

MANOJ K. RAWAT

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OBJECTIVE

To make a significant contribution to pharmaceutical organization by being part of a challenging environment where I can put my analytical and creative skills to fullest use.

EDUCATIONAL QUALIFICATIONS

Degree/Examination	Board/University	Year of Study Completion	% / CGPA
Ph. D.	Dept. of Pharmaceutics , IT-BHU,Varanasi	Pursuing	Qualified PhD course work with 8.75 CGPA
M. Pharm	B.I.T.S., Pilani, Rajasthan	2005	7.52/ 10
B. Pharm	RGPV , Bhopal	2003	73%
Class XII	M.P. Board	1998	69%
Class X	M.P. Board	1996	73%

ACADEMIC ACHIEVEMENTS AND AWARDS

- Qualified in GATE with **96 percentile** (3times).
- Awarded the **GATE Scholarship** by UGC.
- Awarded **UGC-Senior Research Fellowship** (SRF) – Most prestigious scholarship of India
- Selected for **DST sponsored Nanoschool conference** which was held in Dec 2007 at NIPER,Mohali,Chandigarh
- Research paper was presented in **2009 AAPS Annual Meeting and Exposition, Los angeles, USA** from 8th to 12th November 2009. The financial assistance is provided by **Ministry of Science and Technology (DBT)**

INTERNSHIP / INDUSTRIAL EXPERIENCE

Internship : -

IPCA Laboratory Ltd. Mumbai (6 Months)

Formulation of Oral solid Dosage form

(Including ANDA Project, and Domestic & Contract manufacturing product.)

Job Experience : -

Wockhardt Research Centre Aurangabad (MH) (13 Months)

Formulation of Solid oral dosage forms (Mainly ANDA Project of IR/Extend release Solid Oral Dosage Forms)

Teaching Experience with Ph.D.:-

Dept. of Pharmaceutics, IT-BHU, Varanasi – **One year and 10 months**

Subjects: Pharmaceutical Technology, Dispensing Pharmacy and Biopharmaceutics

ACADEMIC PROJECTS

Design of Oral Controlled Release Formulations of Stavudine

Under the supervision of Dr. Punna Ravi Rao, Associate. Professor, Pharmacy Group, **BITS-Pilani, Rajasthan**

- **Method development, stability study**
- **formulation optimization, Polymer percentage optimization**
- **In Vitro Evaluation of formulation**
- **Model fitting study of optimized formulation**

FORMULATION & DEVELOPMENT EXPOSURE

- Hard gelatin capsule formulation of Fenofibrate(Antihyperlipidemic)
- Bilayer tablet formulation of “Artesunate+Leumefantrine”
- Tab in Tab formulation of “Artesunate+Leumefantrine”
- Preformulation & Stability Study of Drug & Product.
- ANDA Projects some are Metoprolol ER, Repaglinde , Remipril , RenitidineHcl, Zolpidem

PATENTS

- **Indian Patent** on "Pharmaceutical composition comprising losartan or salt thereof and method of preparing the same" published on 25/07/2008. (**Application No: 1390/MUM/2006 A**).

RESEARCH PAPERS

- **Rawat, M.K.,** Jain,A., Mishra,A., Singh,S.(2009): Development of Repaglinide Loaded Solid Lipid Nanocarrier: Selection of Fabrication Method. **Current Drug Delivery, Bentham Science (Accepted).**
- Bansal, K., **Rawat, M.K.,** Jain,A., Rajput,A., Chaturvedi, T.P., Singh,S . (2009): Development of satranidazole mucoadhesive gel for the treatment of periodontitis. **AAPS Pharm Sci Tech. (Published)**
- Muthu, M.S., **Rawat, M.K.,** Mishra,A., Singh, S. (2009): PLGA nanoparticles formulations of risperidone: Preparation And neuropharmacological evaluation. **Nanomedicine. (Elsevier, US) (Published)**
- Singh,S. , Tiwari,S., **Rawat, M.K.,** Tilak,R., Mishra,B. (2008): L9 orthogonal design design assisted Formulation and evaluation of buccoadhesive films of Muconazole Nitrate. **Current Drug Delivery. (Published)**
- Singh, S., Gajra, B., Muthu, M.S., **Rawat, M.K.**(2007): Transdermal Delivery of Ketoprofen through Rat and Human skin from Bioadhesive gel. **Pakistan Journal of Pharmaceutical Sciences. (Published)**
- Singh, S., Soni, R, **Rawat, M.K.** Jain, A. , Deshpande, S.B. , Singh, S.K., Muthu, M.S.(2009). In vitro and in vivo evaluation of buccal bioadhesive films containing salbutamol sulphate. **Chem. Pharm. Bull. (Published)**

