cocoa pulp fermentation conditions. *Applied and Environmental Microbiology*, 79(18), 5670–5681. <https://doi.org/10.1128/AEM.01483-13>
- Alwi, A. N. S., Rahayu, E. S., Utami, T., Yanti, R., & Suroto, D. A. (2023). Formulation of fruit-based probiotic drink from snake fruit (*Salacca zalacca*) and *Lactiplantibacillus plantarum* subsp. *plantarum* Dad-13. *Current Research in Nutrition and Food Science*, 11(1), 351–359.
- Arbaiyah. (2011). *Sifat Organoleptik Es Krim dengan Penambahan Lada Hitam (Piper nigrum Linn)*.
- Aroua, M., Ben Haj Koubaier, H., Bouacida, S., Ben Saïd, S., Mahouachi, M., & Salimei, E. (2023). Chemical, physicochemical, microbiological, bioactive, and sensory characteristics of cow and donkey milk kefir during storage. *Beverages*, 9(1), 1–12. <https://doi.org/10.3390/beverages9010002>
- Astawan, M., Wresdiyati, T., Suliantari, Arief, I. I., & Septiawan, R. (2012). Production of synbiotic yogurt-like using indigenous lactic acid bacteria as functional food. *Media Peternakan*, 35(1), 9–14. <https://doi.org/10.5398/medpet.2012.35.1.9>
- Behjati, S., & Tarpey, P. S. (2013). What is next generation sequencing? *Archives of Disease in Childhood: Education and Practice Edition*, 98(6), 236–238. <https://doi.org/10.1136/archdischild-2013-304340>
- Bergmaier, D., Champagne, C. P., & Lacroix, C. (2003). Exopolysaccharide production during batch cultures with free and immobilized *Lactobacillus rhamnosus* RW-9595M. *Journal of Applied Microbiology*, 95(5), 1049–1057. <https://doi.org/10.1046/j.1365-2672.2003.02084.x>
- Bhattacharya, I., Yan, S., Yadav, J. S. S., Tyagi, R. D., & Surampalli, R. Y. (2013). *Saccharomyces unisporus*: Biotechnological Potential and Present Status.



*Comprehensive Reviews in Food Science and Food Safety*, 12(4), 353–363.  
<https://doi.org/10.1111/1541-4337.12016>

Cai, Y., Sounderrajan, A., & Serventi, L. (2020). Water Kefir: A Review of its Microbiological Profile, Antioxidant Potential and Sensory Quality. *Acta Scientifci Nutritional Health*, 4(6), 10–17.  
<https://doi.org/10.31080/asnh.2020.04.0706>

Carbonetto, B., Nidelet, T., Guezenec, S., Perez, M., Segond, D., & Sicard, D. (2020). Interactions between Kazachstania humilis yeast species and lactic acid bacteria in Sourdough. *Microorganisms*, 8(2), 1–20.  
<https://doi.org/10.3390/microorganisms8020240>

*CODEX 243-2003 Standard for Fermented Milks* (Issue 21). (2018). CODEX ALIMENTARIUS.

Diosma, G., Romanin, D. E., Rey-Burusco, M. F., Londero, A., & Garrote, G. L. (2014). Yeasts from kefir grains: Isolation, identification, and probiotic characterization. *World Journal of Microbiology and Biotechnology*, 30(1), 43–53. <https://doi.org/10.1007/s11274-013-1419-9>

Dobson, A., O'Sullivan, O., Cotter, P. D., Ross, P., & Hill, C. (2011). High-throughput sequence-based analysis of the bacterial composition of kefir and an associated kefir grain. *FEMS Microbiology Letters*, 320(1), 56–62.  
<https://doi.org/10.1111/j.1574-6968.2011.02290.x>

Dong, X., Shu, G., Kang, J., Zhang, Q., Ma, L., Chen, L., Zhang, M., Chen, H., & Wan, H. (2022). Microbial diversity of six commercially available kefir grains. *Acta Universitatis Cibiniensis Series E: FOOD TECHNOLOGY*, XXVI(2), 287–302. <https://doi.org/10.4324/9781003232490-9>

FAO/WHO. (2001). *Expert Consultation Report on Evaluation of Health and Nutritional Properties of Probiotics in Food Including Powder Milk with Live Lactic Acid Bacteria*. <https://doi.org/10.1201/9781420009613.ch16>

