

Dr. Sameer Dhingra

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National Institute of Pharmaceutical Education and Research
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Qualifications

2019: Certificate course on Responsible Conduct of Research from Collaborative Institutional Training Initiative (CITI), FL, USA

2015: Postgraduate Diploma in University Teaching & Learning from The University of the West Indies, St. Augustine Campus, Trinidad and Tobago

2014: Foreign Pharmacist's Training at Eric Williams Medical Sciences Complex Teaching Hospital, Uriah Butler Highway, Champ Fleurs, Trinidad and Tobago

2012: PhD (Pharmaceutical Sciences) from Guru Jambheshwar University of Science and Technology, Hisar, India

2003: M. Pharm. (Pharmacy Practice) from JSS College of Pharmacy, Mysore, affiliated to Rajiv Gandhi University of Health Sciences, Bangalore, India

2000: Registration with Haryana State Pharmacy Council, Panchkula, India

1999: B.Pharm. from JSS College of Pharmacy, Ooty, affiliated to The Tamilnadu Dr. M.G.R. Medical University, Chennai, India

Experience

- Presently working as an Associate Professor in the Department of Pharmacy Practice, NIPER-Hajipur.
- Worked as an Assistant Professor/Lecturer in Department of Pharmacy Practice, School of Pharmacy, The University of the West Indies, St. Augustine. (May 7, 2013-Dec 22, 2020)
- Worked as Professor and Head, Swift School of Pharmacy, Patiala, Punjab. (June 2012-April 2013)
- Worked as Professor and Head, Spectrum Institute of Pharmaceutical Sciences, Greater Noida. (February 2012-May 2012)
- Worked as an Associate Professor and Officiating Director, School of Pharmacy, Baddi University of Emerging Sciences and Technologies, Baddi, HP. (August 2011-January 2012)
- Worked as an Assistant Professor, School of Pharmacy, Baddi University of Emerging Sciences and Technologies, Baddi, HP. (April 2009-July 2011)

- Worked as Senior Lecturer in Lord Shiva College of Pharmacy, Sirsa, Haryana. (August 2008-March 2009)
- Worked as Lecturer in Lord Shiva College of Pharmacy, Sirsa, Haryana from March 2004 to July 2008
- Worked as Lecturer in Sinhgad Institute of Pharmaceutical Sciences, Lonavala, Pune. (September 2003-February 2004)
- Worked as Product Specialist in AstraZeneca Pharmaceuticals Limited, Bengaluru (June 1999-August 2000)

Research interests

- Medication safety and rational use of medicines
- Post-marketing surveillance/Pharmacovigilance and adverse drug reaction monitoring
- Antimicrobial stewardship and infection prevention and control
- Pharmaceutical policy and practice research
- Behavioural and psychiatric disorders

Selected Publications (Total citations > 675, i10-index = 19)

(*denotes corresponding author)

1. **Dhingra S**, Rahman NA, Peile E, Rahman M, Sartelli M, Hassali MA, Islam T, Islam S, Haque M. Microbial resistance movements: an overview of global public health threats posed by antimicrobial resistance, and how best to counter. **Frontiers in Public Health** 2020 doi: 10.3389/fpubh.2020.535668 [PubMed indexed] (Impact Factor = 2.483; Q2)
2. Haque M, McKimm J, Sartelli M, **Dhingra S**, Labricciosa FM, Islam S, Jahan D, Nusrat T, Chowdhury TS, Coccolini F, Iskandar K, Catena F, Charan J. Strategies to prevent healthcare-associated infections: a narrative overview. **Risk Management and Healthcare Policy** 2020; 13:1765-1780 [PubMed indexed] (Impact Factor = 2.429; Q1)
3. Sartelli M, C Hardcastle T, Catena F, Chichom-Mefire A, Coccolini F, **Dhingra S**, Haque M, Hodonou A, Iskandar K, Labricciosa FM, Marmorale C. Antibiotic use in low and middle-income countries and the challenges of antimicrobial resistance in surgery. **Antibiotics** 2020; 9: 497. [PubMed indexed] (Impact Factor = 3.893; Q1)
4. Haque M, Islam T, Rahman NA, McKimm J, Abdullah A, **Dhingra S**. Strengthening primary health care services to help prevent and control long-term (chronic) non-communicable diseases in low-and middle-income countries. **Risk Management and Healthcare Policy** 2020; 13: 409-26. [PubMed indexed] (Impact Factor = 2.429; Q1)
5. Sartelli M, Pagani L, Iannazzo S, **Dhingra S** et al. A proposal for a comprehensive approach to infections across the surgical pathway. **World Journal of Emergency Surgery** 2020; 15: 13. PMID: 32070390 [PubMed - indexed for MEDLINE] (Impact Factor = 3.798; Q1)

