

Dr. Jadhav R.B., M.Pharm., Ph.D.

Principal

Campus Address:

Sant Dnyaneshwar Shikshan Sanstha's Annasaheb Dange College of B Pharmacy

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Education:

Ph.D. (2010): Birla Institute of Technology, Ranchi

M.Pharm. (1998): Poona College of Pharmacy, Pune

B. Pharm. (1992): Maharashtra College of Pharmacy, Nilanga Dist Latur

Professional Work Experience:

October 2019 to till date: Principal, SDSS's Annasaheb Dange College of B Pharmacy, Ashta, Sangli.

Teaching	Research	Industry	Total
19 Years	06 Years	02 Years	21

Professional Affiliations: Association of Pharmaceutical Teachers of India (MA/LM-184); Registered Pharmacist (Registration No. 101722); Bioinformatics Institute of India (L-1346); Indian Society of Pharmacognosy (ISP/LM-MS/J-004); Medicinal & Aromatic Plant Producers Association, Pune (LM/42)

Subject Taught: UG- Pharmacognosy, Biotechnology

:PG- Herbal Drug Technology, Advanced Pharmacognosy

Research Foci: Evolution and ecology of plant secondary metabolites and their applications in medicine and agriculture; rationalization of ethnomedicinal claims; Molecular pharmacology of plant triterpenoids.

Number of Research Projects: 01

Grants Received: Rs. 9.9 Lac

Number of Publications: 29

Resource Person Presentations: 19

Patent: Patil C.R., Jadhav R.B., Patil K. R. 2008. Herbal composition comprising Bartogenic acid containing extract of fruits of *Barringtonia racemosa* (Patent No. 271953 granted on 11/03/2016 (Application No. 2583/MUM/2008, filed on 11.12.2008)

Selected Publications:

- Patil C.R., Sonara B.M., Mahajan U.B., Patil K.R., Patil D.D., Jadhav R.B., Goyal S.N., Ojha S., 2016. Chemomodulatory potential of Bartogenic Acid against DMBA/Croton oil induced two-step skin carcinogenesis in mice. *Journal of Cancer* 2016; 7(14):2139-2147. doi:10.7150/jca.16446.
- Jadhav H. P., Chaudhari G. G., Patil D.D., Jadhav R. B., Reddy N. M., Shirkhedkar A. A., Goyal S. N., Patil C.R. (2016) Standardization of homeopathic mother tincture of *Toxicodendron pubescens* and correlation of its flavonoid markers with the biological activity. *Homeopathy*, 105 (1), 48-54.
- Dubey V.K., Patil C.R., Kamble S.M., Tidke P.S., Patil K.R., Maniya P. J., Jadhav R.B., Patil P.S.,(2013). Oleanolic acid prevents streptozotacin induced diabetic nephropathy & protects renal microstructure in Sprague Dawley rats. *Journal of Pharmacology & Pharmacotherapeutics*, 4(1), 47-52.
- Patil CR, Rambhade AD, Jadhav RB, Patil KR, Sonara BM, Dube VK (2011). Modulation of arthritis in rats by *Toxicodendron pubescens* and its homeopathic dilutions. *Homeopathy* 100: 131-137.
- Shelke NN, Kuber VV, Bhoje SG, Jadhav RB (2011). Simultaneous determination of E-guggulsterone, Z-guggulsterone, 11-keto β -boswellic acid and 3-acetyl 11-keto β -boswellic acid from anti-arthritic formulation by HPTLC. *Journal of Planar Chromatography* 24 (3): 242-247.
- Jadhav RB, Patil MS, Patil CR (2011). Anticonvulsant activity of aqueous root extract of *Ficus religiosa*. *Journal of Ethnopharmacology* 133(1): 92-96.
- Jadhav RB, Bhatnagar SP, Surana SJ (2010). Diuretic activity of squamate mistletoe, *Viscum angulatum*. *Pharmaceutical Biology* 48 (4): 417-421.
- Patil CR, Jadhav RB, Singh PK, Mundada SJ, Patil PR (2010). Protective effect of oleanolic acid on Gentamicin-induced nephrotoxicity in rats. *Phytotherapy Research* 24 (1): 33-37.
- Patil KR, Patil CR, Jadhav RB, Mahajan VK, Patil PR, Gaikwad PS (2009). Anti-arthritic activity of bartogenic acid isolated from fruits of *Barringtonia racemosa* Roxb. (Lecythydaceae). *Evidence Based Complementary and Alternative Medicine* doi:10.1093/ecam/nep148.
- Jadhav RB, Anarthe SJ, Surana SJ, Gokhale SB (2005). Host-hemiparasite transfer of the C-glucosyl xanthone mangiferin between *Mangifera indica* and *Dendrophthoe falcata*. *Journal of Plant Interactions* 1 (3): 171-177.

