

References

- Albertini, J., Rocha, R. K., Bastos, R. G., Ceccato-Antonini, S. R., & Rosa-Magri, M. M. (2022). Phosphate solubilization and indole acetic acid production by rhizosphere yeast *Torulaspora globosa*: improvement of culture conditions for better performance in vitro. *3 Biotech*, 12(10), 262. <https://doi.org/10.1007/s13205-022-03322-z>
- Ambrosini, A., & Passaglia, L. M. P. (2017). Plant growth–promoting bacteria (PGPB): Isolation and screening of PGP activities. *Current Protocols in Plant Biology*, 2, 190–209. doi: 10.1002/pb.20054
- Bhakta, S., & Das, S. K. (2020). The medicinal values of *Abrus precatorius*: a review study. *J. Adv. Biotechnol. Exp. Ther*, 3(2), 84-91
- Bhat, M. A., Rasool, R., and Ramzan, S. (2019). Plant growth promoting rhizobacteria (PGPR) for sustainable and eco-friendly agriculture. *Acta Sci. Agric*, 3, 23–25.
- Chakraborty, T., & Akhtar, N. (2021). Biofertilizers: Prospects and Challenges for Future In Biofertilizers (pp. 575–590). Wiley. <https://doi.org/10.1002/9781119724995.ch20>
- Checucci, A., & Marchetti, M. (2020). The rhizosphere talk show: The rhizobia on stage. *Frontiers in Agronomy*, 2, 591494.
- Compant, S., Cambon, M. C., Vacher, C., Mitter, B., Samad, A., & Sessitsch, A. (2021). The plant endosphere world–bacterial life within plants. *Environmental Microbiology*, 23(4), 1812-1829.
- Egamberdieva, D., Wirth, S. J., Alqarawi, A. A., Abd_Allah, E. F., & Hashem, A. (2017). Phytohormones and beneficial microbes: essential components for plants to balance stress and fitness. *Frontiers in microbiology*, 8, 2104.
- Husen, A. (Ed.). (2023). *Exploring Poisonous Plants: Medicinal Values, Toxicity Responses, and Therapeutic Uses* (1st ed.). CRC Press. <https://doi.org/10.1201/b23017>

- Kumar, A., Singh, A. K., & Choudhary, K. K. (Eds.). (2019). Role of plant growth promoting microorganisms in sustainable agriculture and nanotechnology. Woodhead Publishing.
- Kurniawan, T. A., Puppim de Oliveira, J., Premakumara, D. G. J., & Nagaishi, M. (2013). City-to-city level cooperation for generating urban co-benefits: the case of technological cooperation in the waste sector between Surabaya (Indonesia) and Kitakyushu (Japan). *Journal of Cleaner Production*, 58, 43–50. <https://doi.org/10.1016/j.jclepro.2013.08.002>
- Mączik, M., Gryta, A., & Frąc, M. (2020). Biofertilizers in agriculture: An overview on concepts, strategies and effects on soil microorganisms. In *Advances in Agronomy* (pp. 31–87). Elsevier. <https://doi.org/10.1016/bs.agron.2020.02.001>
- Mahanty, T., Bhattacharjee, S., Goswami, M., Bhattacharyya, P., Das, B., Ghosh, A., & Tribedi, P. (2017). Biofertilizers: a potential approach for sustainable agriculture development. *Environmental Science and Pollution Research*, 24, 3315–3335. Chicago
- Németh, I., Molnár, S., Vaszita, E., & Molnár, M. (2021). The Biolog EcoPlate™ Technique for Assessing the Effect of Metal Oxide Nanoparticles on Freshwater Microbial Communities. *Nanomaterials* (Basel, Switzerland), 11(7), 1777. <https://doi.org/10.3390/nano11071777>
- Ndour, P. M. S., Bidar, G., Staes, L., Facon, N., Laruelle, F., Genies, L., Tisserant, B., Duclercq, J., Fontaine, J., & Lounès - Hadj Sahraoui, A. (2025). Effect of different composts on the dynamic of soil organic pollutants, microbial network interactions and multifunctionality in an urban garden made from a former brownfield. *Journal of Environmental Management*, 380, 124951. <https://doi.org/10.1016/j.jenvman.2025.12495>
- Nuzir, F. A. (2019). Takakura Composting Method (TCM) as an Appropriate Environmental Technology for Urban Waste Management. *International Journal of Building, Urban*, 67–82. <https://doi.org/10.14456/BUILT.2019.6>
- Sehrawat, A., & Sindhu, S. S. (2019). Potential of Biocontrol Agents in Plant Disease Control for Improving Food Safety. *Defence Life Science Journal*, 4(4), 220–225. <https://doi.org/10.14429/dlsj.4.14966>

- Shah, M., Meenakshi, K., & George, I. A. (2023). *Abrus precatorius* (Rosary Pea). In *Exploring Poisonous Plants* (1st Edition, Vol. 1, pp. 85–98). essay, Boca Raton, Florida: CRC Press.
- Sofo, A., & Ricciuti, P. (2019). A Standardized Method for Estimating the Functional Diversity of Soil Bacterial Community by Biolog® EcoPlates™ Assay—The Case Study of a Sustainable Olive Orchard. *Applied Sciences*, 9(19), 4035. <https://doi.org/10.3390/app9194035>
- Weber, K. P., & Legge, R. L. (2010). Method for the detachment of culturable bacteria from wetland gravel. *Journal of Microbiological Methods*, 80(3), 242–250. <https://doi.org/10.1016/j.mimet.2010.01.006>
- White, J. F., Kingsley, K. L., Zhang, Q., Verma, R., Obi, N., Dvinskikh, S., Elmore, M. T., Verma, S. K., Gond, S. K., & Kowalski, K. P. (2019). Review: Endophytic microbes and their potential applications in crop management. *Pest management science*, 75(10), 2558–2565. <https://doi.org/10.1002/ps.5527>
- Zhang, J., Cook, J., Nearing, J. T., Zhang, J., Raudonis, R., Glick, B. R., Langille, M. G. I., & Cheng, Z. (2021). Harnessing the plant microbiome to promote the growth of agricultural crops. *Microbiological Research*, 245, 126690. <https://doi.org/10.1016/j.micres.2020.126690>
- Zhen Teng, Fan, W., Wang, H., Cao, X., & Xu, X. (2020). Monitoring Soil Microorganisms with Community-Level Physiological Profiles Using Biolog EcoPlates™ in Chaohu Lakeside Wetland, East China. *Eurasian Soil Science*, 53(8), 1142–1153. <https://doi.org/10.1134/s1064229320080141>