



Dr. Monika Sachdeva
Professor and Principal
M.Pharm, Ph.D

LIST OF PUBLICATIONS:

1. **Monika Sachdeva**, Meenakshi Bajpai, B.K.Razdan. Hepatoprotective activity of a polyherbal preparation against D-galactosamine induced hepatotoxicity in rats. RJPT , Volume : 6, Issue : 9, 20013,1079-1082
2. **Monika Sachdeva**, Meenakshi Bajpai, B.K.Razdan. Toxicity studies of a developed hepatoprotective formulation. Asian J Pharm Clin Res, Vol 6 Issue 4, 2013, 47-50
3. Mishra S, **Sachdeva M**, Sara UVS. Vesicular and provesicular Drug carriers: An overview. Inventi Rapid: NDDDS, 2013(2)
4. Mishra S, Vasistha P, **Sachdeva M**, Sara UVS. Formulation, Optimization and characterization of proniosomal gel for transdermal delivery of Naproxen. World J .Pharmacy & Pharm.Sci. 2(2): 554-569.
5. Kirti Kumari, UVS. Sara, **Monika Sachdeva**. Formulation and Evaluation of Topical Hydrogel of Mometasone Furoate using Different Polymers. IJPCS; Vol. 2 (1) Jan-Mar 2013.
6. Chakshu Bhatia, **Monika Sachdeva** and Meenakshi Bajpai. Formulation and Evaluation of Transdermal Patch of Pregabalin. IJPSR (2012); Vol. 3, Issue 02.
7. Manju Shri, **Monika Sachdeva**, Meenakshi Bajpai. Comparative study of polymers on formulation of mucoadhesive drug delivery system of repaglinide. IJPT (2010); 1(2):98-105.
8. Kumar S, **Sachdeva M**, Bajpai M. Formulation and evaluation of mouth dissolving tablets of sildenafil citrate. JPST (2010); vol. 2(4).
9. Khansili Aparna, Bajpai Meenakshi, **Sachdeva Monika**. Improvement of dissolution rate and solubility of nifedipine by formulation of solid dispersions; The Pharma Research (T. Ph. Res.), (2010), 4; 38-50.

10. Pankaj Kumar, Arun Kumar, **Sachdeva M**, Bajpai M. Formulation and evaluation of ocular inserts of ciprofloxacin hydrochloride. *Biosciences, Biotechnology Research Asia* (2008); 5(2):757-762.
11. A.K. Najmi, **M. Sachdeva**, S. Shah, U. Bhandari, K.K. Pillai. Effect of Kurse ziabetes in neonatally STZ induced diabetic rats. *IJP* (1999); 31:237.



Mr. Abhinav Agrawal
Associate Professor
M.Pharm

LIST OF PUBLICATIONS:

2016

1. Presented a research article entitled "A COMPARATIVE STUDY: DISSOLUTION BEHAVIOUR OF CYCLODEXTRIN INCLUSION COMPLEXES, SOLID DISPERSIONS AND COPRECIPITATES OF LAFUTIDINE" at The National Conference on Perspectives and Challenges in Pharmaceutical Sciences held at Ghaziabad in March 2016

2013

2. A Review article entitled "METHOD DEVELOPMENT AND VALIDATION OF RELATED SUBSTANCES IN OMEPRAZOLE BY REVERSE PHASE HPLC ACCORDING TO ICH GUIDELINES" in *International Journal of Universal Pharmacy and Biosciences*, March-April 2013
3. A Review article entitled "TECHNOLOGY TRANSFER IN PHARMACEUTICAL INDUSTRY" in *International Journal of Universal Pharmacy and Biosciences*, March-April 2013

2010

4. A Review article entitled "BIOPHARMACEUTICAL CLASSIFICATION SYSTEM: AN ACCOUNT" in *International Journal of PharmTech Research* Vol.2, No.3, July-Sept 2010
5. A Research article entitled "COMPARATIVE EVALUATION OF TRANSDERMAL FORMULATIONS OF NORFLOXACIN WITH SILVER SULFADIAZINE CREAM, USP, FOR BURN WOUND HEALING PROPERTY" in *Journal of Burns and Wounds*, URL www.journalofburnsandwounds.com, vol.5

