

List of Research Articles of Chitkara College of Pharmacy (In International And National Journals)

International Journals 2012

1. Ashish K Rehni; Nirmal Singh. Ammonium pyrrolidine dithiocarbamate and RS 102895 attenuate opioid withdrawal in vivo and in vitro. *Psychopharmacology (Berl.)*. 2012
2. Ashish K Rehni; Nirmal Singh. Potential involvement of tyrosine phosphatase and calpain-related pathways in opioid withdrawal syndrome in mice. *Behavioural Pharmacology*. 2012
3. Ashish K Rehni; Nirmal Singh; Mahesh Rachamalla; Kulbhushan Tikoo. Modulation of histone deacetylase attenuates naloxone-precipitated opioid withdrawal syndrome. *Naunyn Schmiedebergs Archives of Pharmacology* 2012.
4. Ashish K Rehni; Thakur Gurjeet Singh. Involvement of CCR-2 chemokine receptor activation in ischemic preconditioning and postconditioning of brain in mice. *Cytokine: The Official Journal of Cytokine Society*.2012.

International Journals 2011

1. Rakesh K Sindhu, SK Sharma and Neeru vasudeva, "Hypolipidemic activity of ethanolic extract of *Verbesina encelioides* Benth. Roots", *Acta Pol. Pharm.*, 2011.
2. Rehni Ashish K; Singh Nirmal, Modulation of src-kinase attenuates naloxone-precipitated opioid withdrawal syndrome in mice, *Behavioural pharmacology*, 2011.
3. Reecha Madaan, Anupam Sharma, "Evaluation of anti-anxiety activity of *Actaea spicata* Linn", *International Journal of Pharmaceutical Sciences and Drug Research*, 2011.
4. Reecha Madaan, Gundeep Bansal, Anupam Sharma, "New phenolic glycosides from the roots of *Actaea spicata* Linneaus", *Bulletin of Pharmaceutical Research*, 2011.
5. Sonia Dhiman, Thakur Gurjeet Singh And Ashish Kumar Rehni Transdermal Patches: A Recent Approach To New Drug Delivery System. *International Journal of Pharmacy and Pharmaceutical Science*. 2011.
6. Inderbir Singh, Pradeep Kumar, Manju Nagpal, Sandeep Arora. Ion- exchange resin complexation: Masking the bitter taste of cefuroxime axetil. *Revista Cubana de Farmacia*. 2011.
7. Inderbir Singh, Pradeep Kumar. Preformulation studies for direct compression suitability of cefuroxime axetil and paracetamol:A graphical representation. *Acta poloniae pharmaceutical- Drug Research*. 2011.
8. Rakesh K Sindhu and Sandeep Arora. Phytochemical and Pharma cognostical Studies on *Murraya Koenigii*(L)speng. Roots. *Drugs Invention today*. 2011.
9. Sonia Dhiman, Thakur Gurjeet Singh, Ashish Kumar Rehni Surbhi Sood Sandeep Arora. Gastroretentive: A Controlled Release Drug

