



Sachin Chaudhary

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Educational Qualification

Bachelor of Pharmacy (2003-2007)

Department of Pharmacy, SRMS College of Engineering and Technology, Uttar Pradesh Technical University, India.

Master of Pharmacy (Pharmaceutical Chemistry) (2007-2009)

IFTM College of Pharmacy, Uttar Pradesh Technical University, India.

Publications

1. Arun Mishra, Aadesh Upadhyay, Arjun Patra, **Sachin Chaudhary**, Pronobesh Chattopadhyay. "Simultaneous determination of epinephrine and norepinephrine by high performance liquid chromatography." *Sci Pharm*, 2009, 77(2), 367-374.
2. Adesh Upadhyay, Arun Mishra, **Sachin Chaudhary**, Pronobesh Chattopadhyay. "Mitochondrial anti-oxidant enzymes caused by cigarette smoke in experimental wistar rats." *Research Journal of Pharmacy and Technology*, 2009, 2(4), 1-4.
3. **Sachin Chaudhary**, Pronobesh Chattopadhyay, Arun Kumar Wahi, Mukund Didel, Vinesh Dahiya. "Synthesis and study of antibacterial and antifungal activity of novel 2-(5-Substituted Methylamino-1, 3, 4-Thiadiazol-2-yl) phenols." *JOCPR*, 2010, 2(1), 47-52.
4. **Sachin Chaudhary**, Arvind Negi, Vinesh Dahiya. "The study of in-vitro antimicrobial activity and phytochemical analysis of some medicinal plants in chamoli garhwal Region." *Pharmacognosy Journal*, 2011, 2(12), 481-485.
5. **Chaudhary Sachin**, Ajay Pal. "Indian medicinal Plants used in liver disease." *Pharmacognosy Journal*, 2011, 3(19), 91-94.
6. **Sachin Chaudhary**, Hitesh Kumar, Harishchandra Verma, Ashok Rajpoot, "Synthesis and biological screening of proline rich cyclic heptapeptide." *International Journal of Pharm Tech Research*, 2012, 4(1), 194-200.
7. **Sachin Chaudhary**, Rajnish Singh, Ramesh Kumar Gupta. "Synthesis and biological activity of peptide derivatives of 2-hydroxy-5-(6-iodo-2-methyl-4-oxoquinazolin-3(4h)-yl) benzoic acid." *Asian Journal of Pharmaceutical and Clinical Research*, 2012, 5(4), 196-200.
8. Ramesh Kumar Gupta, **Sachin Chaudhary**, Vaishali, Rajnish Kumar Singh. "Antihepatotoxic influence of aqueous extract of *Ipomoea Carnea* against carbon tetrachloride induced acute liver toxicity in experimental rodents." *Asian Journal of Pharmaceutical and Clinical Research*, 2012, 5 (Suppl. 4), 262-265.
9. Rajnish Kumar Singh, Ramesh Kumar Gupta, Vaishali, Mallinath Hugar, Sushil Tiwari, Ashish Pandey, Gaurav Gupta, **Sachin Chaudhary**, Sudhansu Ranjan Swain, Susanta Kumar Panda. "Isolation and characterization of bioactive phytoconstituents from the leaves of