6. Haque M, Islam T, Sartelli M, Abdullah A, **Dhingra S**. Prospects and challenges of precision medicine in lower-and middle-income countries: a brief overview. **Bangladesh Journal of Medical Science**. 2020;19(1):32-47. [PubMed]
7. Yadav M, Jindal DK, Parle M, Kumar A, **Dhingra S***. Targeting oxidative stress, acetylcholinesterase, proinflammatory cytokine, dopamine and GABA by eucalyptus oil (*Eucalyptus globulus*) to alleviate ketamine-induced psychosis in rats. **Inflammopharmacology** 2019; 27: 301–311. PMID: 29464495 [PubMed - indexed for MEDLINE] (Impact Factor = 3.838)
8. Yadav M, Parle M, Sharma N, Jindal DK, Bhidhasra A, Dhingra MS, Kumar A, **Dhingra S***. Protective effects of *Spinacia oleracea* seeds extract in an experimental model of schizophrenia: Possible behavior, biochemical, neurochemical and cellular alterations. **Biomedicine & Pharmacotherapy** 2018; 105: 1015–25. PMID- 30021336 [PubMed - indexed for MEDLINE] (Impact Factor = 3.743)
9. Yadav M, Parle M, Jindal DK, **Dhingra S***. Protective effects of Stigmasterol against ketamine-induced psychotic symptoms: Possible behavioral, biochemical and histopathological changes in mice. **Pharmacological Reports** 2018; 70: 591–599. PMID: 29679883 [PubMed - indexed for MEDLINE] (Impact Factor = 2.76)
10. Yadav M, Jindal DK, Dhingra MS, Kumar A, Parle M, **Dhingra S***. Protective effect of gallic acid in experimental model of ketamine-induced psychosis: possible behaviour, biochemical, neurochemical and cellular alterations. **Inflammopharmacology** 2018; 26: 413–24. PMID: 28577133 [PubMed - indexed for MEDLINE] (Impact Factor = 3.838)
11. Sartelli M, Kluger Y, Ansaloni L, Hardcastle TC, Rello J, Watkins RR, Bassetti M, **Dhingra S**, et al. Raising concerns about the Sepsis-3 definitions. **World Journal of Emergency Surgery** 2018; 13: 6. PMID: 29416555 [PubMed - indexed for MEDLINE] (Impact Factor = 3.798)
12. Sartelli M, Labricciosa FM, Barbadoro P, Pagani L, Ansaloni L, Brink AJ, Carlet J, **Dhingra S**, Khanna A, Chichom-Mefire A, et al. The Global Alliance for Infections in Surgery: defining a model for antimicrobial stewardship—results from an international cross-sectional survey. **World Journal of Emergency Surgery** 2017; 12: 34. PMID: 28775763 [PubMed - indexed for MEDLINE] (Impact Factor = 3.798)
13. Global Alliance for Infections in Surgery Working Group. A Global Declaration on Appropriate Use of Antimicrobial Agents across the Surgical Pathway. **Surgical Infections** 2017; 18: 846–53. PMID: 29173054 [PubMed - indexed for MEDLINE] (Impact Factor = 1.921)
14. Yadav M, Parle M, Sharma N, **Dhingra S**, Raina N, Jindal DK. Brain targeted oral delivery of doxycycline hydrochloride encapsulated Tween 80 coated chitosan nanoparticles against ketamine induced psychosis: behavioral, biochemical, neurochemical and histological alterations in mice. **Drug delivery** 2017; 24: 1429–40. PMID: 28942680 [PubMed - indexed for MEDLINE] (Impact Factor = 3.829)