2008

6. A Review article entitled "RECENT TRENDS: FAST DISSOLVING TABLETS" in *Pharma Reviews, Vol 6, Issue 6, 2008*

2007

7. A Review article entitled "BREAKING THE SKIN BARRIER: NEWER DEVELOPMENTS IN TRANSDERMAL DRUG DELIVERY" in *Australian Journal of Pharmacy, October 2007*
8. A Review article entitled "PHARMACIST: AN INDISPENSABLE SAFETY RESERVOIR FOR OTC MEDICATIONS" in *Indian Pharmacist, May 2007*
9. A Review article entitled "NSAIDS AS OTC MEDICATIONS" in *Indian Pharmacist, May 2007*
10. A Review article entitled "THERMAL VALIDATION IN PHARMACEUTICALS: THERMISTOR THE RIGHT SENSOR" in *Pharmaquest, March-April 2007*
11. A Review article entitled "OTC MEDICATIONS DURING PREGNANCY" by Kamal Dua, V. K. Sharma, in *Indian Pharmacist, February 2007*

2006

12. A Review article entitled "STATUS, OPPORTUNITIES AND CHALLENGES FOR THE INDIAN PHARMACEUTICAL INDUSTRY IN THE POST PRODUCT PATENT ERA" in *Indian Pharmacist, August 2006*
13. A Research article entitled "DISSOLUTION ENHANCEMENT OF ACECLOFENAC THROUGH SOLID DISPERSIONS" in *Indian Pharmacist, June 2006*
14. A Research article entitled "FORMULATION AND EVALUATION OF TOPICAL BASES OF ACECLOFENAC" in *Indian Pharmacist, March 2006*
15. A Research article entitled "INVESTIGATION OF ENHANCEMENT OF SOLUBILITY OF NORFLOXACIN β -CYCLODEXTRIN IN PRESENCE OF ACIDIC SOLUBLIZING ADDITIVES" in *Current Drug Delivery, Bentham Science Publishers Limited, 2006*
16. Presented a research article entitled "PREPARATION AND CHARACTERIZATION OF SALT FORM OF NORFLOXACIN: NORFLOXACIN LACTATE AND ITS TOPICAL FORMULATION" at 58th Indian Pharmaceutical Congress held at Mumbai in December 2006

2005

17. A Research article entitled "STUDIES ON RELEASE OF ACECLOFENAC FROM CYCLODEXTRIN SYSTEMS" in *International Journal of Pharmaceutical Excipients, April-June 2005*
18. Presented a research article entitled "INVESTIGATION OF ENHANCEMENT OF SOLUBILITY OF NORFLOXACIN β -CYCLODEXTRIN IN PRESENCE OF ACIDIC SOLUBLIZING ADDITIVES" at 57th Indian Pharmaceutical Congress held at Hyderabad in December 2005



Dr. Vishwanath Agrahari

Assistant Professor

M.Pharm, Ph.D

LIST OF PUBLICATIONS:

2010-2011

1. **Vishwanath Agrahari**, Meenakshi Bajpai, Sanju Nanda, G.N.Singh, Robin Kumar, "Estimation of Satranidazole in bulk and tablet dosage form by RP-HPLC". *Journal of Pharmacy Research* 2010, 3(11),2747-2749. (ISSN: 0974-6943)

2011-2012

2. **Vishwanath Agrahari** Monika Prajapati*, Udai Vir Singh Sara "Gastroretentive floating in-situ gel: an overview" *The Global Journal of Pharmaceutical Research*, 2012 1(5), pp. 1309-1321. (ISSN 2277-5439)

2012-13

3. **Vishwanath Agrahari**, Meenakshi Bajpai, Sanju Nanda, "Development and validation of a stability indicating HPLC method for analysis of Pefloxacin in bulk drug and tablet dosage form". *Int J Pharm Pharm Sci*, 2013, 5(2), 263-268. (ISSN- 0975-1491)
4. **Vishwanath Agrahari**, Meenakshi Bajpai, Sanju Nanda, "Essential Concepts of Mobile Phase Selection for Reversed Phase HPLC". *Research J. Pharm. and Tech.* 2013, 6(5), 459-464. (ISSN 0974-3618)
5. **Vishwanath Agrahari**, Meenakshi Bajpai, Sanju Nanda, "Development of a simple UV- spectrophotometric assay method for Satranidazole and study of its degradation profile". *Int. Res. J. Pharm.* 2013, 4(4), 209-213. (ISSN 2230-8407)



Dr. Dilip Kumar Gupta

Assistant Professor

M.Pharm, Ph.D

LIST OF PUBLICATIONS:

