

RESUME

Dr. Nadeem Irfan Bukhari, B.Pharm, M.Phil (Pharmaceutics), PhD (Pharm. Tech.)

Associate Professor of Pharmaceutics,

University College of Pharmacy

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SELECTED RESEARCH INTERESTS/WORK EXPERIENCE

1. Particulate (micro- and nano- scale) delivery systems
2. Formulation design, evaluation and optimization using statistical and neural networking algorithms
3. Pharmacokinetics (PK), PK interactions and PK variables
4. Enhancing the oral bioavailability of the drugs with low solubility
5. Quality by design (QBD)
6. Pharmacoeconomics and drug pricing.
7. Experienced user of Pharmacokinetic software such as WinNonlin[®], Kinetica[®], PKAnalyst and PK-Fit[®], and Design of Experiment (DOE) software, such as Design Expert[®] and artificial neural network (ANN) software, such as InForm[®] and NeuralPower[®]
8. Characterization, radiolabeling, quality control and dispensing of radiopharmaceuticals
9. Experienced user of statistical packages, SPSS and MINITAB
10. Teaching, research and professional experience of about 21 years.

ACADEMICS

Doctor of Philosophy (PhD) Pharmaceutics (Formulation development and Pharmacokinetics)

Universiti Sains Malaysia, June 2009. The key research area was Nanotechnology, Particulates (micro and nano-scale), Computer-aided optimization and Pharmacokinetic evaluation, etc of biodegradable biopolymer.

Master of Philosophy (M.Phil) in Pharmacy

M. Phil Pharmaceutics (2-years degree by research; Session 1988-90) from College of Pharmacy, University of the Punjab, Lahore (Pakistan), with 1st class.

Bachelor in Pharmacy (B.Pharmacy)

B. Pharmacy (4-years program; Session 1983-87) from Gomal University, Dera Ismail Khan (Pakistan), with 1st class.

Honors

1. First position amongst the successful candidates in B Pharmacy.
2. Award of President's Talent Scholarship through the Ministry of Health Pakistan in B.Pharmacy.

Computer literacy

1. Microsoft Windows
2. Microsoft Office (Word, Excel, PowerPoint)
3. Internet, BASIC language, etc
4. Pharmacokinetic computer software. WinNonlin[®], Kinetica[®], PK-Fit[®], PK-Analyst[®], DX[®], InForm[®], NeuralPower[®], etc.
5. Statistics computer software packages (SPSS[®] and MINITAB[®])

PROFESSIONAL TRAININGS

1. Preparation and characterization of nano-/micro-particles. School of Pharmacy, University of London, UK.
2. Research Methodology and Statistical Techniques, Institute of Graduate Studies, Universiti Sains Malaysia, Penang-Malaysia.
3. Occupational Safety and Health Course for Post Graduate Students. University Sains Malaysia.
4. Problem-based learning, University Sains Malaysia, Malaysia.
5. Training of SPSS at workshop, University of the Punjab, Lahore-Pakistan.
6. Faculty Orientation, University of the Punjab, Lahore-Pakistan.
7. Basics of Radiation Protection in clinical Environment from Shaukat Khanum Memorial Trust Cancer Hospital & Research Centre, Lahore, Pakistan.
8. Six week training from Wyeth Laboratory (Pvt.), Ltd. Lahore, Pakistan.

LICENSURE

Registered Pharmacist (Pakistan) License # 000798-A/88

APPROVED RESEARCH SUPERVISOR

Higher Education Commission (HEC) of Pakistan has approved for supervision of M.Phil and PhD research students.

MEMBERSHIPS/PROFESSIONAL/ASSOCIATIONS/COMMITTEES

1. Additional Member Drug Courts, Lahore Division, Government of Pakistan, since May 2012.
2. Member International Society for the Study of Xenobiotics (ISSX)
3. Member, International Pharmaceutical Federation (FIP), Netherlands.
4. Member, Control Release Society (CRS), USA
5. Member, Pakistan Pharmacists Association, Pakistan
6. Member, Pakistan Hospital Pharmacists Association, Pakistan
7. Member Board of Studies, College of Pharmacy, University of the Punjab, Lahore (2008-2009)
8. Member Board of Studies, Lahore College of Pharmacy, Lahore
9. Member Board of Studies, Faculty of Pharmacy, Hajvery University, Lahore.
10. Convener of assessment/audit in the subject of Pharmaceutics, University of Health Sciences, Lahore
11. Member Inspection team for issuance of manufacturing license, Ministry of Health, Government of Pakistan, Islamabad.