- Delivery System. *Asian Journal of Pharmaceutical and Clinical Research* Vol 4 Suppl 1 2011.
10. Ashish K Rehni; Thakur Gurjeet Singh; Sandeep Arora. SU-6656, a Selective Src Kinase Inhibitor, Attenuates Mecamylamine-Precipitated Nicotine Withdrawal Syndrome in Mice. *Nicotine and Tobacco Research*. 2011
 11. Ashish K Rehni; Thakur Gurjeet Singh Modulation of leukotriene D4 attenuates the development of seizures in mice. *Prostaglandins, Leukotrienes and Essential Fatty Acids* 85, 970 (2011).
 12. Ashish K Rehni; Thakur Gurjeet Singh; Tarun Kakkar; Sandeep Arora Involvement of src-kinase activation in ischemic preconditioning induced protection of mouse brain. *Life Sciences* 88, 8250 (2011).
 13. Ashish K Rehni; Thakur Gurjeet Singh; Prem Chand. Amisulpride-induced seizurogenic effect: a potential role of opioid receptor-linked transduction systems. *Basic and Clinical Pharmacology and Toxicology* 108, 3100 (2011).
 14. Ashish K Rehni; Nirmal Singh. Modulation of src-kinase attenuates naloxone-precipitated opioid withdrawal syndrome in mice. *Behavioural Pharmacology* 22, 1820 (2011).
 15. Sonia Dhiman, Surinder Verma. Optimization of melt- in –mouth tablet of levocetirizine dihydrochloride using response surface methodology. *International Journal of Pharmacy and Pharmaceutical sciences*. 2011.
 16. Arvind Sharma, Sandeep Arora, aastha gupta, R.K. Mittal. Percutaneous delivery of anti depressant drug Venlafaxine using elasticleposomal formulation. *Journal of Pharmacy Research- Vol. 4, issue 11-2011*.
 17. Gurpreet Arora ,Karan Malik, Inderbir Singh ,Sandeep Arora Vikas Rana Formulation and evaluation of controlled release matrix mucoadhesive tablets of domperidone using Salvia plebeian gum. *JAPTR*. 2011.
 18. Ashish K Rehni, Thakur Gurjeet Singh. Modulation of Leukotriene D4 attenuates the development of Seizures in mice. *Prostaglandins, Leukotrienes and essential Fatty Acids*. 2011.
 19. Vipasha dhillon, shivang sharma, subheet jain sandeep arora, arvind sharma. Formulation characterization and evaluation of new topical 5-fu by drug entrapment in oleic acid vesicles. *American journal of pharma tech research*. 2011.
 20. Sharma arvind ,dhillon vipasha, gupta aastha, arora sandeep evaluation of transdermal, permeability of zidobudine entrapped in oleic acid vesicles. *Indoglobal research journal of pharmaceutical sciences*. 2011.
 21. Vikas kumar, sharma arvind ,dhillon vipasha, , arora sandeep. Use of simple spectrophotometric method for estimation of theophylline(th) in saliva and urine of healthy human volunteer. *International journal of pharma and bio sciences*. 2011.
 22. Arvind Sharma, Sandeep Arora. Commercial challenges and emerging trends in oral delivery of peptide and protein drugs: a

- review. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*. 2011.
23. Arvind Sharma, S. Arora, P. Grewal, V. Dhillon, V. Kumar. Recent Innovations in delivery of Artificial Blood Substitute: A Review. *International Journal of Applied Pharmaceutics*. 2011.
 24. Sonia Dhiman, Dharmila and Pravin Pawar. Mouth dissolving tablets: as a potential drug delivery system-review. *International Journal Of pharmaceutical Sciences Review and Research*. 2011.
 25. Sonia Dhiman, Thakur Gurjeet Singh, Dharmila. Nanosuspension: a recent approach for nano drug delivery system. *international journal of current pharmaceutical Research*. 2011

International Journals 2010

1. Rehni Ashish K; Singh Thakur Gurjeet," Levamisole-induced reduction in seizure threshold: a possible role of nicotinic acetylcholine receptor-mediated pathway.", *Naunyn-Schmiedeberg's archives of pharmacology*, 2010.
2. Rehni Ashish K; Singh Thakur Gurjeet; Bhateja Pradeep; Singh Nirmal; Arora Sandeep, "Involvement of cyclic adenosine diphosphoribose receptor activation in ischemic preconditioning induced protection in mouse brain.", *Brain research*, 2010.
3. Rehni Ashish K; Singh Thakur Gurjeet; Singh Nirmal; Arora Sandeep, "Tramadol-induced seizurogenic effect: a possible role of opioid-dependent histamine H1 receptor activation-linked mechanism", *Naunyn-Schmiedeberg's archives of pharmacology*, 2010.
4. Pradeep Kumar, Sindhu R K, Singh I, Arora S " Honey Collected from Different Flora of Chandigarh Tricity: A Comparative Study involving Physico-chemical Parameters and Biochemical activities.", *Journal of Dietary Supplements*, 2010
5. Rakesh K Sindhu, Pradeep Kumar, Jagdeep Kumar, Ashok Kumar, Sandeep Arora, "Investigations into the Anti-ulcer Activity of *Rheum ribes* Linn. Leaves Extract: A Biochemical study", *International Journal of Pharmacy and Pharmaceutical Sciences*, 2010
6. Rakesh K Sindhu SK Sharma and Neeru vasudeva, "Pharmacognostical and Preliminary Phytochemical screening of *Verbesina encelioides* Benth. Roots.", *Journal of Herbal Medicine and Toxicology*, 2010
7. Rakesh k Sindhu Pradeep Kumar, Inderbir Singh and Sandeep Arora, "Hypoglyceamic potential of *Verbesina encelioides* Benth. roots", *Research Journal of Pharmacognosy and Phytochemistry*, 2010.
8. Rakesh k Sindhu, Upma, Ashok Kumar and Sahil Arora, " *Santalum album* Linn: A review on morphology, phytochemistry and pharmacological aspects" *International Journal of Pharm Tech Research*, 2010.
9. Reecha Madaan, Bikramjit Singh, Suresh Kumar "Pharmacognostic Standardization of *Conium maculatum*", *Journal of Pharmaceutical and Biomedical Sciences*, 2010.