Farag, M. A., Jomaa, S. A., Aida, A. E.-W. E.-S., & Hesham, R. (2020). The many faces of kefir fermented dairy products: Quality characteristics flavour chemistry, nutritional value, health benefits, and safety. *Nutrients*, 12, 1–23.  
[www.mdpi.com/journal.nutrients](http://www.mdpi.com/journal.nutrients)

Farag, M. A., Jomaa, S. A., El-wahed, A. A., & El-seedi, H. R. (2020). The many faces of kefir fermented dairy products: Quality characteristics, flavour chemistry, nutritional value, health benefits, and safety. *Nutrients*, 12, 1–23.  
<https://doi.org/10.3390/nu12020346>

Fardiaz, S. (1993). *Analisis Mikrobiologi Pangan*. PT. Raja Grafindo Persada.

Farnworth, E. (2008). *Handbook of fermented functional food* (2nd ed.). CRC Press.



- Fenster, K., Freeburg, B., Hollard, C., Wong, C., Laursen, R. R., & Ouwehand, A. C. (2019). The production and delivery of probiotics: A review of a practical approach. *Microorganisms*, 7(3), 1–17. <https://doi.org/10.3390/microorganisms7030083>
- Fijan, S. (2014). Microorganisms with claimed probiotic properties: An overview of recent literature. *International Journal of Environmental Research and Public Health*, 11, 4745–4767. <https://doi.org/10.3390/ijerph110504745>
- Gao, J., Gu, F., Abdella, N. H., Ruan, H., & He, G. (2012). Investigation on culturable microflora in Tibetan Kefir Grains from different areas of China. *Journal of Food Science*, 77(8), 425–433. <https://doi.org/10.1111/j.1750-3841.2012.02805.x>
- Garofalo, C., Osimani, A., Milanović, V., Aquilanti, L., De Filippis, F., Stellato, G., Di Mauro, S., Turchetti, B., Buzzini, P., Ercolini, D., & Clementi, F. (2015). Bacteria and yeast microbiota in milk kefir grains from different Italian regions. *Food Microbiology*, 49(1), 123–133. <https://doi.org/10.1016/j.fm.2015.01.017>
- Granato, D., Branco, G. F., Cruz, A. G., Faria, J. de A. F., & Shah, N. P. (2010). Probiotic dairy products as functional foods. *Comprehensive Reviews in Food Science and Food Safety*, 9(5), 455–470. <https://doi.org/10.1111/j.1541-4337.2010.00120.x>
- Grønnevik, H., Falstad, M., & Narvhus, J. A. (2011). Microbiological and chemical properties of Norwegian kefir during storage. *International Dairy Journal*, 21(9), 601–606. <https://doi.org/10.1016/j.idairyj.2011.01.001>
- Guzel-Seydim, Z. B., Gökirmaklı, Ç., & Greene, A. K. (2021). A comparison of milk kefir and water kefir: Physical, chemical, microbiological and functional properties. *Trends in Food Science and Technology*, 113(March), 42–53. <https://doi.org/10.1016/j.tifs.2021.04.041>
- Güzel-Seydim, Z. B., Seydim, A. C., Greene, A. K., & Bodine, A. B. (2000). Determination of Organic Acids and Volatile Flavor Substances in Kefir during Fermentation. *Journal of Food Composition and Analysis*, 13(1), 35–43. <https://doi.org/10.1006/jfca.1999.0842>
- Hanum, Z., Yurliasni, & Dzarnisa. (2021). *Teknologi Pengolahan Susu* (A. Fahrina (Ed.)). Syiah Kuala University Press. [https://books.google.co.id/books?hl=en&lr=&id=5ZNfEAAAQBAJ&oi=fnd&pg=PP1&dq=Proses+fermentasi+pada+kefir+dilakukan+pada+suhu+20-25°C+selama+24+jam+dengan+pH+4&ots=9EJuyoAOAD&sig=i5mP7yikUH9OytXc9wM6HerfOxw&redir\\_esc=y#v=onepage&q&f=false](https://books.google.co.id/books?hl=en&lr=&id=5ZNfEAAAQBAJ&oi=fnd&pg=PP1&dq=Proses+fermentasi+pada+kefir+dilakukan+pada+suhu+20-25°C+selama+24+jam+dengan+pH+4&ots=9EJuyoAOAD&sig=i5mP7yikUH9OytXc9wM6HerfOxw&redir_esc=y#v=onepage&q&f=false)
- Hayek, S. A., & Ibrahim, S. A. (2013). Current limitations and challenges with



lactic acid bacteria: a review. *Food and Nutrition Sciences*, 4, 73–87.