12. Technical Expert for the recruitment of Hospital Pharmacist/Drug inspector, Punjab Public Service Commission, Lahore.
13. Subject Expert for the recruitment of Lecturer in Pharmaceutics, Gomal University, Dera Ismail Khan and Government College University Faisalabad (Pakistan)
14. Member National Test Service, Pakistan

PROFESSIONAL POSITIONS

December 19, 2010 Ongoing

Associate Professor in Pharmaceutics, University College of Pharmacy, University of the Punjab, Lahore, Pakistan

University of the Punjab, Lahore-Pakistan is oldest, prestigious and reputed South-Asian institute. College of Pharmacy was established as department in 1948. In 1977, it was raised to the level of Faculty of Pharmacy and later, during 2004, was upgraded to College of Pharmacy. It enrolls students not only from Punjab and elsewhere in the country, but also from abroad. This college is fully quipped to give the best possible education and training to the students of Pharmacy. At present, working as the Head of the Pharmaceutics Section since 01/06/2012. The responsibilities are lecturing on and taking practical classes of the Pharmaceutical Technology, Industrial Pharmacy, Pharmacokinetics, Pharmaceutical statistics and Radiopharmacy at under graduate and post graduate levels. The other responsibilities included: In-charge Bioequivalence Centre, Editor, Pakistan Journal of Pharmacy and the Officer In-charge for the post graduate examinations in the University College of Pharmacy, University of the Punjab, Lahore.

December 2, 2009 to December 18, 2010

Assistant Professor in Pharmaceutics, University College of Pharmacy, University of the Punjab, Lahore, Pakistan

The responsibilities included lecturing on Pharmaceutical Technology, Industrial Pharmacy, Pharmacokinetics, and Radiopharmacy. The other responsibilities included: In-charge Bioequivalence Centre, Editor, Pakistan Journal of Pharmacy, member Board of study and member Faculty board in the University College of Pharmacy, University of the Punjab, Lahore.

November 5, 2008 to December 1, 2009

Lecturer in Pharmaceutics, University College of Pharmacy, University of the Punjab, Lahore, Pakistan

The responsibilities included lecturing on Pharmaceutical Technology, Industrial Pharmacy, Pharmacokinetics, and Radiopharmacy. The other responsibilities included: In-charge Bioequivalence Centre, Editor/publication In-charge, Pakistan Journal of Pharmacy, member Board of study and member Faculty board in the University College of Pharmacy, University of the Punjab, Lahore.

March 01, 2004* to November 04, 2008

Lecturer in Pharmaceutics, School of Pharmacy, International Medical University (IMU), Kuala Lumpur, Malaysia

The IMU began in 1992 as the International Medical College, the first and at the time

only private medical college in the Asia-Pacific region with 25 prestigious medical schools worldwide. The School of Pharmacy was started in 1996 in partnership with University of Strathclyde, Glasgow. University status was conferred on the College in 1999. In 2004, the school also started its own B. Pharm Honor degree and post graduation by research programs in biomedical fields. Task performing includes lecturing of Pharmaceutical Technology, Biostatistics for health professionals, Biopharmacy, Clinical Pharmacokinetics, conducting practicals, tutorials, setting exam questions, and conducting problems based learning (PBL) sessions, portfolios and computer aided learning (CAL) sessions for statistics computer packages. Have been involved in curriculum development for Pharmaceutics, Radiopharmacy, Complimentary Medicines, Management of the Pharmacist and Statistics for health professional. Also conducting out-station student interviews and acting as semester and module coordinator. Developed and implemented the “Model Industrial Concept” in the University Promoted as Deputy Head, Department of Pharmaceutical Technology on January 1, 2008.

*Joined on June 08, 2004 due to the processing of Immigration Department.

April 21, 2003 to February 27, 2004

Lecturer in Pharmaceutics, School of Pharmacy, University Sedaya College International, Malaysia

The University College Sedaya International has been established in 1987 in private sector in Malaysia as college. It has been recognized by the Ministry of Education, Malaysia. Its School of Pharmacy is approved by Malaysian Board of Pharmacy and is affiliated with the Curtin University of Technology, Australia and Universiti Sains Malaysia, Malaysia. It provides franchised courses for Twining and External Degree Programs of the said institutes. Here took theory and practical classes for the Curtin University of Technology, Australia and Universiti Sains Malaysia, Malaysia. The subjects lectured include Pharmaceutical Technology, Biopharmaceutics, Pharmaceutical Management & Marketing, and Radiopharmacy. Also supervised of research projects in Pharmaceutical Technology and was the member of Board of Studies, Curriculum Development & Revision Committee and of Admission committee.