10. Reecha Madaan, Anupam Sharma, "Anti-anxiety activity studies on various fractions of *Actaea spicata* Linn", *Journal of Pharmaceutical and Biomedical Sciences*, 2010.
11. Arvind Sharma, Sandeep Arora, Prem Chand, Abhinav Kapoor, "Synthesis Of Colon Specific N, Nbis (2chloroethyl) Aniline Polyphosphazene Copolymer Conjugates", *International Journal of Pharmacy and Pharmaceutical Sciences*, 2010.
12. Sharma A, Arora S, Grewal P, Chand P, Dhillon V, Malik K, Goel A, "A Comparative Bioequivalence Study Of Some Brands Of ofloxacin By Urine And Salivary Analysis In India", *International Journal of Drug Development & Research*, 2010.
13. Geeta Aggarwal, Arvind Sharma, "Controlled Release Of A Poorly Water Soluble Drug Prednisolone From Heterodisperse Hydrogel System", *International Journal of Pharma and Biosciences*, 2010.
14. Arvind sharma Geeta Aggarwal, Arvind Goel, Sanju Dhawan, "Carriers/Vesicle Based Approaches For Penetration Enhancement In Transdermal Drug Deliver Y System", *Pharmainfo Latest Reviews*, 2010.
15. Arvind Sharma, Subheet Jain, Manu Modi, Vikrant Vashisht, Harpreet Singh, "Recent Advances In Ndds (Novel Drug Delivery Systems) For Delivery Of Anti-Hiv Drugs", *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2010.
16. Arvind Sharma, Manish Jindal, G. Aggarwal, S. Jain, "Development of a Novel Method for Fabrication of Solid Lipid Nanoparticles: using High Shear Homogenization and Ultrasonication", *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 2010.
17. Kumar Vikas, Sharma Arvind, Sharma Ashish, Joshi Gourav, Dhillon Vipasha, "Recent advances in NDDS (novel drug delivery system) for delivery of anti-hypertensive drugs", *International Journal of Drug Development and Research*, 2010.

International Journal 2009

1. Rakesh K. Sindhu, S. Shrivastav, I. B. Singh and Pankaj Kalra, "Psoria", *International Journal of Pharmaceutical Research and Development*, 2009.
2. Rehni Ashish K; Singh Thakur Gurjeet; Kalra Rohit; Singh Nirmal, "Pha inhibition of inducible nitric oxide synthase attenuates the development c in mice", *Nitric oxide : biology and chemistry / official journal of Society*, 2009.
3. Kaur Shaminder; Rehni Ashish K; Singh Nirmal; Jaggi Amteshwar S. "cerebral protection of digoxin against ischemia/reperfusion injury in n zasshi : Journal of the Pharmaceutical Society of Japan, 2009.
4. Rehni Ashish K; Bhateja Pradeep; Singh Nirmal, "Diethyl dithiocarbami nuclear factor kappa B inhibitor, attenuates ischemic postcon attenuation of cerebral ischemia-reperfusion injury in mice.", *Canc physiology and pharmacology*, 2009
5. Suresh Kumar, Reecha Madan, Anupam Sharma, "Evaluation of Aphro Turnera aphrodisiaca.", *Journal of Pharmacognosy and Phytochemical K*

6. Mahashweta Roy, Sandeep Arora, Shubhini saraf, "Pharmacognostic and Phytochemical investigation of Cordia dichotoma seeds", *Ph Cog j* 2009.
7. Randheer Gupta, m lohani, S Arora, Ashish k rehni, Ratandeep chauhan, "Antiinflammatory activity of extracts and isolated alkaloidal fractions from leaves of Bryophyllum pinnatum", *Pharmacology online* 2009.
8. Anurag mishra, Sandeep Arora, Rajiv gupta, Manvi, Rajesh Kumar, Ashish K Sharma," Effect of Ferenia elephantum fruit pulp extract on Indomethacin induced gastric ulcer in albino rats , Tropical J pharma res, 2009.
9. Rehni Ashish K, Reversal of pentylenetetrazole-induced seizure activity in mice by nickel chloride. *Indian journal of pharmacology*, 2009.
10. Suresh Kumar, Reecha Madaan, Manpreet Kaur, Anupam Sharma, *Cimicifuga racemosa* Linneaus: A review update. *Indian Drugs*, 2009.