15. Kumar A, Yadav M, Parle M, **Dhingra S**, Dhull DK. Potential drug targets and treatment of schizophrenia. **Inflammopharmacology** 2017; 28: 1–6. PMID: 28353125 [PubMed - indexed for MEDLINE] (Impact Factor = 3.838)
16. Khan MU, Hassali MA, Ahmad A, Elkalmi RM, Zaidi ST, **Dhingra S***. Perceptions and practices of community pharmacists towards antimicrobial stewardship. **PloS One** 2016; 11: e0149623. PMID: 26901404 [PubMed - indexed for MEDLINE] (Impact Factor = 2.776)
17. Sartelli M, Weber DG, Ruppé E, **Dhingra S** et al. Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). **World Journal of Emergency Surgery** 2016; 11: 33. PMID: 27429642 [PubMed - indexed for MEDLINE] (Impact Factor = 3.798)
18. Ahmad A, Khan MU, Malik S, Mohanta GP, Parimalakrishnan S, Patel I, **Dhingra S***. Prescription patterns and appropriateness of antibiotics in the management of cough/cold and diarrhea in a tertiary care teaching hospital. **Journal of Pharmacy & Bioallied Sciences** 2016; 8: 335. PMID: 28216959 (Impact Factor = 0.32)
19. Ahmad A, Khan MU, Gogoi LJ, Kalita M, Sikdar AP, Pandey S, **Dhingra S***. Japanese Encephalitis in Assam, India: Need to increase healthcare workers' understanding to improve health care. **PloS One** 2015; 10: e0135767. PMID: 26296212 [PubMed - indexed for MEDLINE] (Impact Factor = 2.776)
20. Ahmad A, Khan MU, Patel I, Maharaj S, Pandey S, Dhingra S*. Knowledge, attitude and practice of B.Sc. Pharmacy students about antibiotics in Trinidad and Tobago. **Journal of Research in Pharmacy Practice** 2015; 4: 37. PMID: 25710049 (Impact Factor = 0.76)
21. Rafi MS, Naqvi SB, Khan MU, Fayyaz M, Ashraf N, Khan MA, Ahmad A, Dhingra S*. Evaluation of potential drug-drug interactions with antidepressants in two tertiary care hospitals. **Journal of Clinical and Diagnostic Research** 2015; 9: FC05–08. PMID: 26393139 (Impact Factor = 0.35)
22. Ramrekha C, Ramkhelawan A, Singh R, Solomon A, Tilluckdharry C, Ahmad A, Dhingra S, Pandey S, Maharaj S (2015). Pharmacy Education in Trinidad and Tobago. **Indian Journal of Pharmaceutical Education and Research** 2015; 49: 168–73. (Impact Factor = 0.17)
23. Dhingra MS, **Dhingra S**, Kumria R, Chadha R, Singh T, Kumar A, Karan M. Effect of trimethylgallic acid esters against chronic stress-induced anxiety-like behavior and oxidative stress in mice. **Pharmacological Reports** 2014; 66: 606–12. PMID: 24948061 [PubMed - indexed for MEDLINE] (Impact Factor = 2.761)
24. Sachdeva M, Chadha R, Kumar A, Karan M, Singh T, **Dhingra S**. Hepatoprotective effect of trimethylgallic acid esters against carbon tetrachloride-induced liver injury in rats. **Indian Journal of Experimental Biology** 2014; 53: 803. PMID: 26742325 [PubMed - indexed for MEDLINE] (Impact Factor = 1.475)