January 09, 2001 – April 19, 2003

Lecturer in Pharmaceutics, College of Pharmacy, University of the Punjab, Lahore, Pakistan

The responsibilities included lecturing on Industrial Pharmacy, Pharmacokinetics, Pharmaceutical Administration, Management & Marketing and Radiopharmacy. Have also been undertook University-sponsored research. The other responsibilities included: In-charge, Industrial Laboratory; Computer & Multimedia Laboratory; Seminars, Invited Lectures & Workshops. Was the member, departmental Committee for Instrument Purchase and Publication Committee.

January 11, 1997 - January 08, 2001

Lecturer in Pharmaceutics, Pharmacy Department, Islamia University of Bahawalpur, Bahawalpur

The Department of Pharmacy was established in 1991 for imparting Pharmacy education to students of Central Punjab. The responsibilities included delivering of lectures on

Pharmacokinetics, Pharmacy Administration, Radiopharmacy and Industrial Pharmacy. Have been the In-charge of Industrial and Pharmaceutics Laboratories and Departmental Computer section. Involved in University-sponsored and University-Industrial collaborative research.

October 15, 1994 - January 09, 1997

Hospital Pharmacist/Radiopharmacist, Shaukat Khanum Memorial Trust Cancer Hospital & Research Centre, Lahore

At Pakistan's first cancer hospital, have been involved in establishment of Radiopharmacy laboratory, development of written laboratory protocols, devising quality assurance programs and training of technologists on practical aspects of Radiopharmacy. The responsibilities at the Nuclear Medicine Department included supervision of preparation and labelling, quality control and dispensing of the radiopharmaceuticals. Have been the In-charge, Radiopharmacy and Injection areas. Actively participated in Radiopharmaceutical Research, training to the trainee Radiopharmacists, Member, Hospital Committee for Health and safety and of Departmental Committee for Quality Control. In the Hospital Pharmacy, responsibilities included: Receiving and processing of prescriptions and their dispensing, Setting up of Drug information Centre and Developing and implementation of drug bioequivalence screening programs.

Honors

Award of the certificate for dedicated services in SKMTCH & RC, Lahore.

November 25, 1990 - October 12, 1994

Medical Representative, Squibb Pakistan (Pvt.) Ltd, Regional Office, Lahore, Pakistan

Squibb is an American-based multinational Pharmaceutical concern, dealing with the manufacturing and marketing of antihypertensive, antibiotics, anxiolytics and multivitamins. Here duties included provision of technical and research-based information to medical profession and contribution in development of training materials for the medical representatives.

MANAGERIAL POSITIONS/EXPERIENCE

Position/Experience	From	To	Description	Institute
Head Pharmaceutics Section	01-06-12	Ongoing	Managing academic and research activities of the Pharmaceutics Section.	University College of Pharmacy, University of the Punjab, Lahore (Pakistan)
Office In-charge Postgraduate Examinations	11-04-12	Ongoing	Conduct of postgraduate examinations, declaration of result and maintenance of the record	University College of Pharmacy, University of the Punjab, Lahore (Pakistan)

MANAGERIAL POSITIONS/EXPERIENCE (*Continued....*)

Position/Experience	From	To	Description	Institute
Focal person for Hostel arrangement	03-10-11	Ongoing	Hostel arrangement for undergraduate and postgraduate students of University College of Pharmacy for their accommodation	University College of Pharmacy, University of the Punjab, Lahore (Pakistan)
In-Charge Computer and Multimedia Laboratories	27-05-10	Ongoing	Looking after the departmental Computer and Multimedia Laboratories and the internet facility	University College of Pharmacy University of the Punjab, Lahore (Pakistan)
In-charge, Bioequivalence and Clinical Trial Laboratory/Centre	28-01-09	Ongoing	Maintain and up gradation of Centre	University College of Pharmacy, University of the Punjab, Lahore (Pakistan)
Module Coordinator, Management for the Pharmacist B.Pharm (Semester 5)	23-06-08	27-12-08	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, of Radiopharmacy (Selective) B.Pharm (Semester 5)	23-06-08	27-12-08	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Biopharmacy 3 M.Pharm (Semester 4)	11-06-07	14-09-07	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Semester Coordinator for Semester 2 B.Pharm program	08-01-07	30-06-07	Planning of all the teaching and learning activities for all the subjects in the Semester	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Basic Mathematics M.Pharm (Semester 1)	26-02-07	27-07-07	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Management for the Pharmacist B.Pharm (Semester 5)	02-07-07	28-09-07	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Radiopharmacy (Selective) B.Pharm (Semester 5)	02-07-07	28-09-07	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Statistics for Health Professionals B.Pharm (Semester 1)	18-05-06	13-11-06	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)

