



**Name:** Supriya Sharma

**Designation:** Associate Professor

**Department:** Pharmacognosy

Abhilashi College of Pharmacy

**Academic Qualification:** M. Pharmacy

**Area of Specialization:** Herbal drug standardization, chromatographic analysis, natural product drug discovery

**Experience:** 7 years

**M.Pharmacy/Phd Research Project:** “Method development, validation and analysis of berbamine in *Berberis* species. Development and evaluation of topical nano-colloidal formulation of *Berberis* extract”

**Papers Published/Conferences Attended:**

1. Naik, S., Verma, S., Thakur, S., Kumar, S., Thakur, S., Sharma S. Phytochemicals and PPAR Activation: Unlocking Natural Solutions for Neurodegenerative Diseases. *Pharmacological Research: Natural Products*. 2025.
2. Sharma, S., Sharma, D., Dhobi, M. An updated overview on traditional uses, phytochemistry, and pharmacological properties of *Maytenus emarginata* (Willd.) Ding Hou (1981–2024). *Discover Plants*. 2, 2025.
3. Sharma, S., Dhobi, M. A Validated RP-HPLC Method for Simultaneous Quantitative Determination of Lupeol,  $\beta$ -Amyrin, and Stigmasterol in *Maytenus emarginata* (Willd.) Ding Hou. *Chromatographia*. 87. 709-719, 2024.
4. Sharma, S., Sharma, D., Hasan, F., Dhobi, M. The role of nutrition in the management of health and diseases. *IJNPR*. 15(2), 2024.
5. Sharma, D., Sharma, S., Mandal, V., Dhobi, M. Unveiling the anti-inflammatory potential of *Acalypha indica* L. and analyzing its research trend: digging deep to learn deep. *Naunyn-Schmiedeberg's Archives of Pharmacology*, 2023.
6. Sharma, S., Sharma, D., Dhobi, M., Tiwari, D. An insight to treat cardiovascular diseases through

phytochemicals targeting PPAR- $\alpha$ . *Molecular and Cellular Biochemistry*, 2023.

7. Sharma, S., Nair, N., Majeed, J., Patel, B., Mandal, V., Dhobi, M. Critically analyzing the resilience of Alternative and Complementary Medicines as possible COVID-19 intervention: a cross-sectional study based on CTRI database. *Journal of Herbal Medicine*, 2023.

8. Vij, M., Dand, N., Sharma, S., Nair, N., Sahu, S., Wadhwa, P. Role of 3D printing in biomechanics. In book: *3D Printing in Podiatric Medicine*. Elsevier, 2023:1-33.

9. Wadhwa, P., Sharma S., Sahu S., Sharma, Ajit & Kumar D. A Review of Nanoparticles Characterization Techniques. *Current Nanomaterials*, 2022:07.

10. Sharma, A., Wakode, S., Sharma, S., Fayaz, F. Role of Gut Microbiota and Probiotic in Chronic Fatigue Syndrome. In: Kaur I.P., Deol P.K., Sandhu S.K. (eds) *Probiotic Research in Therapeutics*. Springer, Singapore, 2022.

11. Patel, B., Sharma, S., Nair, N., Majeed, J., Goyal, R.K., Dhobi, M. Therapeutic opportunities of edible antiviral plants for COVID-19. *Molecular and Cellular Biochemistry*, 2021, 476(3):1-20.

12. Sharma, S., Wakode, S., Sharma, A., Nair, N., Dhobi, M., Wani, M.A. Effect of environmental toxicants on neuronal functions. *Environmental Science and Pollution Research*. 2020, 27(36):44906-44921.

13. Sharma, A., Wakode, S., Sharma, S., Fayaz, F., Pottou, F.H. Methods and strategies used in Green Chemistry: A Review. *Current Organic Chemistry*. 2020, 24(22):2555-2565.

14. Sharma, S., Singla, S., Goyal, S., Purohit, S., Paliwal, H., Soni, A. Formulation of fast dissolving tablets of Aceclofenac by solid dispersion methods and evaluation. *Asian Journal of Biochemical and Pharmaceutical Research*. 2018, 4(7), 66-75.

15. Singla, S., Sharma, S., Purohit, S., Paliwal, H., Goyal, S. Fast dissolving tablets of aceclofenac: development and optimization. *International Journal of Science*. 2018, 5(3), 37-41.

#### **Conferences attended:**

1. Oral presentation in International conference of Pharmacy (ICP-2024) on the theme "Pharmacy Horizons: Pioneering trends in Pharmaceutical Research and Development" in November, 2024 at RIMT University.

2. Paper presentation in International IASTAM Conclave on "Regulatory Aspects of Ayush Products for Global Reach and Competitiveness" in January 21-22, 2023 at DPSR University, New Delhi.

3. Paper presentation in one week program "Har din Harghar Ayurveda" on the theme "Ayurveda for Happy and Healthy Life of Senior Citizens" from Oct 03-08, 2022 at DPSR University, New Delhi.

4. Paper presentation in International IASTAM Conclave on "Multi Targeted Therapeutics in Unani and Ayurvedic Medicine and Food Supplement" in July 29-30, 2022 at Jamia Hamdard, New Delhi.

5. Participated in International Webinar on Infectious Diseases Preparedness: a special focus on COVID-19 challenges and opportunities in November 20, 2020 organized by Sikkim Manipal Institute of Medical Sciences, Research unit, Sikkim.

6. Participated in National Webinar on Update Ayurveda on December 16, 2020 organized by Department of Rasashastra and BhaishajyaKalpana, Nashik.
7. Participated in National conference on “Green chemistry: Perspective in eco-friendly drug discovery development and manufacturing” on April 12, 2019 held at Himalayan Institute of Pharmacy, Kalamb, Sirmour, H.P.
8. Participated in a symposium on “Emerging Trends in Pharmaceutical Sciences” on February 6, 2015 held at Panjab University.
9. Participated in Chascon-2016 held at Panjab University, Chandigarh.
10. Volunteered in International Conference, NanoScitech 2016 held at Panjab University, Chandigarh.

**Additional Professional Activities:**

1. Active reviewer in Elsevier, Springer Nature and Frontiers of Pharmacology.
2. Contributed as an Evaluator in the 1st International Conference on Computational Drug Design: Trends, Challenges, and Future Prospects, held on 22nd March 2025 in Govt. College of Pharmacy Rohru, District. Shimla, Himachal Pradesh-171207.



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