

Dr Rakesh Kumar
Associate Professor
Department of Pharmacology
Punjab Institute of Medical Sciences
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Dr. RAKESH KUMAR

EXPERIENCE

- Demonstrator at Government Medical College, Patiala (2002-2005)
- Assistant Professor: Department of pharmacology, Genesis Institute of Dental Sciences and Research, Ferozepur, Punjab. (2005-2009)
- Associate Professor: Department of pharmacology, Genesis Institute of Dental Sciences and Research, Ferozepur, Punjab. (2010-2011)
- Assistant Professor: Department of pharmacology, Punjab Institute of Medical Sciences, Jalandhar, Punjab. (2011-2017)
- Working as Associate Professor Department of pharmacology, Punjab Institute of Medical Sciences, Jalandhar, Punjab. (2017-till date)

ACADEMIC QUALIFICATION

- **M.D in Pharmacology** from Govt. Medical College, Patiala (2005)
- **M.B.B.S** from Govt. Medical College, Patiala (1997)

Memberships

- Member Indian Association of Medical Journal Editors
- Life Member Indian Medical Association

Administrative - Academic activities:

- Ex Member, Board of Studies, Punjab Technical University, Kapurthala
- University examiner of pharmacology theory & practical examination. (BFUHS Faridkot, Pandit Bhagwat Dayal Sharma University of Health Sciences, Rohtak, Himachal Pradesh university)
- Undertake theory and practical classes of second year graduate degree course for MBBS students.
- Interdepartmental collaborative projects. Support activities like course content, approach, seminars, interdepartmental activities etc.
- Contributed in framing of SOP's Institutional Ethics Committee
- Observer – Baba Farid University Examination
- Nodal Officer – University Examination online paper checking. Baba Farid university of Health Sciences
- Nodal Officer – Prime Minister's special scholarship scheme for national importance
- Nodal officer – Dr. Ambedkar, Post matric Scholarships Scheme
- Associate Editor- PIMS Chronicle
- Member Cultural Committee, PIMS
- Completed online, Training course for Health sciences Faculty. The Indian Program of the UNESCO chair in Bioethics (Haifa)
- **Co-guide of DNB Medicine student**

Computer Skills

- Highly proficient in using internet and computer based applications. Good knowledge and experience in using - Microsoft Word, Microsoft Excel, Power point, Boolean search, PubMed, NCBL and other internet browsing for literature search.
- Highly proficient in using SPSS software for statistical Analysis.