MANAGERIAL POSITIONS/EXPERIENCE (*Continued....*)

Position/Experience	From	To	Description	Institute
Module Coordinator, Basic Mathematics M.Pharm (Semester 1)	13-02-06	22-12-06	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
Semester Coordinator for Semester 2 B.Pharm program	16-01-06	30-06-06	Planning of all the teaching and learning activities for all the subjects in the Semester	International Medical University, Kuala Lumpur (Malaysia)
Module Coordinator, Biopharmacy 3 M.Pharm (Semester 1)	06-06-05	04-11-05	Planning for the teaching and learning activities of the Management for the Pharmacist	International Medical University, Kuala Lumpur (Malaysia)
In-Charge Computer Laboratory	23-10-01	10-04-03	Looking after the departmental computer laboratory and internet facility	University College of Pharmacy University of the Punjab, Lahore (Pakistan)

VISITING/PART TIME/ CONSULTANCY POSITIONS

July 2012 ongoing

Visiting Professor, School of Pharmacy, DeMontfort University Leicester, United Kingdom

Will mainly be involved in ongoing research projects requiring the Quality by Design, Design of Experiment/Artificial intelligence.

April 2010 ongoing

Consultant & Visiting Faculty, Lahore Pharmacy College – A project of Lahore Medical and Dental College (LMDC), Lahore

LMDC is a medical college in private sector. This institute started its Pharmacy College in 2010. Lahore Pharmacy College has been affiliated with University of health Sciences (UHS), Lahore. Here I worked successfully in a team responsible for development of a pharmacy institute and thereby, its accreditation with Pharmacy Council of Pakistan and affiliation with the UHS, Lahore. Assignments here included the consultation on the academic and administration matters. Also taking theory classes in the subject of Pharmaceutics.

2009 ongoing

Visiting faculty, University of Faisalabad, Faisalabad

University of Faisalabad, Faisalabad is a private sector University. Assignments here include teaching Pharmaceutical Management & Marketing, Biopharmaceutics and Radiopharmacy one day per week and delivery of invited lectures on selected topics.

May 1991* - December 1996*

Honorary lecturer, College of Pharmacy, University of the Punjab, Lahore

Here duties included delivering of lectures on Biopharmaceutics, Pharmacokinetics,

Pharmaceutical Marketing, Radiopharmacy, etc. Also assisted research work of M. Phil level students in the above-mentioned disciplines.

*A special permission was granted from each of above employer to deliver lectures and to be involved in the research programs in College of Pharmacy, University of the Punjab, Lahore as per request from this College.

September, 1988 - July 14, 1990

Part Time Medical Representative, Squibb (Pvt.) Ltd., Regional Office, Lahore, Pakistan

The assignment was to provide the research-based information to medical profession.

EDITORIAL APPOINTMENT

1. Senior Editor and Publication In-Charge, Pakistan Journal of Pharmacy, Pakistan* since 2008 (**have the honour of reviving the journal after 10 years. So far, published 3 issues of the journal. Managed to make to journal online*).
2. Reviewer, Pakistan Journal of Pharmaceutical Sciences, 2012 to present
3. Member Editorial board “Southern Medicine Review”, New Zealand, Since 2007
4. Reviewer “International Journal of Pharmaceutics”, UK 2005 – 2007, 2009 to present
5. Reviewer “Public Health, UK since 2009
6. Reviewer “Clinical Drug Investigation”, New Zealand 2005

GRANTS/SPONSORSHIPS

1. Ministry of Science and Technology (MOSTI), Malaysia award as Co-investigator for “Preparation and characterization of PLGA nanoparticles for delivery of cardiovascular drugs” 2008.
2. International Medical University, Research Grant as Co-investigator for “Tumor-targeted delivery of cytokine gene and oncogene-specific siRNA using bio-functionalized carbonate apatite nano-crystals” (Grant # IMU R044/2008).
3. International Medical University, Research Grant as Co-investigator for “Public understanding and attitudes towards epilepsy in urban areas of Klang Valley and Sibul” (Grant # B. Pharm. B01/05-Res(20)2008)
4. International Medical University, Research Grant as Co-investigator for “Evaluation of complementary and alternative medicine used among patients with diabetes mellitus” (Grant # B. Pharm. B01/05-Res(20)2008)
5. International Medical University, Research Grant as Co-investigator for “Effect of surfactants on lipophilicity parameters of selected model drugs” (Grant # B. Pharm. B01/05-Res(08)2008)
6. International Medical University, Research Grant as Co-investigator for “Effect of surfactants on lipophilicity parameters of selected model drugs” (Grant # B. Pharm. B01/05-Res(07)2008)
7. International Medical University, Research Grant as Principal Investigator for “Study of the effect of fitting (weighting) factors as computational variables for drug pharmacokinetics assuming different compartment models” (Grant # B. Pharm. B0105-Res (023)2008).

