

RESUME

Dr. Manish J. Patel

(M. Pharm., Ph.D.)

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Objective

To work in an organization which gives me learning environment, job satisfaction, growth opportunities and team spirit where my knowledge and intellectual skill will be optimally used for mutual betterment their I can discharge my best service.

Education

- Bachelor of Pharmacy from L. M. college of pharmacy with 64.75% (2002)
- Master of Pharmacy from L. M. college of pharmacy in Pharmaceutical Chemistry with 65.18% (2004)
- Doctor of Pharmacy from Ganpat university (2011)
- Post graduate diploma in Human Resource Management from IGNOU with 61.73% (2010)
- I have secured 94.69 percentile in GATE-2002.
- Education Experience: Organic Chemistry, Medicinal Chemistry, Pharmaceutical Analysis

Knowledge of computer

- Qualifying "Introduction to 98 and M. S. office 2000" examination conduct by Directorate of employment and training, Gandhinagar
- Software: Autodock, FlexX, Hex, Molegro, Arguslab, Spdbv, Discovery studio, Glide, Sybyl
- Language: Basic, Fortran, HTML, DHTML, JAVA SCRIPT

Work Experience


- As a lecturer in Maliba Pharmacy College, Bardoli, from 10/01/05 to 21/08/05.
- As a lecturer in Shree Dhanvatary Pharmacy College, Kim, from 22/08/05 to 11/03/07.
- As a Assistant professor in S. K. Patel College of Pharmaceutical Education and Research, Kherva from 12/03/07 to till date.

Job Responsibilities

- Deliver lecture and practical to B. Pharm. and M. Pharm. Students
- Conduct Research Experiments as a part of Accreditation Programme
- Research guide to M. Pharm. Student on their project work
- Preparation of SOP of Instruments and maintenance of them
- Assist in administrative work
- Documentations for the AICTE and PCI Approval of College

Research Experience

- **M.Pharm.:** "Evaluation of some COX-2 inhibitors as Histamine H1 receptor antagonists and some Histamine H1 receptor antagonists as antiinflammatory agents based on their 3D structural similarity."


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- Synthesis Anti histaminic and Antiinflammatory compounds
 - Apply overlay study
 - Evaluate for antihistamic, Antiinflammatory activity
- **Ph.D. :** "Synthesis, screening and evaluation of twin drug molecules from different antihypertensive agents by application of CADD."
 - Identify Pharmacophore for antihypertensive effect
 - Design molecules with dual activity based on pharmacophore
 - Perform Docking study of design compounds
 - Synthesize Design compounds and confirm
 - Evaluate for antihypertensive activity
- Working as research guide at postgraduate level since October 2007 to till date at Ganpat University and Guided M. pharm. Project of 11 student
 - Design and synthesize various heterocyclic moiety of pharmacological interest
 - QSAR, Overlay, Docking study for predict activity
 - Evaluate Anticancer, Antifungal, Antibacterial activity

Expertise

- Know the operation and handling of analytical instrument like HPLC
- Target identification, Lead Identification, Lead Optimization, Analog Synthesis
- Virtual screening and drug designing, Homology modeling
- QSAR study and Docking studies
- Synthesis of API
- Multi-Step Synthesis
- Experimental Procedure Development
- Optimizing synthetic processes in drug discovery

Publications

National :

1. Girish K. Jani, Dhiren P. Shah, Vineet C. Jain, Manish J. Patel, Disha A. Vithalanl, Evaluating Mucilage from Aloe Barbadensis Miller as a Pharmaceutical Excipient for Sustained-Release Matrix Tablets., Pharmaceutical Technology, Nov 2, 2007
2. Laxman M. Prajapati, Vijay K. Parmar, Manish J. Patel, Jimish R. Patel, Development of QSAR model for indoyl aryl sulfone derivatives as reverse transcriptase inhibitors, Der Pharma Chemica 2011, 3(6) 53-61.

International :

1. Neha R. Modi, Ravi J. Shah, Manish J. Patel, Laxmanbhai J. Patel, Bhupendrasinh F. Chauhan, Madhabhai M. Patel, Design, synthesis and in-vitro antibacterial and antifungal activities of some novel spiro[azetidine-2, 3'-indole]-2, 4(1'H)-dion, Medicinal chemistry Research. Volume 20 (5), June 2011, 587-594
2. Neha R. Modi, Ravi J. Shah, Manish J. Patel, Maulik Suthar, Bhupendrasinh F. Chauhan, Laxmanbhai J. Patel Design, synthesis, and QSAR study of novel 2-(2,3-dioxo-2,3-dihydro-1H-

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indol-1-yl)-N-phenylacetamide derivatives as cytotoxic agents. Medicinal chemistry Research. Volume 20 (5), June 2011, 615-625

3. Laxman M. Prajapati, Vijay K. Parmar, Manish J. Patel, Jimish R. Patel, Development of QSAR model for prediction of fold selectivity of phenyl benzoxazole as estrogen receptor inhibitors, Medicinal chemistry research, Volume 21(11), NOV- 2012, 3681-3686.

Presented in seminars/ conferences/ workshop

1. Manish J. Patel, Mahesh T. Chhabria, Hrdik G. Bhatt, and Vishranti V. Shah "Evaluation of some COX-2 inhibitors as Histamine H₁ receptor antagonists and some Histamine H₂ receptor antagonists as antiinflammatory agents based on their 3D structural similarity", GUJCOST Paper presentation competition 2004, Anand.
2. Manish J. Patel, L. J. Patel, Dhaval G. Shah, "Design, Synthesis and docking study of N-substituted 2,4-thiazolidine dione as cytotoxic agents" At Indo-American Pharmaceutical Regulatory Symposium, Nirma University, 11-13 Nov 2011
3. Manish J. Patel, Rana krina, "Design, Docking, Synthesis and Biological Evaluation of 4-Thiazolidinone Derivatives" At Nipicon-2013, Nirma University, 16-18 January 2013
4. Manish J. Patel, Dr. S.S. Pancholi "Microbial transformation: A tool for semisynthesis" At Recent advances in Drug Discovery from Natural Resources, At S. K. patel College of Pharm. Edu and Res., 29-30 March, 2013.

Personal Detail

Address : D/304, Shukan Gold, Nr. Vandematram city,
New S. G. Road, Gota,
Ahmedabad-382481 Gujarat.

Date of Birth : 1st Nov 1980

Sex : Male

Nationality : Indian

Languages Known : English, Hindi and Gujarati

Declaration

I here by declare that all the statements furnished here in are true, complete and correct to the best of my knowledge

Dr. S. S. Pancholi
Principal
Shri Sarvagyan Army College
Mehsana.

Manish J. Patel

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