Hidayat, I. R., Kusrahayu, & Mulyani, S. (2013). Total lactic acid bacteria, pH value and organoleptic properties of drink yoghurt from cow milk containing mango extract. *Animal Agriculture Journal*, 2(1), 160–167.

Jannah, S. R., Rahayu, E. S., Yanti, R., Suroto, D. A., & Wikandari, R. (2022). Study of Viability, Storage Stability, and Shelf Life of Probiotic Instant Coffee *Lactiplantibacillus plantarum* Subsp. *plantarum* Dad-13 in Vacuum and Nonvacuum Packaging at Different Storage Temperatures. *International Journal of Food Science*, 2022. <https://doi.org/10.1155/2022/1663772>

Jood, I., Hoff, J. W., & Setati, M. E. (2017). Evaluating fermentation characteristics of *Kazachstania* spp. and their potential influence on wine quality. *World Journal of Microbiology and Biotechnology*, 33(7), 1–11. <https://doi.org/10.1007/s11274-017-2299-1>

Kalamaki, M. S., & Angelidis, A. S. (2020). High-throughput, sequence-based analysis of the microbiota of Greek kefir grains from two geographic regions. *Food Technology and Biotechnology*, 58(2), 138–146. <https://doi.org/10.17113/FTB.58.02.20.6581>

Kondybayev, A., Achir, N., Mestres, C., Collombel, I., Strub, C., Grabulos, J., Akhmetadykov, N., Aubakirova, A., Kamidinkyzy, U., Ghanmi, W., & Konuspayeva, G. (2023). Growth kinetics of *Kazachstania unispora* and its interaction with lactic acid bacteria during Qymyz production. *Fermentation*, 9(2), 1–18. <https://doi.org/10.3390/fermentation9020101>

Korsak, N., Taminiau, B., Leclercq, M., Nezer, C., Crevecoeur, S., Ferauche, C., Detry, E., Delcenserie, V., & Daube, G. (2015). Short communication: Evaluation of the microbiota of kefir samples using metagenetic analysis targeting the 16S and 26S ribosomal DNA fragments. *Journal of Dairy Science*, 98(6), 3684–3689. <https://doi.org/10.3168/jds.2014-9065>

Kumar, M. R., Yeap, S. K., Mohamad, N. E., Abdullah, J. O., Masarudin, M. J., Khalid, M., Leow, A. T. C., & Alitheen, N. B. (2021). Metagenomic and phytochemical analyses of kefir water and its subchronic toxicity study in BALB/c mice. *BMC Complementary Medicine and Therapies*, 21(1), 1–15. <https://doi.org/10.1186/s12906-021-03358-3>

Lang, F., Wen, J., Wu, Z., Pan, D., & Wang, L. (2022). Evaluation of probiotic yoghurt by the mixed culture with *Lactobacillus plantarum* A3. *Food Science and Human Wellness*, 11(2), 323–331. <https://doi.org/10.1016/j.fshw.2021.11.006>

Lara-flores, M. (2011). The use of probiotic in aquaculture : an overview. *International Research Journal of Microbiology (IRJM)*, 2(12), 471–478.