- Cassia Auriculata* Linn.” World Journal of Pharmacy and Pharmaceutical Sciences, 2013, 2(6), 6366-6370.
10. **Sachin Chaudhary**, Amit Kumar. “Phytochemical analysis and assessment of in-vitro anthelmintic activity of *Cassia auriculata* Linn leaves.” American Journal of Phytomedicine and Clinical Therapeutics, 2014, 2(2), 153-160.
 11. **Sachin Chaudhary**, Sushil Kumar. “Synthesis and biological activity of peptide derivatives of 1, 2-dihydro-3-methyl-2-oxoquinoxaline-6-carboxylic acid.” Der Pharma Chemica, 2015, 7(9), 210-220.
 12. **Sachin Chaudhary**, Sushil Kumar, Hamadeh Tarazi. “Peptide Derivatives of 1, 2-dihydro-3-methyl-2-oxoquinoxaline-6-carboxylic acid: Synthesis, Molecular Modeling and Evaluation of Antimicrobial, Antifungal, Antiviral potential.” Pharmaceutical Chemistry Journal, 2016, 50(5), 281-288.
 13. **Sachin Chaudhary**, Amit Semwal, Hitesh Kumar, Harish Chandra Verma, Amit Kumar. “In-vivo study for anti-hyperglycemic potential of aqueous extract of Basil seeds (*Ocimum basilicum* Linn) and its influence on biochemical parameters, serum electrolytes and haematological indices.” Biomedicine & Pharmacotherapy, 2016, 84, 2008–2013.
 14. Ramesh Kumar Gupta, Sudhan Ranjan Swain, Jagannath Saho, Amresh Gupta, **Sachin Chaudhary**. “Hepatoprotective potential of *Trichosanthes dioica* Roxb in hepatotoxicity induced by simvastatin and its consequences on biochemical and haematological indices.” Pharmacognosy Journal, 2018, 10(4), 720-724.
 15. **Sachin Chaudhary**, Ramesh Kumar Gupta, Amit Kumar, Hamadeh Tarazi. “Hepatoprotective and antioxidant potential of *Nyctanthes arbor-tristis* L. leaves against antitubercular drugs induced hepatotoxicity.” Journal of Pharmacy and Pharmacognosy Research, 2018, 6(3), 205-215.
 16. Amit Kumar, Pankaj Kumar Jangra, **Sachin Chaudhary**. “New validated RP-HPLC method for determination of Eflornithine hydrochloride.” International Journal of ChemTech Research, 2018, 11(1), 348-354.
 17. Abdel Nasser El-shorbagi, Mohamed El-Naggar, Hamadeh Tarazi, **Sachin Chaudhary**. Hajjaj Abdu-Allah. “Bis-(5-substituted-2-thiono-1,3,5-thiadiazinan-3-yl) butane as a scaffold of anti-proliferative activity, blended by a multicomponent process.” Medicinal Chemistry Research, 2018, 27(4), 1103-1110.
 18. **Sachin Chaudhary**, Hazar Hisham, Doha Mohamed. A review on phytochemical and pharmacological potential of watercress plant.” Asian Journal of Pharmaceutical and Clinical Research, 2018, 11(12), 102-107.
 19. **Sachin Chaudhary**, Harish Chandra Verma, Mandeep Kumar Gupta, Ramesh Kumar Gupta, Amit Kumar, Abdel Nasser El-Shorbagi. “Synthesis and investigation of anthelmintic, antibacterial, and antifungal activity of 3,3-diphenyl propanamide derivatives.” Asian Journal of Pharmaceutical and Clinical Research, 2019, 12(1), 310-315.
 20. **Sachin Chaudhary**, Abdel-Nasser El-shorbagi, Harish Chandra Verma, Mandeep Kumar Gupta. “A review on phytochemical and pharmacological profile of *Gloriosa superba* Linn.” International Research Journal of Pharmacy, 2019, 10(4), 1-5.
 21. Ramesh Kumar Gupta, Sudhansu Ranjan Swain, Jagannath Sahoo, **Sachin Chaudhary**, Amresh Gupta. “Isolation, characterization and hepatoprotective activity of naturally occurring protopine against simvastatin induced liver toxicity in experimental rodents.” Current Bioactive Compounds, 2019, In press, DOI : [10.2174/1573407215666190211151306](https://doi.org/10.2174/1573407215666190211151306)
 22. Abdel Nasser El-Shorbagi, **Sachin Chaudhary**. “Monobactams: A unique natural scaffold of four-membered ring skeleton, recent development to clinically overcome infections by multidrug-resistant microbes.” Letters in Drug design and Discovery, 2019, DOI: [10.2174/1570180816666190516113202](https://doi.org/10.2174/1570180816666190516113202)