25. Dhingra MS, **Dhingra S**, Chadha R, Singh T, Karan M. Design, synthesis, physicochemical, and pharmacological evaluation of gallic acid esters as non-ulcerogenic and gastroprotective anti-inflammatory agents. **Medicinal Chemistry Research** 2014; 23: 4771–88. (Impact Factor = 1.720)
26. Maharaj S, Pandey S, Maharaj K, Sheik MS, **Dhingra S***. Significance of pharmaceutical excipients in prescribed medicines: a case report. **Clinical case reports** 2014; 2: 258–9. PMID: 25548626 (Impact Factor = 0.51)
27. **Dhingra S**, Kumria R. A case report on the significance of clinical pharmacy services in India. **Clinical case reports**. 2014;2(3):86-7. (Impact Factor = 0.51)
28. Sachdeva M, **Dhingra S***. Obinutuzumab: A FDA approved monoclonal antibody in the treatment of untreated chronic lymphocytic leukemia. **International Journal of Applied and Basic Medical Research** 2014; 5: 54. PMID: 25664270 (Impact Factor = 0.2)
29. **Dhingra S***, Sachdeva M, Parle M (2014). Findings of a retrospective study on factors responsible for depression in a Northern Indian State. **Journal of Mood Disorders**. 4(1): 1-6.
30. **Dhingra S***, Parle M. Herbal remedies and nutritional supplements in the treatment of depression: a review. **Psychiatry and Clinical Psychopharmacology** 2012; 22: 286–92. (Impact Factor = 0.476)
31. **Dhingra S***, Parle M (2011). Non-drug strategies in the management of depression: a comprehensive study of systematic review and meta-analysis of randomized controlled trials. **Journal of Neuroscience and Behavioural Health**. 3 (5), 66-73.

Book Chapter

Dhingra S*, Maharaj S, Extavour RM, Babar ZUD (2017) Pharmaceutical policy in Trinidad and Tobago. In **Pharmaceutical policy in countries with developing healthcare systems** (pp. 349-363). Springer Nature International Publishing.

Patents filed

1. Sachdeva M, Sharma PD, Karan M, Chadha R, Singh T, **Dhingra S** (2017). Syringic acid esters, method of synthesis and uses thereof. 2017/1102/7110.
2. Dhingra S, Uday Gaikwad and Parle M (2012). Device for inducing Obsessive Compulsive Disorder in laboratory animals. 3087/DEL/2012.
3. Dhingra S, Parle M (2012). Device for inducing depression in rodents. 775/DEL/2012.

Awards and honours

1. **“Letter of appreciation”** from the Dean, Faculty of Medical Sciences, UWI St. Augustine for work done at the University of the West Indies, St. Augustine. (December 2020)
2. **“Certificate of Appreciation”** for various lectures delivered on different occasions either at faculty or school level in the UWI, St. Augustine Campus.
3. **“Token of Appreciation”** from the University of Colorado on delivering a lecture on Antimicrobial Stewardship and holding a key session during the Pharmacy SNOW Symposium. (December 2016)

4. **“Certificate of Appreciation”** from the UWI Campus Principal for working on the Research Development Impact funded Pharmacovigilance project
5. **“APP Young Investigator Award 2016”** by Association of Pharmacy Professionals for research work. **(July 2016)**
6. **“Rashtriya Vidya Gaurav Rattan Award”** and a **“Certificate of Merit”** for academic excellence from International Institute of Education and Management, New Delhi, India. **(September 2009)**
7. **“Certificate of Excellency”** from the President, Haryana State Pharmacy Council, India with regard to a series of lectures delivered to Hospital Pharmacists in Haryana State. **(October 2008)**
8. **“Certificate of Appreciation”** from Commonwealth Pharmaceutical Association-Malaysian Pharmaceutical Society, Malaysia in special recognition of contribution towards Drug Information Services in Haryana State, India. **(August 2007)**
9. **Member among the Esteemed Panel of Judges for evaluation of first National Essay Competition** organized by International Pharmaceutical Association–Students Federation. **(July 2007)**
10. **“Certificate for the first prize in Essay competition”** organized by the Indian Pharmaceutical Association for Pharmacy Teachers on topic “Role of Educational Institutes in improving the status of community pharmacy practice in India”. (August 2006)
11. **“Certificate of Excellence”** from Astra Zeneca Pharma India Ltd for winning first prize in detail contest. **(January 2000)**
12. Recipient of **“Certificate of Appreciation”** from Rotary Blood Bank, Sector 37, Chandigarh, India for regularly donating blood. (November 2012); donated 23 times until December 2020