8. International Medical University, Research Grant as Principal Investigator for “Enhancement of tissue distribution of griseofulvin by a unique combination of drug with CTAB and inhibitor of first pass metabolism” (Grant # B. Pharm. B0105-Res 042008), 2008.
9. International Medical University, Research Grant as Principal Investigator for “Study on the combined effect of microwave and cross-linking on the release of paracetamol, a water soluble model drug from gelatin using optimization algorithms” (Grant # B. Pharm. B0105-Res 032008), 2008.
10. International Medical University, Travel Grant for poster presentation at Asian Association of Schools of Pharmacy (AASP) Conference. Manila, Philippines, October 25-28,, 2007.
11. International Medical University, Research Grant as Principal Investigator for “Study of the effects of microwave heating on the polymeric macromolecules” (Grant # B. Pharm. B0104-Res (21/2007). 2007.
12. International Medical University, Research Grant as Principal Investigator for “Improving the water solubility of drugs by using simple approach of employing surfactants” (Grant # B. Pharm. B0104-Res (20/2007). 2007.
13. International Medical University, Research Grant as Principal Investigator for “Development of nanoemulsion as a carrier for plasmid DNA delivery” (Grant # B. Pharm. B0104-Res (14/2007). 2007.
14. International Medical University, Research Grant as Principal Investigator for “Stannous chloride microparticles-formula optimization based on statistical computer-aided approach”. (Grant # B. Pharm. B0104-Res (13/2007). 2007.
15. International Medical University, Research Grant as Principal Investigator for “Preparation and characterization of polymeric particulate as an oral delivery system”. 2006.
16. Visiting Fellowship. School of Pharmacy, University of London, UK, from June 02 to July 01, 2005.
17. World Health Organization – Health Action International (WHO/HAI), Sponsorship grant for Project Meeting on Medicine Prices. Universiti Sains Malaysia, Penang – Malaysia. 2005.
18. International Medical University, Sponsorship for Workshop on Research Methodology and Statistical Techniques at Institute of Graduate Studies, University Sains Malaysia, Penang-Malaysia. 2004.
19. International Medical University, Research Grant as Principal Investigator for “Evaluation of the user-friendliness of Pharmacokinetic software packages”. 2004.
20. World Health Organization-Health Action International (WHO-HAI), Grant for investigation of drug prices in various sectors in Malaysia, (as co-investigator), 2004.
21. Federation of the Universities of Islamic World (FUIW), Scholarship for post graduate research (2003-2004).
22. Research Sponsorship, Highnoon Laboratories, (Pvt.), Ltd., Lahore (Pakistan) for Bioequivalence study of enteric coated aspirin brands. 2001.
23. Galena, Czech Republic - The Kidney Centre, Rawalpindi (Pakistan) joint research sponsorship for Therapeutic Drug monitoring of and bioequivalence study on cyclosporin A, 2001.

24. University of the Punjab, Lahore, (Pakistan) research grant, as co-investigator for “comparison of various computer software packages for pharmacokinetics computation.” 2000.

AWARDS/ACHIEVEMENTS

1. Innovation award on research project for development of smart release fixed dose combination of antihypertensive and antilipidemic drugs at Joint Pakistan Science Foundation, University of the Punjab, Institute of Research Promotion Summit. June 18, 2012
2. Incentive award on publication (PKR 45, 800) in 2011, University of the Punjab, Lahore (Pakistan), 2011
3. Performance Evaluation Award from the Vice Chancellor, University of the Punjab, Lahore (Pakistan), 2009
4. Best poster award in Common wealth pharmaceutical association-Malaysia pharmaceutical association joint conference, Kuala Lumpur 2007.
5. The Sanggar Sanjung (Hall of Fame event) product silver medal award at Malaysia Technology Expo (MTE 2006) on “Nanoparticle coating for enhancing shelf life of herbal product”. (Awarded to Baie, S. (Principal Investigator), Ismail, Z., Bukhari, N.I (Co-researchers).
6. Bibliographic note published in Marquis “Who is Who in Science & Engineering”, USA, 2002.
7. South Asian Publications’ “XIth Star man Award 2000” based on credential par excellence.