Poster Presentations

1. Semwal Amit, Upadhyay Aadesh, Chattopadhyay Pronobesh, **Sachin Chaudhary**, Wahi Arun Kumar "Ascorbic acid and N-acetyl cysteine protects against cigarette smoking induced lung cell damage in rats", RCH -PHARMAMED 2009 – National conference on reproductive and child Health on 17-18th April 2009, Jamia Hamdard, New Delhi., India.
2. **Sachin Chaudhary**, Parmita Das, Manika Kala, Pankaj Kumar, Hitesh Kumar. "Synthesis and biological screening of proline rich cyclic heptapeptide." National seminar on current status of pharma education in India: Resources and Utilization on 14th November 2010 at KIET School of Pharmacy, Ghaziabad, U.P., India.
3. **Sachin Chaudhary**, "Indian medicinal plants used in liver disease" National convention on global needs for standardization of herbal drugs on 6th march 2011 at Department of Pharmacy, Vivek College of technical education, Bijnor, U.P., India.
4. **Sachin Chaudhary**, "Synthesis and biological activity of peptide derivatives of 2-hydroxy-5-(6-iodo-2-methyl-4-oxoquinazolin-3(4h)-yl) benzoic acid" National seminar on VISION-2020: Quality education in Pharmacy and its challenges, SRMSCET, Department of Pharmacy, Bareilly. U.P., India.

Experience/s

- Lecturer, IIMT School of Pharmacy, Meerut, India. (2009-2010)
- Assistant Professor, Moradabad Educational Trust, Group of Institutions Faculty of Pharmacy, Moradabad, India. (2010-2013)
- Clinical Lecturer, College of Pharmacy, University of Sharjah, United Arab Emirates. (2013-2014)
- Lecturer, College of Pharmacy, University of Sharjah, United Arab Emirates. (2014-continuing)

Projects/

Research work

RESEARCH/ WORK EXPERIENCE:**1. Under Graduation Research Program (Co-supervisor)****Title of Project:** "Recent approaches in the treatment of Parkinson's disease."**Name of institution:** College of Pharmacy, University of Sharjah, United Arab Emirates.**Description of project:**

- A review on recent approaches used to treat Parkinson's disease.

2. Under Graduation Research Program (Co-supervisor)**Title of Project:** "A review on synthesis and biological potential of tetrahydro-2H-1,3,5-Thiadiazine-2-thione scaffold."**Name of institution:** College of Pharmacy, University of Sharjah, United Arab Emirates.**Description of project:**

- A review on synthesis and biological potentials of THTT scaffold.

3. Under Graduation Research Program (Co-supervisor)**Title of Project:** "Method Development and Validation of Enantio selective separation of Benzoic Racemic Mixtures."**Name of institution:** College of Pharmacy, University of Sharjah, United Arab Emirates.**Description of project:**

- A simple, rapid and robust liquid chromatographic method was developed and validated for separation of Benzoic Racemic mixtures.

4. Under Graduation Research Program (Co-supervisor)**Title of Project:** "Development and Validation of Stability Indication RP-LC Method for Analysis of Carbamazepine in Raw Material according to ICH Guidelines."**Name of institution:** College of Pharmacy, University of Sharjah, United Arab Emirates**Description of project:**

- An Isocratic reverse phase liquid chromatographic (RP-LC) method was developed and validated for quantitative determination of Carbamazepine in bulk drugs.

5. Post-graduation research program

Title of project: “Synthesis and Lead Optimization of Proline Rich Cyclic Heptapeptide as an Antidiabetic Agent.”

Name of institution: IFTM College of Pharmacy, Uttar Pradesh Technical University, India.

Description of project:

- To synthesize Proline Rich Cyclic Heptapeptide and their chemical characterization, using Mass, IR, ¹H-NMR spectral analysis.
- To develop more effective and selective Antidiabetic, Antimicrobial and Anthelmintic agents.

Mentor: Prof. P.Chattopadhyay, M.Tech, M. Pharm, PhD.

Percent of effort Expended: 100%

6. Undergraduate Research Training

Title of Project: Synthesis And Pharmacological Evaluation of 1, 3, 4-Thiadiazole derivatives.

Name of Institution: Department of Pharmacy, SRMS College of Engineering and Technology, Uttar Pradesh Technical University, India.

Description of project:

A new series of Anti bacterial and Antifungal agents with 2-(5-amino-1, 3, 4-thiadiazol-2-yl) phenol as the central scaffold unit has been synthesized. The newly synthesized derivatives were characterized by analytical and spectral methods. The derivatives were screened for antimicrobial activity against pathogenic microbes *Bacillus subtilis*, *Staphylococcus aureus*, *E.coli*, in comparison with the reference drug Ampicillin, Ciprofloxacin and Doxycycline and antifungal activity against *Candida albicans* and comparable to that of Fluconazole as a reference drug and in this investigation the significant level of activity was illustrated.