1. **Gupta D.K**, Razdan B.K, Bajpai M. (2014). Formulation and Evaluation of Nanoparticles containing Artemisinin HCl. International Journal of Research and Development in Pharmacy and Life Sciences: Vol. 3, No.2, pp 925-934.
2. **Gupta D.K**, Razdan B.K, Bajpai M. (2014). Formulation and Evaluation of Mefloquine Hydrochloride Nanoparticles: International Journal of Pharmaceutical Sciences and Nanotechnology: Vol.7[1], pp 2376-2385.
3. **Gupta D.K**, Bajpai M. Chatterjee D.P. (2014). FDDTs/Mouth Dissolving Disintegrating Tablets and Patient Counselling Points for FDDTs- A Reviews: International Journal of Research and Development in Pharmacy and Life Sciences: Vol. 3, No.3, pp 949-958.
4. **Gupta D.K**, Razdan B.K, Bajpai M. (2015). Toxicity of Personal Care Cosmetic Products. International Journal of Pharmacy Research and Technology. Vol. 7, No. 4, pp 1-6.
5. **Gupta D.K**, Razdan B.K, Bajpai M. (2016). Preventive Measures and Treatment of Drug Resistance Malaria. International Journal of Pharmaceutical Sciences and Nanotechnology. Vol. 9, No. 1, pp 1-8.



Mr. Pankaj Kumar Sharma

Assistant Professor
M.Pharm, MBA, PDCR

LIST OF PUBLICATIONS:

1. Devendra Singh, **Pankaj Kumar Sharma**, Dr.Udai Vir Singh Sara "Enhancement of intestinal absorption of poorly Absorbed drugs by using various permeation Enhancers: an overview" World Journal of Pharmacy And Pharmaceutical Sciences 2013.Vol.2, Issue 1, 179-198.
2. Parul Saini, Anoop Kumar, **Pankaj Sharma**, Sharad Visht "Fast Disintegrating Oral Films: A Recent Trend of Drug Delivery" Int. J. Drug Dev. & Res., 2012, 4 (4): 80-94.
3. **Pankaj Kumar Sharma**, Anoop Kumar "Development, Characterization and Evaluation of Celecoxib Microemulsion for Topical Delivery" Journal of Dispersion Science and Technology, 2012.33:10, 1411-1418.DOI:10.1080/01932691.2011.620874.
4. **Pankaj Kumar Sharma**, Meenakshi Bajpai "Enhancement of solubility and stability of poorly soluble drug using microemulsion based topical formulation" Journal of Pharmacy Research, 2011, 4(7), 2216-2220.
5. Pradeep Tyagi, C.S.Chauhan, D.P.Ghosh, **Pankaj Sharma** "Controlled Oral Drug Delivery of Hypoglycemic Agent Through Particulate System" The Pharma Research, 2010, 3, 65-77.
6. **Pankaj Kumar Sharma**, Meenakshi Bajpai , Anuj Mittal "A Study of Oleic Acid Oily Base For The Tropical Delivery of Dexamethasone Microemulsion Formulation" Journal of Pharmacy Research, 2009,2(2), 170-177.
7. **Pankaj Kumar Sharma**, Meenakshi Bajpai , Anuj Mittal "A Study of Castor Oil Base For The Tropical Delivery of Dexamethasone Microemulsion Formulation" Asian journal of Pharmaceutics, 2009,3(3), 208-214.
8. Pradeep Tyagi, **Pankaj Sharma**, "Controlled Oral Drug Delivery of Hypoglycemic Agent through Particulate System" Biomedical & Pharmacology Journal, 2009, 2(2), 155-162.
9. Amrish Kumar, **Pankaj Sharma**, Meenakshi Bajpai "Formulation development of Sertraline Hydrochloride microemulsion for intranasal Delivery" International Journal of Chem Tech Research, 2009, 1(4), 941-947.
10. **Pankaj Kumar Sharma**, Arun Kumar, Meenakshi Bajpai, Monika Sachdeva, "Formulation, Optimization and Evaluation of Ocular Inserts of Ciprofloxacin Hydrochloride" *Biosciences, Biotechnology Research Asia*, 2008, 5(2), 757-762.



Dr. Munendra Mohan Varshney

Assistant Professor

M.Pharm, Ph.D

BOOK PUBLISHED:

- **Text book of medicinal chemistry** published from IK International, New Delhi.

