Dr. LALIT SINGH CHAUHAN

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Dr. LALIT SINGH CHAUHAN

293, Sector-11, Hiran Magri, Udaipur 313001 Rajasthan – India Date of Birth: 14th January 1972

Educational Qualification

Professional

- Bhupal Nobles College of Pharmacy, Udaipur (Rajasthan University), Bachelor of Pharmacy, 1990-1994,1st Division.
- KLEs College of Pharmacy, Belgaum (Rajiv Gandhi University of Health Sciences, Bangalore), Master of Pharmacy (Pharmacology), 1997-1999, 1st Division.
- Ph.D. on the topic "Synthesis and Pharmacological Studies of some Substituted Hydroxytriazenes" from Mohanlal Sukhadia University, Udaipur (Rajasthan), in Faculty of Science, Department of Pharmaceutical Sciences, under the Supervision of Dr. C. P. Jain and Dr. R. S. Chauhan.

Registration as a Pharmacist:

• Registered with Rajasthan Pharmacy Council, Jaipur (Raj.)

Work Experience:

- **Presently working as Professor at** Deaprtment of Pharmaceutical Sciences, Mohan Lal Sukhadia University, Udaipur from December 2015 to till date.
- Worked as Associate Professor, Deaprtment of Pharmaceutical Sciences, Mohan Lal Sukhadia University, Udaipur from February 2012 to December 2015.

- Worked as Professor, Dept. of Pharmacology, B.N. Girls College of Pharmacy, Udaipur, from September 2009 to February 2012.
- Worked as Assit. Professor, Dept. of Pharmacy, University of 7th October, Misurata, Libya from Dated September,2007 to July, 2009.
- Worked as Reader, Dept. of Pharmacology, B.N.College of Pharmacy, Udaipur from Sept. 2004 to September, 2007.
- Worked as Lecturer, Dept. of Pharmacology, B.N.College of Pharmacy, Udaipur from Sept. 1999 to August, 2004.

Memberships:

Life member of IPS and APTI

Guided Students Projects:

M. Pharm –05 Ph D- 07

Paper Published:

- Chauhan L. S., Jain C.P. & Chauhan C.S. "Focus on Inflammation and Their Mediators: A Review" On-Line; 2006; www. pharma infonet. com.
- Rathore R. P. S., Chauhan C.S., Naruka P.S., Tawar Y.S. & Chauhan L.S. "Transdermal formulation of Terbutaline sulphate" Pharmacy On-Line; 2006; <u>www.priory.com</u>.
- Chauhan L.S., Jain C.P., Singh C., Chauhan R.S., & Goswami A.K. "Antiinflammatory activity of some substituted hydroxytriazene on Wister rats" *Biosci. Biotech. Re. Asia*, Vol. 3(2a), 2006, 381-384.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. "Wound-healing Activity of some substituted Hydroxytriazenes" *Adv. Pharmacol. Toxicol.*, Vol. 7(3), 2006, 73-78.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. "Synthesis of hydroxytriazenes and their analgesic activity" *Asian Journal of Chemistry*, Vol. 19 (6), 2007,4684 4688.
- Chauhan L.S. & Neeraj V., Anti-inflammatory activity of leaves of neptunia oleracea. *Advances in Pharmacology and toxicology*, 2007, 21-24
- Tanwar Y.S., **Chauhan L.S.**, Chauhan L.S. & Naruka P.S., "Development and Evaluation of buccal film of Propranolol hydrochloride" *Int. J. Chem. Sci.*, Vol. 4(2), 2006, 305-310.

