

## CURRICULUM VITAE

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**AWARDS (last five years)- Not any**

**PUBLICATIONS (last five years)**

1. Trivedi VL, Soni R, Dhyani P, **Sati P**, Tejada S, Sureda A, Setzer WN, Razis AFA, Modu B, Butnariu M, Sharifi- Rad J. (2023) Anti-cancer properties of boswellic acids: mechanism of action as anti-cancerous agent. **Frontiers in Pharmacology**, 14:1187181. doi: 10.3389/fphar.2023.1187181, (IF: **5.988**)
2. Dhyani P, Quispe C, Sharma E, Bahukhandi A, **Sati P**, Attri DC, Szopa A, Sharifi-Rad J, Docea AO, Mardare I, Calina D. (2022) Anticancer potential of alkaloids: a key emphasis to colchicine, vinblastine, vincristine, vindesine, vinorelbine, and vincamine. **Cancer Cell International**, 22(1), 1-20, (IF: **6.436**)
3. Sharma E, Attri DC, **Sati P**, Dhyani P, Szopa A, Sharifi-Rad J, Hano C, Calina D, Cho WC. (2022) Recent updates on anticancer mechanisms of polyphenols. **Frontiers in Cell and Developmental Biology**, 10, (IF: **6.081**)
4. Dhyani P, **Sati P**, Sharma E, Attri DC, Bahukhandi A, Tynybekov B, Szopa A, Sharifi-Rad J, Calina D, Suleria HA, Cho WC. (2022) Sesquiterpenoid lactones as potential anticancer agents: an update on molecular mechanisms and recent studies. **Cancer Cell International**, 22(1), pp.1-18. (IF: **6.436**)
5. Sharifi-Rad J, Bahukhandi A, Dhyani P, **Sati P**, Capanoglu E, Docea AO, Al-Harrasi A, Dey, A, Calina D. (2021) Therapeutic potential of neoechinulins and their derivatives: an overview of the molecular mechanisms behind pharmacological activities. **Frontiers in Nutrition**, 8 (IF:**6.576**)
6. Agnihotri V, Adhikari P, Pandey N, **Sati P**, Pandey A. (2020). Thin layer drying behaviour of *Ginkgo biloba* L. leaves with respect to Ginkgolide A and Bilobalide content and microbial load. **Heliyon**, 6(4): e03220 (IF:**3. 776**)

7. **Sati P**, Dhayni P, Bhatt ID, Pandey A. (2019) *Ginkgo biloba* flavonoid glycosides in antimicrobial perspective with reference to the extraction method. **Journal of Traditional and Complementary Medicine** 9 (1): 15-23 (IF: 4.221)
8. Aishvarya N, Malviya MK, Tambe A, **Sati P**, Dhakar K, Pandey A. (2018) Bacteriological assessment of river Jataganga, located in Indian Himalaya, with reference to Physico-chemical and seasonal variations under anthropogenic pressure: A case study. *Journal of Environmental Microbiology* 1 (1): 10-16.

**RESEARCH PROJECT: - Not any**

**BOOKS (AUTHORED) OR EDITED (last five years):**

9. **Sati P**, Sharma E, Soni R, Dhyani P, Solanki AC, Solanki MK, Rai S, Malviya MK. (2023) Bacterial endophytes as bioinoculant: microbial functions and applications toward sustainable farming, *Microbial Endophytes, and Plant Growth*, (pp.167-181), Academic Press
10. Sharma E, Rana S, Sharma I, **Sati P**, Dhyani P. (2023) Organic polymers for CO<sub>2</sub> capture and conversion, *CO<sub>2</sub>-philic Polymers, Nanocomposites, and Chemical Solvents: Capture, Conversion and Industrial Products*, Pages 77-99, Elsevier
11. **Sati P**, Minakshi D, Sharma S, Soni R, Dhyani P. (2022) Secondary Metabolites: Stress Busters for the Development of Resilience in Plants to Sustainable Agriculture; *Microbial Based Land Restoration Handbook, Volume2, 1st edition*, (pp, 131-160), CRC Press
12. Dhyani P, **Sati P**, Rawat S, Tripathi LK, Dhyani S, Pande V. (2022) Diversity of Forest Genes: Impacts on the Structure and Function of Soil Ecosystems Under Changing Climate. In *Forest Dynamics and Conservation: Science, Innovations, and Policies* (pp. 135-159). Singapore: Springer Nature Singapore.
13. Dhyani P, Giri L, Sharma E, **Sati P**. (2021) *Swertia chirayita*, an Endangered Anti-diabetic Plant: Trends in Biotechnological Interventions. *Biotechnology of Anti-diabetic Medicinal Plants*, 133-151. Springer Singapore

**PATENT: -Not any**