<http://www.interesjournals.org/IRJM>

- Larosa, C. P., Balthazar, C. F., Guimarães, J. T., Rocha, R. S., Silva, R., Pimentel, T. C., Granato, D., Duarte, M. C. K. H., Silva, M. C., Freitas, M. Q., Cruz, A. G., & Esmerino, E. A. (2021). Sheep milk kefir sweetened with different sugars: Sensory acceptance and consumer emotion profiling. *Journal of Dairy Science*, 104(1), 295–300. <https://doi.org/10.3168/jds.2020-18702>
- Lins, A. de C., & Leao, M. H. M. R. (2002). Removal of skim milk lactose by fermentation using ree and immobilized *Kluyveromyces marxianus* cells. *World Journal of Microbiology and Biotechnology*, 18, 187–192.
- Lopitz-Otsoa, F., Rementeria, A., Elguezabal, N., & Garaizar, J. (2006). Kefir: A symbiotic yeasts-bacteria community with alleged healthy capabilities. *Revista Iberoamericana de Micología*, 23(2), 67–74. [https://doi.org/10.1016/s1130-1406\(06\)70016-x](https://doi.org/10.1016/s1130-1406(06)70016-x)
- Luwidharto, J. C. N., Rahayu, E. S., Suroto, D. A., Wikandari, R., Ulfah, A., & Utami, T. (2022). Effects of *Spirulina platensis* addition on growth of *Lactobacillus plantarum* Dad 13 and *Streptococcus thermophilus* Dad 11 in fermented milk and physicochemical characteristics of the product. *Applied Food Biotechnology*, 9(3), 205–216. <https://doi.org/10.22037/afb.v9i3.37013>
- Markowiak, P., & Ślizewska, K. (2018). The role of probiotics, prebiotics and synbiotics in animal nutrition. *Gut Pathogens*, 10(1), 1–20. <https://doi.org/10.1186/s13099-018-0250-0>
- Marya, D. T., Nurliyani, Widodo, W., & Sunarti. (2017). Characterization and antioxidant activity of fermented milk produced with a starter combination. *Pakistan Journal of Nutrition*, 16(6), 451–456. <https://doi.org/10.3923/pjn.2017.451.456>
- Meidistria, T. R., Sembiring, L., Rahayu, E. S., Haedar, N., & Dwyana, Z. (2020). Survival of *Lactobacillus plantarum* dad 13 in probiotic cheese making. *IOP Conference Series: Earth and Environmental Science*, 575(1). <https://doi.org/10.1088/1755-1315/575/1/012020>
- Mitra, S., & Ghosh, B. C. (2020). Quality characteristics of kefir as a carrier for probiotic *Lactobacillus rhamnosus* GG. *International Journal of Dairy Technology*, 73(2), 384–391. <https://doi.org/10.1111/1471-0307.12664>
- Nalbantoglu, U., Cakar, A., Dogan, H., Abaci, N., Ustek, D., Sayood, K., & Can, H. (2014). Metagenomic analysis of the microbial community in kefir grains. *Food Microbiology*, 41, 42–51. <https://doi.org/10.1016/j.fm.2014.01.014>
- Ngatirah, Harmayani, E., Rahayu, E. S., & Utami, T. (2000). Seleksi Bakteri Asam Laktat sebagai Agensia Probiotik yang Berpotensi Menurunkan Kolesterol. In



*Seminar Nasional Industri Pangan* (pp. 63–70).

Nikitina, E., Petrova, T., Vafina, A., Ezhkova, A., Yahia, M. N., & Kayumov, A. (2022). Textural and functional properties of skimmed and whole milk fermented by novel Lactiplantibacillus plantarum AG10 strain isolated from silage. *Fermentation*, 8(6), 1–15. <https://doi.org/10.3390/fermentation8060290>

Pamungkaningtyas, F. H., Mariyatun, M., Kamil, R. Z., Setyawan, R. H., Hasan, P. N., Wiryohanjoyo, D. V., Nurfiani, S., Zulaichah, E., Utami, I. S., Utami, T., & Rahayu, E. S. (2018). Sensory evaluation of Yogurt-like Set and Yogurt-like Drink produced by indigenous probiotic strains for market test. *Indonesian Food and Nutrition Progress*, 15(1), 1–10. <https://doi.org/10.22146/ifnp.31010>

Pogacic, T., Sinko, S., Zamberlin, S., & Samarzzija, D. (2013). Microbiota of kefir grains | Mikrobnii sastav kefirnih zrna. *Mljekarstvo*, 63(1), 3–14.

Rahayu, E. S. (2003). Lactic Acid Bacteria in Fermented Food of Indonesian Origin. In *Agritech* (Vol. 23, Issue 2, pp. 75–84).