INVITED SCIENTIFIC DISCUSSIONS/LECTURES

1. Use of Statistics in Dosage form Development to the post graduate student of QP course in Pharmaceutical Statistics module at School of Pharmacy, University College of London, London UK. July 9, 2012
2. Statistics in Pharmacy to the post graduate student of QP course in Pharmaceutical Statistics module at School of Pharmacy, University College of London, London UK. July 9, 2012.
3. Advance pharmaceutical formulation approaches (DoE and ANN) in Technical Session II of National seminar on “Pharmaceutical industry in 21st century; challenges & threats.” organized by PCSIR, Lahore, May 03, 2012
4. Advance Pharmaceutical formulation approaches at “Pharmacy Day” organized by School of Pharmacy, The University of Faisalabad. 12th April, 2012.
5. World Health Organization – Health Action International (WHO/HAI)’s Project Meeting on Medicine Prices. University Sains Malaysia, Penang – Malaysia, May 23 to 25, 2005.
6. Radiopharmacy in School of Pharmacy, University College Sedaya International, Kuala Lumpur, Malaysia, 2004.
7. Scientific discussion, by Galena Pharmaceuticals, Czech Republic (Declined).
8. Drug Interactions and Monitoring of Adverse Drug Reactions at Punjab Pharmacy Council, Lahore - Pakistan.
9. Automation in Hospital Pharmacy at Punjab Pharmacy Council, Lahore - Pakistan

10. Biopharmaceutics and Pharmacokinetics in Lahore College of Pharmaceutical Sciences, Lahore - Pakistan.
11. Radiopharmacy in University College Sedaya International, Kuala Lumpur, Malaysia
12. Pharmaceutics (Biopharmaceutics, Pharmacokinetics and Pharmaceutical Management and Marketing from University of Faisalabad, Faisalabad.
13. Pharmaceutics (Physical principles) from Lahore Pharmacy College, Lahore

RESEARCH PUBLICATIONS

PhD Thesis

Exploring the potential of optimised starch particulates as platform for oral delivery of gastrolabile drug cefotaxime

M. PHIL THESIS

Effect of different tranquillizers on the bioavailability of the cimetidine

RESEARCH PUBLICATIONS

1. Muhammad T. Khan, Khalid Hussain, Nadeem I. Bukhari, Abida Latif, Furqan K. Hashmi, Muhammad Islam & Muhammad Masood. **“Evaluation of seeds of *Phoenix sylvestris* as novel candidate adsorbent in paracetamol poisoning”**. *Latin American Journal of Pharmacy*. 31 (5): 678-85 (2012). (*Impact Factor: 0.308*)
2. Tahira, A., Saleem, U., Mahmood, S., Hashmi, F.K., Hussain, K., Bukhari, N.I., Ahmad. B. **“Evaluation of protective and curative role of α -lipoic acid and selenium in gentamicin-induced nephrotoxicity in rabbits”**. *Pakistan Journal of Pharmaceutical Sciences*. 25(1):103-110, 2012. (*Impact Factor: 0.725*)
3. Amir, B., Fazal, S., Nisar, S., Bukhari, N. I., Muhammad, S., Kifayat, S. **“Once daily controlled release matrix tablet of prochlorperazine maleate: Influence of Ethocel® and/or Methocel® on *in-vitro* drug release and bioavailability”**. *Drug Development and Industrial Pharmacy*.1-10. Posted online on 13 July 2011. (*Impact Factor: 1.396*)
4. Dua, K., Pabreja, K., Ramana, M.V., Bukhari, N.I. **“Preparation, characterization and *in vitro* evaluation of aceclofenac PVP-solid dispersions”**. *Journal of Dispersion Science & Technology*. 32(8): 1151-1157, 2011. (*Impact Factor: 0.628*)
5. Tan, S. Y., Kan, E., Lim, W. Y., Chay, G., Law, J. H. K., Soo, G. W., Bukhari, N. I., Segarra, I. **“Metronidazole leads to enhanced uptake of imatinib in brain, liver and kidney without affecting its plasma pharmacokinetics in mice”**. *Journal of Pharmacy and Pharmacology*. 63(7): 918–925. (*Impact Factor: 1.980*)
6. Badshah, A., Subhan, F., Rauf, K., Bukhari, N.I., Shah, K., Khan, S., Ahmed, Z., Khan, I. **“Development of controlled-release matrix tablet of risperidone: Influence of Methocel®- and Ethocel®-based novel polymeric blend on *in vitro* drug release and bioavailability”**. *AAPS PharmSciTech*; Online Date: 04/14/2011; DOI: 10.1208/s12249-011-9613-2. (*Impact Factor: 1.211*)
7. Hasan, S.S., Loon, W.C.W., Ahmadi, K., Ahmed, S.I., Bukhari, N.I. **“Reasons, perceived efficacy and factors associated with complementary and alternative medicine use among Malaysian patients with diabetes mellitus”**. *British Journal of Diabetes Vascular Disease*. 11(92): 2011. DOI: 10.1177/1474651410398367.
8. Hussain, A., Bukhari, N.I., Hussain, K., Jamshaid, M., Ali, S., Tayyab, M., Ilyas, N. **“Preliminary assessment of the prescribing errors in outpatient department of public sector teaching hospitals in Lahore”**. *HealthMed Journal*, 5(1): 101-105, 2011. (*Impact Factor: 0.331*)

