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| **Prof. Dr. Bijaya Pant-** **List of Publications**  Updated- June, 2023 | |
| 1. **Referred Journals** | |
| **114**  **113**  **112**  **111**  **110**  **109** | Pradhan, S., Paudel, Y. P., Qin, W., & **Pant, B.** (2023). Genetic fidelity assessment of wild and tissue cultured regenerants of a threatened orchid, Cymbidium aloifolium using molecular markers. *Plant Gene*, *34*, 100418.  Pandey, S., Maharjan, L., & Pant, B. (2023). In vitro Propagation and Assessment of Genetic Homogeneity using RAPD and ISSR Markers in Tinospora cordifolia (Wild.) Hook. F. & Thoms, An Important Medicinal Plant of Nepal. *Journal of Nepal Biotechnology Association*, *4*(1), 27–36. https://doi.org/10.3126/jnba.v4i1.53443  Chand, K., Shah, S., & Pant, B. (2023). Growth Promoting Effect of Endophytic Bacteria Bacillus subtilis From Leaves of Vanda cristata and Its Potential Impact on In vitro Growth of Orchid. *Journal of Nepal Biotechnology Association*, *4*(1), 8–16. https://doi.org/10.3126/jnba.v4i1.53441  Joshi, P. R., Joshi, S., Paudel, M. R., & Pant, B. (2022). Screening of In vitro α-amylase Inhibitory Activity of Wild Orchids of Nepal. *Journal of Nepal Biotechnology Association*, *4*(1), 1–7. https://doi.org/10.3126/jnba.v4i1.53439  Pokharel, B.R., Pandey, S., Manandhar, M.D., Pant B. (2023). *.* Comparative study of essential oil in wild and in vitro cultures of *Valeriana jatamansi* Jones in Nepal. *Plant Biotechnol Rep* (2023). https://doi.org/10.1007/s11816-023-00832-x Thapa, C. B., Bhattarai, H. D., Pant, K. K., and Pant, B. (2023). [In vitro Induction and Proliferation of Callus in Piper longum L. through Leaf Culture](https://www.nepjol.info/index.php/NJST/article/view/49892) Nepal Journal of science and technology. <https://www.nepjol.info/index.php/> |
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| **107** | Thapa, C. B., Bhattarai, H. D., Pant, K. K., Joshi, P. R. J, Chaudhary, T. L., and **Pant, B.** (2023). Antioxidant, antibacterial, and cytotoxic effect of in vitro callus and in vivo rhizome of Paris polyphylla Sm. Process Biochemistry 124:33–43, Available online 16 November 2022, https://doi.org/10.1016/j.procbio.2022.11.005 |
| **106** | Dhungana, S., Pradhan, S., Paudel, M. R., and Pant, B (2022). In vitro Propagation and Genetic Homogeneity Assessment of Dendrobium crepidatum Lindley & Paxton. Plant Tissue Cult. & Biotech. 32(1): 1-11, dpi: <https://doi.org/10.3329/ptcb.v32i1.60467>. |
| **105** | Shah, S., Shah, B., Sharma, Rekadwad B., Shouche, YS, SharmaJ*.,* and **Pant, B.** (2022)*.* Colonization with non-mycorrhizal culturable endophytic fungi enhances orchid growth and indole acetic acid production. *BMC Microbiol* **22,**101 (2022). https://doi.org/10.1186/s12866-022-02507-z |
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| **100** | **Pant, B.,** Chand, K., Paudel, M.R. *et al.* (2021). Micropropagation, the antioxidant and anticancer activity of pineapple orchid: *Dendrobium densiflorum* Lindl. *J. Plant Biochem. Biotechnol.* <https://doi.org/10.1007/s13562-021-00692-y> |
| **99** | Assessment of genetic stability of micropropagated plants of Rhynchostylis retusa (L.) using RAPD markers (2021). BK Oliya, K Chand, LS Thakuri, MK Baniya, AK Sah, **B Pant** Scientia Horticulturae 281, 110008.<https://doi.org/10.1016/j.scienta.2021.110008> |
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