Rahayu, E. S., Cahyanto, M. N., Sarwoko, M.-A., Haryono, P., Windiarti, L., Sutriyanto, J., Kandarina, I., Nurfiani, S., Zulaichah, E., & Utami, T. (2016). Effects of consumption of fermented milk containing indigenous probiotic lactobacillus plantarum dad-13 on the fecal microbiota of healthy indonesian volunteers. *International Journal of Probiotics and Prebiotics*, 11(2), 91–98. [www.newcenturyhealthpublishers.com](http://www.newcenturyhealthpublishers.com)

Rahayu, E. S., Rusdan, I. H., Athennia, A., Kamil, R. Z., Pramesi, P. C., Marsono, Y., Utami, T., & Widada, J. (2019). Safety assessment of indigenous probiotic strain Lactobacillus plantarum Dad-13 isolated from Dadih using Sprague Dawley Rats as a model. *American Journal of Pharmacology and Toxicology*, 14(1), 38–47. <https://doi.org/10.3844/ajptsp.2019.38.47>

Rahayu, E. S., Yogeswara, A., Mariyatun, Windiarti, L., Utami, T., & Watanabe, K. (2016). Molecular characteristics of indigenous probiotic strains from Indonesia. *International Journal of Probiotics and Prebiotics*, 11(2), 109–116.

Rohmah, F., & Estasih, T. (2018). Perubahan Karakteristik Kefir Selama Penyimpanan : Kajian Pustaka. *Jurnal Pangan Dan Agroindustri*, 6(3), 30–36. <https://doi.org/10.21776/ub.jpa.2018.006.03.4>

Shokryazdan, P., Faseleh Jahromi, M., Liang, J. B., & Ho, Y. W. (2017). Probiotics: From Isolation to Application. *Journal of the American College of Nutrition*, 36(8), 666–676. <https://doi.org/10.1080/07315724.2017.1337529>

Simova, E., Beshkova, D., Angelov, A., Hristozova, T., Frengova, G., & Spasov,



- Z. (2002). Lactic acid bacteria and yeasts in kefir grains and kefir made from them. *Journal of Industrial Microbiology & Biotechnology*, 28(1), 1–6. <https://doi.org/10.1038/sj.jim.7000186>
- Śliżewska, K., & Chlebicz-Wójcik, A. (2020). Growth kinetics of probiotic lactobacillus strains in the alternative, cost-efficient semi-solid fermentation medium. *Biology*, 9(12), 1–13. <https://doi.org/10.3390/biology9120423>
- Soni, R., Jain, N. K., Shah, V., Soni, J., Suthar, D., & Gohel, P. (2020). Development of probiotic yogurt: effect of strain combination on nutritional, rheological, organoleptic and probiotic properties. *Journal of Food Science and Technology*, 57(6), 2038–2050. <https://doi.org/10.1007/s13197-020-04238-3>
- Struyf, N., Laurent, J., Verspreet, J., Verstrepen, K. J., & Courtin, C. M. (2017). Saccharomyces cerevisiae and kluyveromyces marxianus cocultures allow reduction of fermentable oligo-, Di-, and monosaccharides and polyols levels in whole wheat bread. *Journal of Agricultural and Food Chemistry*, 65(39), 8704–8713. <https://doi.org/10.1021/acs.jafc.7b02793>
- Suharto, E. L. S., Arief, I. I., & Taufik, E. (2016). Quality and antioxidant activity of yogurt supplemented with roselle during cold storage. *Media Peternakan*, 39(2), 82–89. <https://doi.org/10.5398/medpet.2016.39.2.82>
- Swanson, K. S., Gibson, G. R., Hutkins, R., Reimer, R. A., Reid, G., Verbeke, K., Scott, K. P., Holscher, H. D., Azad, M. B., Delzenne, N. M., & Sanders, M. E. (2020). The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of synbiotics. *Nature Reviews Gastroenterology and Hepatology*, 17(11), 687–701. <https://doi.org/10.1038/s41575-020-0344-2>
- Tasma, I. M. (2016). Pemanfaatan Teknologi Sekuensing Genom Untuk Mempercepat Program Pemuliaan Tanaman. *Jurnal Penelitian Dan Pengembangan Pertanian*, 34(4), 159. <https://doi.org/10.21082/jp3.v34n4.2015.p159-168>
- Terpou, A., & Mantzourani, I. (2019). *Vinegars Made with Kefir*. In *Advances in Vinegar Production* (E. Bekatorou, A. (Ed.); 1st ed). CRC Press.
- Teshale, A., Tomasello, G., Morshed, M., Arif Khan, M., & Mortaz, E. (2017). Bacterial Probiotics their Importances and Limitations: A Review Probiotics: Insights on Probiotic Effects and Next Generation Therapy to Combat Inflammatory Bowel... Probiotics in the Management of Lung Diseases Bacterial Probiotics their Importance. *J Nutr Health Sci*, 4(2), 202. [www.annexpublishers.com](http://www.annexpublishers.com)
- Tian, L., Huang, X., Zhang, C., Chen, D., Gu, R., Wa, Y., Peng, K., Zong, L., &