LIST OF PUBLICATIONS:

1. Title "Waste encountered by green chemistry" published in "*Environmental conservation journal*" Vol 9,105-108, 2008.
2. Title "Synthesis and evaluation of some benzimidazole derivative as mannich bases and screened their antimicrobial activity" research work published in *Asian journal of chemistry* Vol.6, 4275-4279, 2009.
3. Title "Benzimidazole: A Valuable Insight In to the Recent Advances and Biological Activities" Review article published in *journal of pharmacy research* 4(2), 413-419, 2011
4. Title "Synthesis, characterization and biological evaluations of some 5-(substituted amino alkyl)-2-{{(1, 3- benzothiazole-2-yl)}}-thiazolidine-4 ones Mannich bases as potent antibacterial agents in *Journal of Applied Pharmaceutical Sciences*.
5. **Munendra Mohan Varshney**, Asif Husain, Versha Parcha, title "Synthesis and characterization of 5-(substituted phenyl)-2-furfuraldehydes from substituted anilines" in *World Journal of Pharmacy and Pharmaceutical Sciences*, 2(4), 1802-1806. Impact factor 1.02
6. **Munendra Mohan Varshney**, Asif Husain, Versha Parcha, title "Synthesis, characterization, in-vitro antimicrobial and anthelmintic evaluations of 2-(4-chloro-3-methylphenoxy)-N'-[5'-(substitutedaryl)-furan-2'-yl]-methylidene]-cetohydrazides" in *Medicinal Chemistry Research*, Springer publication. 2014, 23: 4034-4041, Impact factor 1.67

7. **Munendra Mohan Varshney**, Asif Husain, Versha Parcha, title "Synthesis, characterization and biological evaluations of 2-(4-hydroxyaryl)-N'-(5'-(substitutedaryl)-furan-2'-yl)-methylidene}-ketohydrazides Schiff bases" in *Der Pharma Chemica*, 2014, 6(1): 241-247 Impact factor 0.48
8. **Munendra Mohan Varshney**, Asif Husain, Versha Parcha et al, title "Synthesis and biological evaluation of some new hydrazides" in *Bangladesh Journal of Pharmacology*, 2015, 10: 555-561. Impact factor 1.06



Mr. Sunil Khatak
M. Pharm, Ph.D-Pursuing
Assistant Professor (Pharmaceutics)

PATENT:

- **PATENT: [patent no.: 2096/DEL/2006 A (2096/DEL/2006)]**

SUNIL KHATAK, Subhasis Das, Anupam Trehan, Vinod Kumar Arora, **2008**. The present invention relates to an extended release tablet of pregabalin comprising pregabalin, at least one rate controlling polymer and other pharmaceutically acceptable excipients; and process for the preparation thereof. **RANBAXY LABORATORIES LIMITED**.

LIST OF PUBLICATIONS:

1. Nand Kishore, **Sunil Kumar**, Sanju nanda and Arun Nanda, **2005**. Important amendments: Patents Act, 1970. *The Indian Pharmacist*, Vol. 4: 7-12.
2. Ashu aggarwal, Parveen aggarwal, Mamta khatak and **Sunil khatak**, **2010**. Cerebral ischemic stroke: sequels of cascade. *Int. J. Pharm Bio Sci.* 1(3):1-24.
3. M. Khatak, **S. Khatak**, A.A. Siddiqui, N. Vasudeva, A. Aggarwal, P. Aggarwal, **2010**. *Salvadora persica*. *Pharmacognosy Review.* 4(8): 209-214.

4. H. Dureja, **S. Khatak**, M. Khatak, M. Kalra, **2011**. Amylose rich starch as an aqueous based pharmaceutical coating material – Review. *Int. J. Pharm. Sci. Drug Res.* 3(1): 08-12.
5. Kalra M., Khatak M., **Khatak S.**, **2011**. Cold And Flu: Conventional vs Botanical & Nutritional Therapy. *Int. J. Drug Dev. Res.* 3(1): 314-327.
6. Kalra M., Pakhale S.P., Khatak M., **Khatak S.**, **2011**. Drug Information Centers - Need of the Hour. *Int. J. Pharmaceutica Scientia.* (1)1: 69-76.
7. Kalra M., Khatak M., **Khatak S.**, **2011**. Recent advances –Smarter techniques of analysis. *Int. J. Pharm. Professional's Research.* 2(2): 290-297.
8. Sehrawat Renu, Khatak Mamta, Maithani Mukesh and **Khatak Sunil**, **2013**. Simultaneous determination of chlorpheniramine maleate, paracetamol and phenylephrine hydrochloride in tablet dosage form by high performance liquid chromatography. *Int. J. Drug Dev. Res.* 5(1): 258-263.
9. Sehrawat Renu, Khatak Mamta, Maithani Mukesh and **Khatak Sunil**, **2013**. Development and validation of chlorpheniramine maleate and phenylephrine hydrochloride by RPHPLC. *Int. J. Pharmaceutica Scientia.* 4(8): 209-214.
10. Neha Yadav, **Sunil Khatak** and Usai Vir Singh Sara, **2013**. Solid Lipid Nanoparticles – A Review. *Int J App Pharmaceutics*, 5(2): 8-18.
11. Navinder, Mamta Khatak, Renu Sehrawat, and **Sunil Khatak**, **2013**. A comparative study: Homoeopathic medicine and a medicinal plant *withania somnifera* for antidiabetic activity. *Journal of Pharmacognosy and Phytochemistry*, 2 (3): 109-112.
12. **Sunil Khatak** and Harish Dureja, **2015**. Recent Advances in Nanotechnology based Tubercular Chemotherapy. *International Journal of Pharmaceutical Sciences and Nanotechnology*, 8(4): 2919-2934.
13. **Sunil Khatak** and Harish Dureja, **2015**. Recent Techniques and Patents on Solid Lipid Nanoparticles as Novel Carrier for Drug Delivery. *Recent Patents on Nanotechnology*, (9): 150-177.



