



GAURAV UPADHYAY

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SUMMARY

14 years of experience in teaching, research, academic administration and accreditation specializing in Pharmacognosy and Phytochemistry. Completed M. Pharm. in Pharmacognosy from I.S.F. College of Pharmacy, Moga (Punjab) and pursuing Ph.D. from Teerthanker Mahaveer University, Moradabad (Uttar Pradesh). Actively engaged in research related to plant pharmacology, herbal drug technology, pharmacognostical standardization, phytopharmacology and natural product chemistry. Research interests include the pharmacological evaluation of herbal products and possess extensive hands-on expertise in column chromatography, HPTLC, HPLC, UV spectrophotometry, semi-automatic biochemical analyzers, plant microscopy (qualitative and quantitative), histopathological techniques etc. Supervised M. Pharm and B. Pharm. students of Uttarakhand Technical University, Dehradun; Swami Vivekanand Subharti University, Meerut; and Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

BOOKS/CHAPTERS PUBLISHED

- **Upadhyay G.**, Maurya M., Chauhan N., Traditional claim of *Roylea elegans* Wall. on Liver Disorder: A newly developing medicament to protect your liver was published, LAP Lambert Academic Publishing, Germany, ISBN-10: 3659138878.
- **Upadhyay G.**, Maurya M., Gupta G., HPTLC and HPLC validation of biomarkers: Finger printing profile of Luteolin from *Eliptica elba*, LAP LAMBERT Academic Publishing, Germany, ISBN-10: 3659144045.
- **Gaurav Upadhyay**, Harikesh Maurya, Pradeep Pandey, Pharmacognosy for Diploma in Pharmacy (As per ER-2020) - Bilingual, PKART PUBLICATION, 2021.
- **Gaurav Upadhyay**, Priya Thakur, Book Chapter entitled as 'Ethanopharmacognosy of Medicinal Plants: Challenges and Biotechnological Advancements' pp.- 93-101, in book

‘Ethnopharmacology and OMICS Advances in Medicinal Plants Volume-1, Uncovering Diversity and Ethnopharmacological Aspects’, Springer, 2024.

PAPERS PUBLISHED

- Afzal M., Gupta G., Kazmi I., Rahman M., **Upadhyay G.**, Ahmad K., Imam F., Pravez M., Anwar F., Evaluation of anxiolytic activity of Embelin isolated from *Embelia ribes*, Biomedicine and Aging Pathology, Elsevier, 45-4, 2012.
- Gupta G., Kazmi I., Afzal M., **Upadhyay G.**, Singh R., Habtemariam S., Antidepressant-like activity of Embelin isolated from *Embelia ribes*, Phytopharmacology, 4(1), 87-95, 2013.
- Upadhyay J., **Upadhyay G.***, Joshi R., Juyal V., Effect of Rhododendron flower juice on the bioavailability of amlodipine in rats, International Journal of Bioassay, vol- 3, 2014.
- **Gaurav Upadhyay***, Jai Malik, Rohit Joshi, Lakshmayya, UK Singh, Hepatoprotective potential of lyophilized hydro-Alcoholic extract of *Roylea elegans* Wall. against CCL₄ and PCM induced Hepatotoxicity in Wistar Rats, Annals of Pharmacology and Pharmaceutics, Volume 2, Issue 8, 2017.
- Manita Malik and **Gaurav Upadhyay***, *Leea macrophylla*: A Review on Ethanobotanical Uses, Phytochemistry and Pharmacological Action, Pharmacognosy Reviews, June 2020, 14(27):33-36.
- **Gaurav Upadhyay**, Nidhi Tiwari, Harikesh Maurya, Jyoti Upadhyay, Rohit Joshi and Mohd Nazam Ansari, *In vivo* wound-healing and antioxidant activity of aqueous extract of *Roylea elegans* leaves against physically induced burn model in Wistar albino rats, 3 Biotech (Springer), 11 (442), 2021.
- Anshika Maheshwari, Dr. Pallavi M. Lavhale, **Gaurav Upadhyay**, Novel Perspectives and Insights into the Pharmacological Potential of Berberine for Human Health, YMER, 2023, 22(12), 2258-2270.

MEMBERSHIP

Life time membership of Indian Pharmaceutical Graduate Association (IPGA) with membership no.-LM-4366