9. Ahmed, S.I., Hassali, M.A.A., Bukhari, N.I., Sulaiman, S. A. **“A comparison of HIV/AIDS-related knowledge, attitudes and risk perceptions between final year medical and pharmacy students: A cross sectional study”**.HealthMed Journal. 5(2): 317-326, 2011. *(Impact Factor: 0.331)*
10. Sheikh KA, Saringat B, Bukhari NI. **“Investigation of factors affecting physicochemical properties of palm-olein creams using optimisation technique quality by design”**. Journal of Applied Pharmacy 03(03): 301-319 (2011)
11. Shing, M.K., Shantini, R., Magdalene, T., Prasad, N., Bukhari, N. I., Ignacio, S. **Disposition and tissue distribution of imatinib in a liposome formulation after intravenous bolus dose to mice”**. Acta Pharmaceutica Sinica .45(7): 901-908, 2010. *(Impact Factor: 0.670)*
12. Hussain, K., Bukhari, N.I., Danish, M.Z., Saeed-ul-Hassan, S., Tanveer, M. **“Adsorption of paracetamol on activated charcoal in the presence of dextropropoxyphene hydrochloride, N-acetylcysteine and sorbitol”**.Latin American Journal of Pharmacy. 29(6): 883-888, 2010. *(Impact Factor: 0.308)*
13. Soo, G.W., Law, J.H.K, Shin, E.K., Tan, S.Y., Lim, W.Y., Chay, G., Bukhari, N.I., Segarra, I. **“Differential effects of ketoconazole and primaquine on the pharmacokinetics and tissue distribution of imatinib in mice”**. Anti-Cancer Drugs. 21(7):695-703, 2010. *(Impact Factor: 2.376)*
14. Zeeshan, F., Bukhari, N.I. **“Development and Evaluation of a Novel Modified-Release Pellet-Based Tablet System for the Delivery of Loratadine and Pseudoephedrine Hydrochloride as Model Drugs”**. AAPS Pharm. Sci. Tech. 11(2):910-916, 2010. *(Impact Factor: 1.211)*
15. Teoh, M., Radhakrishnan, S., Moo, K.S., Narayanan, P., Bukhari N. I., Segarra, I. **“Pharmacokinetics, tissue distribution and bioavailability of Imatinib in mice after administration of a single oral and an intravenous bolus dose”**. Latin American Journal of Pharmacy 29 (3): 428-435, 2010 *(Impact Factor: 0.308)*
16. Teoh, M., Narayanan, P., Moo, K.S., Radhakrishnan, S., Pillappan, R., Bukhari, N.I. and Segarra I. **“HPLC determination of imatinib in plasma and tissues after multiple oral dose administration to mice”**. Pakistan Journal of Pharmaceutical. Sciences. 23(1): 35-41, 2010 *(Impact Factor: 0.725)*
17. Hasan, S.S., Ahmed, S.I, Bukhari, N.I. Loon, W.C.W. **“Use of complementary and alternative medicine among patients with chronic diseases at outpatient clinics”**. Complementary Therapies in Clinical Practice. 15(3): 152-157, 2009.
18. Chakravarthi, S., Thani, P.M. Nagaraja, H.S., Yang, W.D.L. and Bukhari, N.I. **“Assessment of proliferative index and its association with Ki-67 antigen molecule expression in nodular hyperplasia of prostate”**. Indian Journal of Science and Technology. 2(8):1-4, 2009.
19. Chakravarthi, S., Husin, L.T., Thani, P.M. and Bukhari, N.I. **“A study of the significance of apoptosis and its association with abnormalities in expression of BCL-2 proto-oncogene in benign nodular hyperplasia of prostate”**. Research Journal of Biological Sciences. 4(7): 836-841, 2009.
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16. Baber, Z.U., Ibrahim, M.I.M., Bukhari, N.I., Krishnan, S. Effect of Privatization of Malaysian Drug Distribution System on the Prices of Drugs Affecting Central Nervous System Journal of Mental Health Policy and Economics. 8(Supl. 1), March 18-20, 2005 (**Impact Factor: 1.806**).
17. Syed, S., Khan, H.A., Muzaffar, N., Bukhari, N., Rana, F., Shah, M.A. "P32 therapy in pain palliation due to multiple skeletal metastases" Nuclear Medicine Communications (*United Kingdom*). 18: 288, 1997. (**Impact Factor: 1.315**)