- Chen, X. (2021). Enhancement of the antibacterial properties of kefir by adding lactobacillus fermentum grx08. *Journal of Food Protection*, 84(8), 1463–1471. <https://doi.org/10.4315/JFP-21-113>
- Tologana, R. D., Wikandari, R., Rahayu, E. S., Suroto, D. A., & Utami, T. (2023). Correlation between the chemical, microbiological and sensory characteristics of cream cheese using a mixed and single probiotic culture. *Journal of Food Science and Technology*, 60(1), 181–189. <https://doi.org/10.1007/s13197-022-05603-0>
- Trawiński, T. (2009). Odwracanie macierzy o wybranych strukturach przy pomocy macierzy blokowych. *Przeglad Elektrotechniczny*, 85(6), 98–101.
- Utami, T., Harmayani, E., & Rahayu, E. S. (2016). Survival of Lactobacillus plantarum Dad 13 during Spray Drying and Its Application for Yoghurt Fermentation. *International Research Journal of Biological Sciences*, 5(2), 16–22.
- Vardjan, T., Mohar Lorbeg, P., Rogelj, I., & Čanžek Majhenič, A. (2013). Characterization and stability of lactobacilli and yeast microbiota in kefir grains. *Journal of Dairy Science*, 96(5), 2729–2736. <https://doi.org/10.3168/jds.2012-5829>
- Walsh, A. M., Crispie, F., Kilcawley, K., O’Sullivan, O., O’Sullivan, M. G., Claesson, M. J., & Cotter, P. D. (2016). Microbial succession and flavor production in the fermented dairy beverage kefir. *MSystems*, 1(5), 1–16. <https://doi.org/10.1128/msystems.00052-16>
- Wya Saraswati, P., Nocianitri, K. A., & Hapsari Arihantana, N. M. I. (2021). Pola Pertumbuhan Lactobacillus sp. F213 Selama Fermentasi Pada Sari Buah Terung Belanda (*Solanum betaceum* Cav.). *Jurnal Ilmu Dan Teknologi Pangan (ITEPA)*, 10(4), 621. <https://doi.org/10.24843/itepa.2021.v10.i04.p08>
- Yang, Z., Zhang, L., Zhao, S., Luo, N., & Deng, Q. (2020). Comparison study of static and alternating magnetic field treatments on the quality preservation effect of cherry tomato at low temperature. *Journal of Food Process Engineering*, 43(9), 1–10. <https://doi.org/10.1111/jfpe.13453>
- Yousefvand, A., Huang, X., Zarei, M., & Saris, P. E. J. (2022). Lacticaseibacillus rhamnosus GG Survival and Quality Parameters in Kefir Produced from Kefir Grains and Natural Kefir Starter Culture. *Foods*, 11(4). <https://doi.org/10.3390/foods11040523>
- Yusriyah, N. H., & Agustini, R. (2014). The Effect of Fermentation and Concentration of Kefir Grains. *UNESA Journal of Chemistry*, 3(2), 53–57.
- Zamberi, N. R., Mohamad, N. E., Yeap, S. K., Ky, H., Beh, B. K., Liew, W. C.,



Tan, S. W., Ho, W. Y., Boo, S. Y., Chua, Y. H., & Alitheen, N. B. (2016). 16S Metagenomic microbial composition analysis of kefir grain using MEGAN and BaseSpace. *Food Biotechnology*, 30(3), 219–230. <https://doi.org/10.1080/08905436.2016.1200987>

Zhang, L., Chen, F. X., Zeng, Z., Xu, M., Sun, F., Yang, L., Bi, X., Lin, Y., Gao, Y. J., Hao, H. X., Yi, W., Li, M., & Xie, Y. (2021). Advances in Metagenomics and Its Application in Environmental Microorganisms. *Frontiers in Microbiology*, 12(December), 1–15. <https://doi.org/10.3389/fmicb.2021.766364>

Zhou, N., Semumu, T., & Gamero, A. (2021). Non-conventional yeasts as alternatives in modern baking for improved performance and aroma enhancement. *Fermentation*, 7(3), 1–16. <https://doi.org/10.3390/fermentation7030102>