SEMINARS AND CONFERENCES

- **Rawat, M.K.,** Singh, S. **Oral nanoparticulate delivery system for anticancer drug , DST sponsored** Nanoschool conference at NIPER, Mohali Chandigarh, India, **Dec. 2007.**
- Singh, S., Tiwari S., **Rawat, M.K.,** Parthi, R.N. Formulation and evaluation of buccoadhesive films of miconazole nitrate for prolonged intra-oral delivery using L9 orthogonal design, **59th Indian Pharmaceutical Congress, BHU,Varanasi, India, Dec. 2007, A-180.**
- Singh,S., Bansal,K., Muthu, M.S., **Rawat, M.K.,** Rajput, A. Development of mucoadhesive gel of satranidazole for the treatment of periodontitis, **59th Indian Pharmaceutical Congress, BHU, Varanasi, India, Dec. 2007, A-217.**
- **Rawat, M.K.,** Jain,A., Mishra,A., Singh,S. “ Preparation and characterization of repaglinide loaded nanostructured lipid carriers” , **Controlled Release Society Indian Chapter, India, Feb. 2009.**
- **Rawat, M.K.,** Jain,A., Mishra,A., Singh,S. “Investigations of the effect of lipid matrix on physicochemical properties of repaglinide loaded solid lipid nanoparticles” , **2009 AAPS, Los Angeles, USA, Nov. 2009.**

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Won **First prize in Cricket competition** held during my Class XII at Sagar (M.P).
- Won many prizes and medals in my school sports meet.

AREA OF INTEREST:

- Novel Multiparticulate Drug Delivery Systems (**Solid lipid nanoparticles and Polymeric nanoparticles**)
- Method development both Analytical and Bioanalytical
- Product Development Research and Clinical Research

KEY SKILLS

- Has knowledge in programming languages - C and has worked on platforms like MS DOS, UNIX and WINDOWS.
- Has exposure to the following Packages: MS – Office, **Win – NONLIN**, Chemdraw, Chems sketch, Originin, Sigma stat and Minitab.
- Has a sound knowledge in concepts of CGMP, GLP, Process validation, Quality Control and Quality Assurance and Regulatory affairs. Has experience in handling, **IR, FTIR, Florimetry, HPLC, HPTLC, UV Visible Spectrophotometer, Lyophilizer.**
- **Animal handling, Bioanalytical method development, In-situ. In-vivo sturdy, IVIV Co-relation study**
- Has knowledge of **ICH, SUPAC**, and **CDER** guidelines.

REFERENCES

Prof. Sanjay Singh Dept. of Pharmaceutics, IT-BHU, Varanasi-India Email: drsanjaysingh@rediffmail.com Phone No.: +91-9415290851	Dr. Girish Jain Vice-President (F & D) Wockhardt Research Centre, Aurangabad Email: gjain@wockhardtin.com Phone No.: +91-9822804554
Prof. Yashwant Pathak Assistant Dean of Research Pharmaceutical Sciences Sullivan University College of Pharmacy, 2100 Gardiner Lane, Louisville, KY 40205, E mail: ypathak@sullivan.edu Phone: 502-413-8649	Dr. Kole Prashant Research Fellow, Clinical and Practice Research Group School of Pharmacy, Queen's University Belfast Northern Ireland, United Kingdom Email: prashantkole@gmail.com Phone No.: 0044 - 7873206294

CONTACT DETAILS

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Makronia, Sagar (M.P.) - 470004

DECLARATION

I am a self motivated, dynamic and hardworking individual with positive and flexible nature. I have got good presentation and communication skills and enjoy working in groups. I have great inclination for challenging research works. I hereby declare that the information furnished above is true to the best of my knowledge.

Date: 26/12/2009

Place: Varanasi

(Manoj K. Rawat)