International Journals 2008

1. Rehni Ashish K; Singh Inderbir; Singh Nirmal; Bansal Nitin; Bansal Manoj Pharmacological modulation of leukotriene D(4) attenuates the opioid dependence in a mouse model of naloxone-induced opioid withdrawal syndrome.", *European journal of pharmacology*, 2008.
2. Rehni Ashish K, Singh Thakur Gujeet, Singh Nirmal and Jaggi Amteshw "Pharmacological preconditioning of the brain: a possible interplay bet calcitonin gene related peptide transduction systems.", *Pharmacological*
3. Rehni Ashish K; Singh Inderbir; Kumar Manoj, "Tramadol-induced sei a possible role of opioid-dependent gamma-aminobutyric acid inhib *Basic & clinical pharmacology & toxicology*, 2008.
4. Rehni Ashish K; Singh Inderbir; Singh Nirmal; Kumar Manoj, "Stem cells experimental ischaemic stroke therapy.", *Stem cell reviews*, 2008.
5. Singh I, Rehni A.K., Kalra R, Joshi G, Kumar M, "Dendrimers and their applications--a review", *Die Pharmazie*, 2008.
6. Rehni Ashish K; Bhateja Pradeep; Singh Thakur Gurjit; Singh Nirmal, kappa-B inhibitor modulates the development of opioid dependence in a naloxone-induced opioid withdrawal syndrome", *Behavioural pharmacol*
7. Rehni Ashish K; Bhateja Pradeep; Singh Nirmal, Jaggi Amteshwar S, "Imj cell degranulation in ischemic preconditioning-induced prevention of *Fundamental & clinical pharmacology*, 2008.
8. Suresh Kumar, Reecha Madaan, Asim Farooq, Anupam Sharma, "The ge a: A review", *Pharmacognosy Reviews*, 2008.
9. Suresh Kumar, Reecha Madaan, Kavita Gahlot, Anupam Sharma, "The g Bryonia: A review" *Pharmacognosy Reviews*, 2008.
10. Arvind Sharma, Twinkle Garg, Subheet Jain, Hardevinder Pal Singh, Elastic Liposomal Formulation For Sustained Delivery Of Anti-Migrain Characterization And Biological Evaluation", *Drug Develop. Ind. Pharm*
11. Suresh Kumar, Reecha Madaan, Anupam Sharma, Estimation of

Anxiolytic Constituent, in *Turnera aphrodisiaca*. *Indian Journal of Pharmaceutical Sciences*, 2008.

12. Suresh Kumar, Reecha Madaan, Anupam Sharma, Pharmacological Profile of Bioactive Principle of *Turnera aphrodisiaca*. *Indian Journal of Pharmaceutical Sciences*, 2008.

International Journals 2007

1. Raman Preet Walia, Reecha Madaan, Dhirender Kaushik, Ziya-vaur-Rah oring nature for antitubercular drugs -Review”, *Hamdard Medicus*, 2007
2. Rehni Ashish K; Singh Nirmal, Jaggi Amteshwar S., Singh Manjeet, “Amr derived stem cells ameliorate focal cerebral ischaemia-reperfusion injury behavioural deficits in mice.”, *Behavioural Brain Research*, 2007.
3. Rehni Ashish K; Singh Nirmal; Jindal Seema, “Role of ATP-sensitive pot in the piracetam induced blockade of opioid effects.”, *Indian journal biology*, 2007.
4. Rehni Ashish K; Singh Nirmal, Jaggi Amteshwar S., “Possible involve endo genous opioids and calcitonin gene-related peptide in remote ischaemic p oning of the brain”, *Yakugaku Zasshi*, 2007.
5. Rehni Ashish K; Singh Nirmal, “Role of phosphoinositide 3-kinase in isch conditioning-induced attenuation of cerebral ischemia-evoked behavioral in mice.”, *Yakugaku Zasshi*, 2007.
6. Rehni Ashish K; Pantlya Hardeep S; Shri Richa; Singh Manjeet, “Effect of aqueous extracts of *Bacopa monniera* and *Valeriana wallichii* on reperfusion-induced cereb ral injury in mice.” *Indian journal of experimental biology*, 2007.
7. S Arora, A.K.S. Rawat, “Lysosomal enzyme inhibiting activity of flavor *T.indica* leaves in arthritic rats”, *Ph cog Mag*, 2007.
8. Rehni Ashish K; Shri Richa; Singh Manjeet, “Remote ischaemic prec prevention of cerebral injury.”, *Indian journal of experimental biology*, 2