

## **Dr. SANJAY KUMAR BHARTI**

M. Pharm., Ph.D. (IIT-BHU)

Assistant Professor (Pharmaceutical Chemistry),

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### **EDUCATIONAL QUALIFICATION**

B. Pharm. from Department of Pharmaceutics, I.T.-B.H.U., Varanasi.

M. Pharm. from Rajiv Gandhi Proudyogiki Vishwavidyalaya (R.G.P.V.), Bhopal.

Ph. D. from Department of Pharmaceutics, I.I.T. (B.H.U.), Varanasi.

### **DATE OF JOINING**

January 09, 2012

### **PAST EMPLOYMENT**

Worked as Lecturer in National Institute of Pharmaceutical Education and Research (NIPER), Hajipur, (Bihar), India

From : March 22, 2010- Jan. 6, 2012

Worked as Chemist in WIN-MEDICARE PVT. LTD. at Meerut. From Dec.2003 to Aug. 2004.

### **RESEARCH EXPERIENCE**

Research experience of 3 years in the Department of Pharmaceutics, I.T.(B.H.U.), Varanasi. From Jan., 2007 – Dec. 2009.

### **RESEARCH INTERESTS**

Rational Drug Design, *In silico* Pharmacokinetic (ADMET) prediction, Synthesis, Characterization, Biological Evaluation and QSAR studies of potential drug candidates.

## **AWARDS/HONORS**

- Merit-Cum-Means Scholarship in Bachelor of Pharmacy (B. Pharm.), (I.T.-B.H.U.).
- Qualified GATE (Graduate Aptitude Test in Engineering (Pharmaceutical sciences), conducted by Indian Institute of Technology (IIT), Madras with a percentile score of 93.14 and All India Rank 434 (2003).
- GATE Scholarship (JRF) in Master of Pharmacy (M. Pharm.) from AICTE, New Delhi.
- Senior Research Fellowship (SRF) in Ph.D., UGC, New Delhi.

## **MEMBERSHIPS/REGISTRATION**

- Life Member of Indian Pharmacy Graduates Association (IPGA)
- Life Member of Association of Pharmaceutical Teachers of India (APTI)
- Registered Pharmacist (Bihar State Pharmacy Council)

## **PAPER PUBLICATION**

1. C. Saravanan, **Sanjay K. Bharti**, S. Jaggi, S. K. Singh, Histamine H<sub>4</sub> Receptor: A Novel Target for Inflammation Therapy, *Mini-Reviews in Medicinal Chemistry*, 11 (2011), 143 - 158 (**Bentham Science Publishers Ltd., Impact Factor-2.97**).
2. **Sanjay K. Bharti**, G. Nath, R. Tilak and S. K. Singh, Synthesis, antibacterial and antifungal activities of some novel Schiff bases containing 2, 4-disubstituted thiazole ring, *European Journal of Medicinal Chemistry*, 45 (2010) 651 – 660 (**ELSEVIER Publisher, Impact Factor-3.22**).
3. **Sanjay K. Bharti**, Saurabh K. Patel, Gopal Nath, Ragini Tilak, Sushil K. Singh, Synthesis, characterization, DNA cleavage and in vitro antimicrobial activities of novel copper(II) complexes of Schiff bases containing a 2,4-disubstituted thiazole, *Transition Metal Chemistry*, 35 (2010) 917 – 925 (**Springer Publication, Impact factor-1.22**).
4. Hemendra Singh Chouhan, **Sanjay K. Bharti**, Sushil K. Singh, 2D – Quantitative Structure Property Relationship (QSPR) Study of *N*-(aryl)-2-thiophen-2-ylacetamide Derivatives as Antitubercular Agents, *Asian Journal of Chemistry*, 22 (2010) 4675-4680 (**Impact factor-0.4**).
5. **Sanjay K. Bharti** and Sushil K. Singh, Metal Based Drugs: Current Use and Future Potential, *Der Pharmacia Lettre* 1 (2009) 39-51.
6. **Sanjay K. Bharti** and Sushil K. Singh, Recent developments in the field of anticancer metallopharmaceuticals, *International Journal of PharmTech Research*, 1 (2009) 1406-1420.