Mr. Vijay Agarwal
Assistant Professor
M.Pharm, Pursuing Ph.D

LIST OF PUBLICATIONS:

1. **Vijay Agarwal**, Meenakshi bajpai. *Nanosuspension Technology For Poorly Soluble Drugs: Recent Researches, Advances and Patents*. Recent patents on nanotechnology 2015, 9 (3), 178-194. (Bentham Science Publisher, impact factor 2.57).
2. **Vijay Agarwal**, Meenakshi Bajpai. *Preparation and Optimization of esomeprazole nanosuspension using evaporative precipitation- ultrasonication*. Tropical journal of pharmaceutical research 2014, 13, 497-503 (impact factor 0.82).
3. **Vijay Agarwal**, Meenakshi Bajpai. *Investigation of formulation and process parameters for the production of esomeprazole nanosuspension by anti-solvent precipitation ultrasonication technique*. Current Nanoscience 2013, 9, 773-779 (Bentham Science publisher, impact factor 1.42).
4. **Vijay Agarwal**, Meenakshi Bajpai. *Nanosuspension Technology: A Strategic approach for poorly soluble drugs*. Nanoscience and Nanotechnology Asia 2013, 3, 72-85 (Bentham Science publisher).
5. **Vijay Agarwal**, Meenakshi Bajpai. *Stability Issues related to nanosuspension : A Review*. Pharmaceutical Nanotechnology 2013, 1, 85-92 (Bentham Science Publisher).
6. **Vijay Agarwal**, Rahul Mishra, Dr. UVS Sara. *Controlled porosity osmotic pump tablet: A review*. International Journal of Universal Pharmacy and Bio Sciences 2013, 2(1), 258-270.
7. **Vijay Agarwal**, Arundhati Bhattacharya, Meenakshi Bajpai. *Preformulation and delayed release formulation study on senna leaf powder and calcium sennoside*. Journal of Pharmacy Research 2011, 4(7), 2245-2249. (ISSN: 0974-6943)

8. **Agarwal Vijay**, Bajpai Meenakshi. *Pharmacognostical and Biological studies on senna and its products: An overview*, International Journal of Pharma and Biosciences 2010, VI(2), 1-10. (ISSN: 0975-6299)
9. **Agarwal Vijay**, Bajpai Meenakshi, Bhattacharya Arundhati. *Formulation and evaluation of senna leaf powder and calcium sennoside*, The Indian Pharmacist 2009, 8(86), 55-60. (ISSN: 0972-7914)



Ms. Archana
Assistant Professor
M.Pharm

LIST OF PUBLICATIONS:

1. *International publication- titled "Physicochemical characterization and evaluation of disintegrating property of Lepidium Sativum" in international journal of pharmacy research.*



Ms. Deepa Sukla
Assistant Professor
M.Pharm

LIST OF PUBLICATIONS:

1. Talha Jawaid, **Deepa Shukla**, Jaiender Verma. Anti-inflammatory activity of the plants used in traditional medicines. Int J Biomed Res., 2011; 2(4): 252-263.



Ms. Archana Gupta
Assistant Professor
M.Pharm

LIST OF PUBLICATIONS:

1. **Archana Gupta**, Ajit Kiran Kaur, S. K. Jain, P. K. Sharma, Mayank Sharma- *Antidiabetic Activity of Bahunniatommantosa Linn root extract in alloxan induced diabetic rat*, Bioscience and Biotechnology research Asia, 2011.
2. **Archana Gupta**, Roma Ghai, R. Bodla- *Healing Ulcer with Medicinal Herbs*, Inventing rapid ethno pharmacology, 2010.
3. **Archana Gupta**, Ajit Kiran Kaur, S.K. Jain – *Phytopharmacognostic investigation of Bauhinia tomentosa Linn* , Bioscience, Biotechnology Research Asia, 2009.