

DALBIR SINGH

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Professional Qualifications

- **Master of Pharmacy (Pharmaceutical Chemistry, University Second Rank Holder)** with **80.35%** from Rajiv Gandhi University of Health Sciences, Karnataka in 2006.
- **Bachelor of Pharmacy** with **61.80%** from Guru Jambheshwar University, Hissar in 2001.

Areas of Interest

- Synthetic Organic Chemistry & Chemistry of Natural Products
- Pharmaceutical Analysis & Organic Spectroscopy
- Computational Chemistry & Chemical Biology
- *In-silico* Drug Design & Molecular Modeling (Computer Aided Drug Design)
- Metabolic studies & different strategies used for altering Pharmacokinetic & Pharmacodynamic profile of drug molecules.
- Extraction of Biological active compounds from natural resources and their spectroscopic characterization.

Professional Experience

- Presently working as Senior Lecturer in Government Polytechnic Education Society, Uttawar, Palwal (Haryana) since September 2008.
- Lecturer in Lord Shiva College of Pharmacy since July 2006 to September 2008.

Membership of Professional Bodies/Societies

- **Association of Pharmaceutical Teachers of India (APTI)** – Life Member (HA/LM-084)

Conferences

1. Prabodh Chander Sharma, Dalbir Singh, Archana Sharma, Om Prakash Sharma, “Microwave assisted synthesis of some 2-amino-3-(p-fluorocarboxanilido)-6-methyl piperidino[4,3-b] thiophenes and their antibacterial evaluation”, **International Conference on Bioscience, Biotechnology, Bioinformatics (ICBBB 2011), Singapore, Feb 26-28, 2011**, Baby S and Yang T (Eds) IEEE Inc. **2011**, 6-10,. [IEEE Catalog Number: CFP1134M-PRT and ISBN: 978-1-4244-9388-3].

2. Dalbir Singh, S. Mohan, J. Sravanan and Prabodh Chander Sharma, "Synthesis and Evaluation of some Novel Fluorine containing Piperidino Thiophenes for Anti-Inflammatory Activity", National Seminar on Recent Trends in Innovative Drug Discovery and Research, Yamunanagar, Haryana, October 27-29, 2006.
3. Dalbir Singh, **Prabodh Chander Sharma**, Om Prakash Sharma, Jitender Singh and Sandeep Jain, "Microwave Induced Efficient Synthesis of some 2-substituted-3-(p-fluorocarboxanilido)-6-methyl piperidino thiophenes and their Biological Evaluation", **59th Indian Pharmaceutical Congress Annual Conference (IPC), Varanasi, Uttar Pradesh, India, December 20-23, 2007**, Abstract No. B-61, Page No. 161.

Research Articles Publications

1. Shiv Kumar, **Dalbir Singh** (2017) Synthesis of 2-Amino-6-(2,3-dioxo-1,2,3,4-tetrahydroquinoxalin-1-yl)-4-(substituted)phenylpyridine-3-carbonitrile Derivatives and their Antibacterial and Antifungal Activity. *Chemical Science Transactions*, Vol. 6, Issue 3, pp.351-360.
2. **Dalbir Singh**, S Mohan , Prabodh Chander Sharma, J. Sarvanan (2007) Synthesis and Evaluation of Some Novel Piperidino Thiophenes As Potential Antioxidant and Anti-Inflammatory Agents. *Acta Pharmaceutica Scientia*, Vol. 49 Issue 1, pp.29-38.
3. Prabodh Chand Sharma, Sunil V Sharma, Sandeep Jain, **Dalbir Singh**, Bhojraj Suresh (2009) Synthesis of Some New Isoxazoline Derivatives As Possible Anti-Candida Agents. *Acta Poloniae Pharmaceutica - Drug Research*, Vol. 66, Issue 1, pp.101-104.
4. Prabodh Chander Sharma, SV Sharma, **Dalbir Singh**, B. Suresh (2007) QSAR studies on 3-nitro-2,4,6-trihydroxy benzamide derivatives as photosynthetic electron transport inhibitors. *Asian Journal of Chemistry*, Vol. 19, Issue 7, pp.5105-5112.