7. S. K. Singh, T. Prabha, B. Kavitha, H. S. Chouhan and **Sanjay K. Bharti**, Antidepressant activity of ethanolic extract of *Euphorbia thymifolia* Linn. in the forced swimming test in rats, *Pharmacologyonline* 2 (2009) 967-970.
8. S. K. Singh, S. Jaggi, **Sanjay K. Bharti** and R. G. Kulkarni, Synthesis and Evaluation of N-Mannich bases of Isatin-3- (4'- aldehyde/ketone 2'-thiosemicarbazones) derivatives as potent anticonvulsant agents, *Acta Pharmaceutica Scientia* 51 (2009) 47-55.
9. S. K. Singh, T. Prabha, B. Kavitha, H. S. Chouhan and **Sanjay K. Bharti**, Anti-inflammatory and Hepatoprotective activities of ethanolic extract of *Euphorbia thymifolia* Linn., *Pharmacologyonline* 1 (2009) 986-994.

### **PAPER PRESENTATION & WORKSHOP ATTENDED**

1. **Sanjay K. Bharti**, Anant K. Singh, Sushil K. Singh, Metallopharmaceuticals in Healthcare, 4<sup>th</sup> Bihar Vigyan Congress, at Patna, 2011.
2. **Sanjay K. Bharti**, Gaurav Singhai and Ajay S. Singh., Telepharmacy and Rural Healthcare, abstract presented at APTICON-2010 at Hyderabad on Oct. 1-2, 2010.
3. **Sanjay K. Bharti**, Gopal Nath, Sushil K. Singh “DNA cleavage activity of novel copper(II) complexes with Schiff bases containing 2,4-disubstituted thiazole” 2010 AAPS National Biotechnology Conference, San Francisco CA, USA.
4. **Sanjay K. Bharti**, Gopal Nath, Ragini Tilak, Sushil K. Singh, Synthesis, characterization and antimicrobial activity of some novel arylidene-2-(4-(4-methoxy/bromophenyl)thiazol-2-yl) hydrazines and their copper(II) complexes, I.P.C. 2009, Ahmadabad.
5. **Sanjay K. Bharti**, Gopal Nath, Ragini Tilak, Sushil K. Singh, Synthesis and antifungal activity of some novel 2, 4-disubstituted thiazole derivatives, APTICON-2009, Jodhpur. (B-99)
6. **Sanjay K. Bharti**, Sushil K. Singh, “Nutraceuticals: Health benefits, Challenges and Opportunities” in RTPER-2009, Varanasi.
7. **Sanjay K. Bharti**, Gopal Nath, Ragini Tilak, Sushil K. Singh, “Synthesis and antibacterial activity of Schiff bases derived from 2, 4-disubstituted thiazoles and salicylaldehyde/ benzoin, and their copper (II) complexes” in I.P.C. 2008, New Delhi.

8. **Sanjay K. Bharti**, and N. S. H.N. Moorthy Abstract published entitled “Synthesis and biological evaluation of some metal (copper) coordination complexes” for presentation in 9<sup>th</sup> Tetrahedron Symposium 2008, Berkeley, CA, USA.
9. **Sanjay K. Bharti**, Sushil K. Singh, “Potential Indian Medicinal Plants against Psoriasis” in 9<sup>th</sup> commonwealth Pharmaceutical association Conference 2007, Malaysia.
10. **Sanjay K. Bharti**, B. Kavitha, Sushil K. Singh, “Anti-inflammatory activity of ethanolic extract of *Euphorbia thymifolia*” in 12<sup>th</sup> APTI Annual National Convention, Chandigarh.
11. **Sanjay K. Bharti**, Hemendra S. Chouhan and Sushil K. Singh, “Current assessment of research on anti-HIV in India: A case study” in I.P.C.2007, Varanasi.
12. N.S. Hari Narayana Moorthy and **Sanjay K. Bharti**, Microwave Assisted Synthesis, Biological Evaluation and in silico Toxicity Prediction of Benzimidazol-2-one and its Derivatives, Young Scientist Congress, Bhopal, November 2007.
13. Deepak Jain, **Sanjay K. Bharti**, Hemendra S. Chouhan and N. S. H.N. Moorthy, Role of Microwave in drug discovery, 1st MP APTI convention, 02-03<sup>rd</sup> March 2006.
14. Pooja A Rai, **Sanjay K. Bharti**, Hemendra S. Chouhan and N.S.H.N. Moorthy, Microwave in Green Chemistry, National Symposium on Pharmavision, Bhopal on 1-3rd March 2006.
15. Hemendra S. Chouhan, **Sanjay K. Bharti** and N.S.H.N. Moorthy, “QSAR Study of 4-hydroxy-3-methyl-6-phenylbenzofuran-2-carboxylic acid ethyl ester derivatives as anti-tumor agent” in I.P.C.2005, Hyderabad.
16. Attended workshop on Pharmacoinformatics: QSAR in NIPER, Chandigarh from March 1 to March 3, 2006.

(Signature)  
**Dr. Sanjay Kumar Bharti**