Publications

1. SIM book on '**Drug Design**' for BSc BT -6 semester; 2010 (Punjab Technical University, Kapurthala).
2. Sharma V, Kumar R. Oral Infections – gateway of diseases? Journal of Dentistry Defence Section, IDA (JDDS). 2010;5(2):47-51.
3. Kumar R, Sharma V, Singh S, Hardeep. Tetracycline induced mucosal ulceration: A rare drug reaction. Int J Pharmacol and clin Sci 2012; 1(3): 82-84.
4. Kumar R, Sehgal VK, Kaur B, Kaur R. Cardiodepressant activity of newer Dihydropyrimidine Derivative in Comparison to Nifedipine on Perfused Rabbit Heart. Int J Med & Dent Sci 2012; 2: 6-14.
5. Pandey DK, Hardeep, Rauf MJ, Kumar R, Mubeen MF. Drug Utilization Pattern in Urinary tract infections: A retrospective study. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2012; 3(4):1231-1235.
6. Hardeep, Santosh SC, Gopalkrishna HN, Kumar R. Effect of ciprofloxacin and sodium valproate on chemical induced seizures in mice. An acute study. Research Journal of Pharmaceutical, Biological and Chemical Sciences 2012; 3(4):1307-1312.
7. Kumar R, Bajaj JK, Singh S, Sood M. Rationality of Prophylactic Antibiotic use in genitourinary surgery in a Tertiary Care Hospital. International Journal of Pharmacology and clinical Sciences. December 2012;1(4):106-110.
8. Kaur R, Singh S, Chand S, Kumar R. Effect of Antihypertensive drugs on Quality of Life in Elderly Patients. Int J Med & Dent Sci 2012;1:9-13.
9. Hardeep, Bajaj JK, Kumar R. A survey on the Knowledge, Attitude and the Practice of Pharmacovigilance among the Health Care Professionals in a Teaching Hospital In Northern India. Journal of clinical and Diagnostic Research. January 2013;7(1):97-99.
10. Kumar R, Bajaj JK, Kaur P. Rationality of Perioperative Antibiotic Prophylaxis in Elective Laproscopic Cholecystectomy. Research Journal of Pharmaceutical, Biological and Chemical Sciences.(RJPBCS).2013;4(6):12-12.
11. Kumar R, Kaur B, Bajaj VK. Calcium Channel activity of a dihydropyrimidine (BKVIII) on Rabbit Aortic strip. Journal of Pharmacology and Pharmacotherapeutics. January – March 2013;4(1):64-66.
12. Singh S, Kumar R, Kaur H. Undetermined Teratogenic Risks by Traditional Sex Selection Drugs. Int J Med and Dent Sci 2013; 2(2):239-241.
13. Singh S, Kumar R, Bajaj JK. Postcoital Pill as over the counter drug. Int J Basic Clin Pharmacol 2013;2:227-8.
14. Kaur R, Kumar R, Sharma V. Case based learning as an innovative teaching tool. Int J Baic Clin Pharmacol 2014;3:395-8.
15. Sharma V, Kumar R, Mona S, Kaur R, Komal K, Karan S, Kumar I. Conditioned gingival enlargement in a case of vascular naevus. Baba Farid University Dental Journal. 2014;5(1):160-162.
16. Sehgal VK, Kumar R. Phenytoin beyond epilepsy. Int J Med and Dental Science. 2015; 4(2):743-744
17. Kumar R, Jassal B, Kumar B. Emergence of Resistant pathogens against Colistin. Int J of Basic and Clinical Pharmacology. May-June 2015;4(3):593-595.
18. Grewal N, Kumar R. Empagliflozin and Metformin. Int. J of Medical and Dental sciences. Jan 2016;5(1):1112-1113.

19. Singh H, Kumar R, Singh. Clinical Profile of hepatorenal syndrome. Int J Med and Dental Science. 2016;5(2):1241-1246.
20. Grewal N, Kumar R, Jassal B. New ray of hope for psychosis in parkinson's: Pimavanserin. Int. J of Medical and Dental sciences. 2016;5(2):1347-1348.
21. Kumar R, Bajaj JK, Sood M, Grewal N, Jassal B. To study prescription behaviour of physician in regard to brand and generic name. International Journal of Basic and Clinical Pharmacology 2016;5(4):1327-1330.
22. Kumar R. Need for Rational use of Antibiotics. Int J Med and Dent Sci 2017;6(2):1454-1455.
23. Kumar R, Jassal B, Sehgal A. Sarilumab: A new arsenal for Rheumatoid Arthritis. Int J Med and Dent Sci 2017;6(2):1571-1573.
24. Mittal R, Kumar R. Exam stress in MBBS students and the methods used for its alleviation. Int J Med and Dent Sci 2018;7(1):1604-1608.
25. Jassal B, Kumar R, Bajaj JK. Sociodemographic correlates of psychological symptoms of premenstrual syndrome. Int J Med and Dent Sci 2018;7(1):1621-1627.
26. Probiotics in health and disease. Grewal N, Jassal B, Kumar R. Int J Med and Dent Sci 2018;7(1):1649-1652.
27. M Sarjeet Singh, K Rakesh, K Rajneesh, K Vineet. Comparative Study between Clipless Laparoscopic Cholecystectomy by Bipolar Cautery Versus Traditional Method Using Titanium Clips. New Indian Journal of Surgery 2018;9(1):61-65.

Clinical Experience

- 1997-1998 - House Surgeon in Surgery at Civil Hospital, Jalandhar,
- 1999-2001-Resident Medical officer at Charitable Hospital, Jalandhar

Workshop Attended

- Competency Based Medical Education
- GCP, ICMR Guidelines on Bioethics and Drugs & Cosmetics Act.
- 3T-IBHSc Training course for Health sciences Faculty. The Indian Program of the UNESCO chair in Bioethics (Haifa)

PERSONAL DETAILS

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| ➤ Date of birth | 12 th February 1972 |
| ➤ Father's Name | Dr. Sat Paul |
| ➤ Nationality | Indian |
| ➤ Languages | English, Hindi, Punjabi |

(Rakesh Kumar)