Percent of effort Expended: 100%

Mentor(s): Ms.Garima Aggarwal, M.Pharm

Seminars/Workshops

- Attended seminar on “*Memory Enhancing Effect of Standardized Extract of BRAHMI-(Bacopa monniera): PROMIND™*” by Dr. Hemant Kr. Singh, Ex. Deputy Director CDRI, Lucknow, India.
- Attended seminar on “*¹H-NMR & ¹³C-NMR*” by Dr. Rajiv sakhujia, College of Pharmacy, Delhi University, India.
- Attended seminar on “*HPTLC: Practical applications*” by Dr. F.J Ahmad, Jamia Hamdard, New Delhi, India.
- Attended AICTE sponsored STAFF DEVELOPMENT PROGRAMME on “*Lecture design and delivery methodologies*”, Ram Gopal College of Pharmacy, Sultanpur, Gurgaon, Haryana. India. (2010).
- Attended “*Anticoagulation*” workshop at College of Pharmacy, University of Sharjah. (2014)
- Attended workshop on “*Asthma: Pharmacist’s contribution to screening, referral and management*” at College of Pharmacy, University of Sharjah. (2014).

- Attended workshop on “**Conducting Clinical trials –Introduction to ICH –GCP**” at College of Pharmacy, University of Sharjah in collaboration with Boehringer Ingelheim Pharmaceutical Company Accredited for 5CME hours by UOS-CMEC (5), (2014).
- “**6th Pan Arab Human genetic Conference**” accredited by Ministry of Health (MOH), Dubai, UAE, (2016).
- Attended “**Anticoagulation**” workshop accredited for 5.5CME hours at College of Pharmacy, University of Sharjah. (2016).
- “**Meaningful Healthcare Interventions**” workshop at College of Pharmacy, University of Sharjah. (2016).
- Attended and contributed as an Evaluator in “**1st Future Pharmacist Day**” at College of Pharmacy, University of Sharjah. (2017).
- Attended “**UOS-Boehringer Ingelheim partnership workshop 2017**” at University of Sharjah. (2017).
- Attended “**The 5th Emirati German Congress in Medicine**” at University of Sharjah. (2017).
- Attending “**Faculty development seminar series**” at College of Pharmacy, University of Sharjah.
- Attended and contributed as an Evaluator in “**2nd Future Pharmacist Day**” at College of Pharmacy, University of Sharjah. (2018).
- Attended and contributed as an Evaluator in “**Pharmacist Day Exhibition**” at College of Pharmacy, University of Sharjah. (2018).
- Attended “**International Clinical Pharmacy Conference 2018**” at College of Pharmacy, University of Sharjah. (2018).
- Attended “**The 2nd International Conference of Pharmacy and Medicine & The 6th Emirati German Congress in Medicine**” at University of Sharjah. (2018).
- Attended contributed as an Evaluator in “**The World Pharmacist’s Day**” at College of Pharmacy, University of Sharjah. (2018).
- Participated and completed “**The Implementation Program for Exam Soft Portal**” at College of Pharmacy, University of Sharjah. (2018).
- Participated and completed “**Online Lab Safety Training**” at College of Pharmacy, University of Sharjah. (2019).
- Attended and contributed as an Evaluator in “**3rd Future Pharmacist Day**” at College of Pharmacy, University of Sharjah. (2019).

Professional Activities

- Member of Schedule & Examination Committee at College of Pharmacy, University of Sharjah.
- Member of Purchasing & Laboratories Committee at College of Pharmacy, University of Sharjah.
- Member of Assessment Committee at College of Pharmacy, University of Sharjah.
- Member of Exam-Soft task force at College of Pharmacy, University of Sharjah.

Languages Known

Mother Language/Tongue : Hindi/Urdu
Professional Language : English

Strengths

- Friendly nature and compatibility with all kinds of people
- Openness to criticisms
- Perseverance and Hard work
- Ever-growing thirst for knowledge and a learning attitude

I assure you that the above-furnished information is true in every aspect and area on my behalf.

Date: 30/May/2019

SACHIN CHAUDHARY