- Gaur K., Rana A.C., **Chauhan L.S**. & Sharma C.S. Investgaton of Immunomodulary potential of *Euphorbia neriifolia Linn* against Betamethasone induced Immunosuppression. *Int. J. Pharmacognosy and Phytochemical Research.*,2009, 1(1), 8 11.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Synthesis and Antimicrobial Activity of some Substituted Hydroxytriazenes, *Journal of chemical and Pharmaceutical research*, 2010,2(4): 979-983.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Wound-healing activity of hydroxytriazenes-A new class of bioactive compounds, *Journal of chemical and Pharmaceutical research*, 2010, 2(1);539-546.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Toxicity studies of substituted hydroxytriazenes on rodents. *Journal of Global Pharma Tecnology*, 2010, 2(11): 11-16.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Synthesis of some substituted hydroxytriazenes and their analgesic activity. *Journal of chemical and Pharmaceutical research*, 2010,2(4): 999-1003.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Synthesis and Neuropharmacological effects of some substituted hydroxytriazenes. *Journal of Global Pharma Tecnology*. 2011, 3(4): 9-14.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Anti-inflammatory activity of some substituted hydroxytriazenes, *Journal of Global Pharma Tecnology*, 2010, 2(3); 107-111.
- Chauhan L.S., Jain C.P., Chauhan R.S., & Goswami A.K. Evaluation of CNS activity of hydroxytriazenes in mice, *Journal of Global Pharma Tecnology*, 2010, 2(3): 64-70.
- Bapna M., Parashar B., Sharma V.K. & Chauhan L.S. Microwave-assisted synthesis of some novel and potent antibacterial and antifungal compounds with biological screening. Med. Chem. Res. Published online: 27 March 2011.
- Ashawat M.S., Chauhan L.S. & Ashawat P. Marine- Most Diverse Sources Promising as Potential to Drug Therapy. *Research J. Pharm. and Tech.* 5(10): October 2012
- Dashora N., Chauhan L.S., & Kumar N. Luffa Acutangula (Linn.) Roxb. Var. Amara (Roxb.) A Consensus Review. *Int. J. Pharm. Bio. Sci.* 2013, Apr; 4(2):835-846.
- Chauhan B.S., Chauhan L.S., Chatterjee A., Niraj, Pandey S. & Baghel U.S. An Approach Based on Advantages over Conventional System. *J. of Biomed. and Pharma. Res.* 2 (1) 2013, 41-51.
- Dangi G., Kumar N., Sharma C.S. & **Chauhan L. S.** Synthesis, anticonvulsant activity of some novel benzimidazole acetothyrazines. Journal of drug delivery & Therapeutics; 2014, 4 (2), 182-185.
- Kumar N., Sharma C.S., Ranawat M.S., Singh H.P., **Chauhan L.S.** & Dashora N. Synthesis, analgesic and anti-inflammatory activities of novel mannich bases of benzimidazoles. Journal of Pharmaceutical Investigation; 2014, DOI 10. 1007/s40005-014-0145-0.
- Bapna M. and Chauhan L.S. Microwave Assisted Synthesis and In-Silico Molecular Modeling, Toxicity Studies of Some New Derivatives of (E)-

(Substituted) Benzylidene-1-Isonicotinoylpyrazolidine-3,5-Dione as Lead Compounds. Inventi Rapid: Molecular Modeling Vol. 2014, Issue 3, 1-6.

- Sharma G.K., Dashora A., Kumar N., Dashora N., **Chauhan L.S**. A Consensus Review on Hepatoprotective Potentiel of Herbal Drugs. International Journal of Pharmaceutical Technology and Biotechnology, 2014;1(1):34-47.
- Kumar N., **Chauhan L.S**., Dashora N., Sharma C.S. Anticonvulsant potential of Hydrazone derivatives: A Review. Scholar Academic Journal of Pharmacy, 2014; 3(4): 366-373.
- Bapna M. and **Chauhan L.S**. Microwave assisted synthesis and *in silico* molecular modeling studies some new derivatives of (Z)-N-(4-(4-(substituted-benzylidene)-5-oxo-2-phenyl-4,5- dihydroimidazol-1-yl)phenyl)acetamide as lead compounds. Der Pharma Chemica, 2014, 6(4): 1-9.
- Kumar N. and **Chauhan L. S**. Analgesic and anti-inflammatory potential of hydrazones. Journal of Chemical and Pharmaceutical Research, 2014, 6(12):916-934
- Kumar N. and **Chauhan L.S**. Antimicrobial Potential of Hydrazide-Hydrazone Derivatives: A Review. International Journal of Pharmaceutical and Clinical Research 2015; 7(2): 154-161.
- Kumar N., Chauhan L S., Sharma C.S., Dashora N. and Bera R. Synthesis, analgesic and anti-inflammatory activities of chalconylincorporated hydrazone derivatives of mefenamic acid. Med Chem Res. DOI 10.1007/s00044-015-1318-8.
- Bapna M. and **Chauhan L. S**. Synthesis and molecular modeling studies of some new derivatives of benzylidene-2-phenyl-1H-imidazol-5(4H)-one. *Int J Ayu Pharm Chem Vol. 1, Issue 2, 2014.* 7-20.
- Dashora N., **Chauhan L.S.** and Kumar N. *In vitro* Cytotoxic Activity of *Luffa acutangula* on Human Neuronal Glioblastoma and Human Lung Adenocarcinoma Cell Lines. Sch. Acad. J. Pharm., 2014; 3(5): 401-405.
- Chauhan L.S.Effect Of *Aloe Vera* And *Azadirachta Indica* On Wound-Healing Process. Journal of Global Pharma Technology. 2015; 7(01):01-04.
- Bapna M. and Chauhan L.S.The Ambidextrous Cyclooxygenase: An Enduring Target. *Inflammation & Allergy Drug Targets*, 2014, *13*, 387-392.
- Mishra S. S., Sharma C.S., Singh H.P., Kumar N and **Chauhan L.S**. A Review on Biological Activities of Benzotriazole Derivatives. International Journal of Pharmaceutical Technology and Biotechnology, 2015; 2(2):10-20
- Kumar N. and **Chauhan L.S**. Synthesis and Anticonvulsant Activity of Some Flavones Incorporated Hydrazide Derivatives, International Journal of Pharmaceutical and Clinical Research 2015; 7(4): 317-322
- Kumar N., Bhatt D., Dashora N. and **Chauhan L. S.**, Synthesis and Pharmacological activities of Chalcone derivatives: An overview, International Journal of Innovative Research in Pharmaceutical Sciences;, 2015; 1(1); 20-25
- Kumar N. and **Chauhan L.S.**, Synthesis and anticonvulsant activity of some chalcones incorporated hydrazide derivatives, Journal of Chemical and Pharmaceutical Research, 2015, 7(6):775-780