PARTICIPATION IN CONFERENCES/WORKSHOPS/SEMINARS

1. 26th Scientific meeting of Malaysian Society of Pharmacology & Physiology-Translational research for sustainable wellness: from perception to reality. Penang, Malaysia 18-20 May, 2012. [**Chairperson, Scientific Session 2**].
2. National Seminar on "The Use of Animals in Science, Ethical & Practical Considerations. Held on 3-4 January, 2011 at University College of Pharmacy, University of the Punjab, Lahore. [**Organizer and Resource Person**]
3. Good clinical practices at the Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Lahore. February 26, 2011.
4. Environmental toxicology and health at department of pharmacology and toxicology, University of Veterinary and animal Sciences, Lahore. March 8 to 9, 2011.
5. Conference on "Programs in Nanotechnology – The applications to drug delivery and tissue engineering". Bangkok, Thailand, 18 19 May, 2006.
6. World Health Organization – Health Action International (WHO/HAI)'s Project Meeting on Medicine Prices. University Sains Malaysia, Penang – Malaysia, May 23 to 25, 2005.
7. Workshop on Research Methodology and Statistical Techniques, Organized by Institute of Graduate Studies, University Sains Malaysia, Penang-Malaysia. December 6 to 11, 2004.
8. Problem-based learning (PBL) workshop, organized by University, Sains Malaysia, Penang-Malaysia. May 28-30, 2003.
9. Respiratory Pharmacy Conference, Organized by Health Department Selngor, Malaysian Pharmaceutical Society, & Pharmacy department Selayang Hospital, Malaysia, Selangor, Malaysia. May 9-11, 2003.
10. National Seminar on good manufacturing, Storage & Laboratory Practices Organized by Ministry of Health in collaboration with the WHO, Lahore-Pakistan, December 23-24, 2002.
11. Information Technology Workshop on SPSS, organized by Human Resource Development Centre, University of the Punjab, Lahore, Pakistan. August 13 to September 3, 2002.

12. International Workshop on Health Challenges of 21st Century and Traditional Medicines in SAARC Region. Islamabad, Pakistan, November 4-6, 2002.
13. National workshop on Current Good Manufacturing Practices. Organized by Ministry of Health, PPMA and DIA. Islamabad, Pakistan. May 21-24, 1998.

THESIS COMPLETED UNDER SUPERVISION

S. No	Level	Year	Topic	Role	Student name
1	M.Phil	2011	Development and characterization of differential release single tablet formulation of amlodipine besylate and simvastatin using statistical algorithms	Supervisor	Shahid Mukhtar
2	M.Phil	2011	Impact of therapy of different interferons on economic and clinical outcomes in patients with chronic hepatitis C	Supervisor	Munazza Tanveer
3	M.Phil	2011	Design and evaluation of fixed dose tablet formulation for continuous release of amlodipine besylate and delayed release of simvastatin using artificial neural network approach	Supervisor	Ghulam Rasool Noor
4	M.Phil	2011	Study of the effects of co-administration of paracetamol with antiemetic drugs on tri-iodo thyronine, thyroxine and follicle stimulating hormone using radioimmunoassay	Supervisor	Ghayur Abbas
5	M.Phil	2011	Phytochemical and hepatoprotective studies of <i>Oxalis corniculata</i>	Co-supervisor	Irfan Sohail
6	M.Phil	2011	Phytochemical studies and adsorbent activity of <i>Phoenix sylvestris</i> seeds for Paracetamol	Co-supervisor	Muhammad Tanveer Khan

CURRENT RESEARCH STUDENTS UNDER SUPERVISION/CO-SUPERVISION

Number	Level	Registered with	Role
3	PhD	University College of Pharmacy, University of the Punjab, Lahore	Supervisor
8	M.Phil	University College of Pharmacy, University of the Punjab, Lahore (Pakistan)	Supervisor
1	PhD	De Montfort University, Leicester UK	Local Supervisor/Advisor
1	PhD	University of Otago, New Zealand	Co-supervisor
3	PhD	University College of Pharmacy, University of the Punjab, Lahore Pakistan	Co-Supervisor

CURRENT RESEARCH STUDENTS UNDER SUPERVISION/CO-SUPERVISION (Continued...)

Number	Level	Registered with	Role
3	M. Phil	University College of Pharmacy, University of the Punjab, Lahore, Pakistan	Co-Supervisor