- Dashora N. and **Chauhan L.S**., *In vitro* antioxidant and *in vivo* anti-tumor activity of *Luffa acutangula* against Dalton's Lymphoma Ascites (DLA) cells bearing mice, Journal of Chemical and Pharmaceutical Research, 2015, 7(6):940-945
- Dashora N. and **Chauhan L. S.**, Evaluation of Antitumor Potential of *Luffa acutangula* on Ehrlich's Ascites Carcinoma Treated Mice, International Journal of Pharmaceutical and Clinical Research 2015; 7(4): 296-299.
- Nagar J.C. and **Chauhan L.S.**, Hypoglycemic and hypolipidemic activity of root extracts of *Erythrina variegata* in alloxan induced diabetic rats, Asian Journal of Biomedical and Pharmaceutical Sciences, 5(46), 2015, 25-30.
- Nagar J.C. and **Chauhan L.S.**, Antioxidant Activity of *Erythrina variegata* and *Breynia vitis-idaea* in Alloxan Induced Diabetic Rats, International Journal of Advanced Research (2016), Volume 4, Issue 1, 840- 845
- Nagar J.C. and **Chauhan L.S**., Antihyperglycemic And Antihyperlipidemic Effect Of *Breynia Vitis-Idaea* Leaf Extracts In Streptozotocin Induced Diabetic Rats, European Journal of Pharmaceutical and Medical Research, 2016,3(2), 194-199
- Nagar J.C. and **Chauhan L.S.**, Antihyperglycemic and Antihyperlipidemic activity of root extracts of *erythrina variegata* in streptozotocin induced diabetic rats, World Journal of Pharmaceutical Research, Vol 5, Issue 2, 2016.1322-1332
- Lowlekar R. and **Chauhan L.S.**, Application of design of experiments to optimize gastro retentive drug delivery systems for ciprofloxacin HCL and Metronidazole, Asian Journal of Pharmaceutical Research and Development, Vol.4(4), 2016: 1-9.
- Lowlekar R. and **Chauhan L.S.**, Design and evaluation of floating gastro retentive tablets of fixed dose combination of ciprofloxacin and metronidazole, Innovation in Pharmaceuticals and Pharmacotherapy, Vol 4 (2), 2016: 202-211.
- Lowlekar R. and **Chauhan L.S**. *In-vitro* release kinetics, *in-vitro* buoyancy studies and *in-vivo* Floating behavior of gastro-retentive tablets of Ciprofloxacin and Metronidazole, Journal of Innovations in Pharmaceuticals and Biological Sciences, Vol.3(3) 2016, 75-83.
- Kumar N., Sharma C.S., Singh H.P. and **Chauhan L.S**., Synthesis and *in vitro* evaluation of novel isatinincorporated thiadiazole hybrids as potential anti-breast cancer agents, Tropical Journal of Pharmaceutical Research August 2017; 16 (8): 1957-1963
- Chouhan S. and Chauhan L.S., Effect of surfactant chain length on emulsification dynamics of self emulsifying formulation of poorly soluble drug, Current Drug DeliveryVol. 19(8), 2022, 874-888.