



Dr. Fouzia Hassan

Professor

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PERSONAL DATA

Date of Birth	22 November 1954 KARACHI
Domicile	Karachi, Sindh
N.I.C. No.	42201-6622541-4
Marital Status	Married
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EDUCATION

Ph.D (Pharmaceutics)	University of KARACHI	1997
P.G.D. in Statistics	University of KARACHI	1991
M.Phil.	University of KARACHI	1990
M.Pharm.	University of KARACHI	1979
B.Pharm.	University of KARACHI	1975
Intermediate	Khatoon-e-Pakistan College	1972
Matriculation	Khatoon-e-Pakistan College	1970

FIELD OF RESEARCH

1. Pharmacokinetics
2. Physical Pharmacy
3. Drug Stability

TEACHING EXPERIENCE

1. Professor of Pharmaceutics from January 2001 till date (11 years in the Faculty of Pharmacy, University of Karachi).
2. Assistant Professor of Pharmacy from January 1994 to January 2001(8 years in the Faculty of Pharmacy, University of Karachi).
3. Lecturer in Pharmaceutics from January 1990 to June 1994 (4 years in the Faculty of Pharmacy, University of Karachi).

4. Lecturer in Pharmaceutics in the Department of Pharmacy, University of Baluchistan, Quetta from 1980 to 1986 (6 years).

PROFESSIONAL EXPERIENCE

1. Production Incharge in Lisko Pharma, Karachi (March 1979-May 1980)
2. Quality Control Analyst in Hilton Pharma, Karachi (1986-1987).

ADMINISTRATIVE EXPERIENCE

1. Chairperson, Department of Pharmaceutics, Faculty of Pharmacy from December 26, 2002 to January 2006.
2. Chairperson, Department of Pharmaceutics, Faculty of Pharmacy from 2009 to Jan 2012.

MEMBERSHIP

1. Registered Pharmacist A- category with Pakistan Pharmacy Council.
2. Member Board of Faculty of Pharmacy, University of Karachi.
3. Former Member Board of Studies in Pharmacy, University of Baluchistan, Quetta.
4. Member Board of Studies in Pharmacy, University of Sindh. Member Board of Studies in Faculty of Pharmacy, University of Karachi. Member Board of Studies in Ziauddin Medical University, Karachi.
5. Member Academic Council, University of Karachi.
6. Member Pakistan Pharmacist Association.
7. Member Editorial Board of Pak. Journal of Pharmaceutical Science, Faculty of Pharmacy, University of Karachi.
8. Life Member, Pharmaceutical Society of Pakistan.
9. Life Member, Pharmacological Society of Pakistan.
10. Member, Provincial Quality Control Board, Sindh, Karachi.
11. Member of the Provincial Academic Committee of Board of Intermediate Education.

EXAMINER

1. Examiner in the Department of Pharmacy, University of Baluchistan, Quetta.
2. Examiner in the Department of Pharmacy, Islamia University of Bahawalpur.
3. Examiner in the Department of Pharmacy, Hamdard University, Karachi.
4. Examiner in the Department of Pharmacy, Ziauddin Medical University, Karachi.
5. Examiner in the Department of Pharmacy, Dow University of Medical Sciences, Karachi.

LIST OF CONFERENCES / SEMINARS / WORKSHOPS PARTICIPATED

1. 25th Urdu Science Conference, 16th – 18th February, 1991, Pakistan.
2. First International Conference on Pharmaceutical Sciences, 18th – 21st January, 1992, Karachi.
3. 26th Urdu Science Conference, 9th -3rd April, 1992, Bahawalpur.
4. First National Conference on Pharmacology and Therapeutics, 1995.
5. Conference on Pharmacology and Therapeutics held on Dec., 14-15, 1996.
6. First One day Seminar on Herbs, medicines and Therapeutics, Pakistan, 29th March, 1997.
7. Second One Day Seminar on Naturo-Phytomedicines, 1st Future Perspective in Pakistan, 27th November.
8. Seminar on Hospital Pharmacy organized by Patel Hospital on 2nd December, 2009 at Patel Hospital Karachi.
8. Symposium on Hospital Pharmacy Practice organized by Ziauddin College of Pharmacy, Ziauddin University In collaboration with the Society of Hospital Pharmacists of Pakistan (SHPP) held on 17th November, 2009 at Ziauddin University, Karachi

9. Workshop on Leadership Derailment Demystified® jointly organized by Seminar Committee, Faculty of Pharmacy, University of Karachi and Mursadnia, Inc on 03rd April, 2010 at RIPS, University of Karachi.
10. One day Seminar on Pharmacy Profession – A tool to Enhance Patient Care organized by Faculty of Pharmacy, University of Karachi in collaboration with Cando Consultancy and Training Services on 13th January, 2011 at Regent Plaza, Karachi.
11. One day Seminar on "The Concept of Modern Pharmacy" organized by Baqai Institute of Pharmaceutical Sciences . November 30, 2011.
12. Certificate of Participation in the Symposium " Pharmacist: A need of Health care system", organized by Ziauddin College of Pharmacy. April 28, 2012.
13. Certificate of Participation in 1st National Conference on "Pharmacy Profession- A success tool for health care system", organized by Dow College of Pharmacy. 2nd- 3rd May, 2012.

TRAINING COURSE ATTENDED

Organized by the U. G. C. in Karachi from 21 – 27 August, 1998.

COMMERCIAL PROJECT

Worked as Investigator on Analysis of Different Hyoscine Derivative by Geofman Pharmaceuticals.

Ph.D STUDENTS (Degree Awarded)

Syed Muhammad Farid Hasan

TOPIC : Evaluation of bioequivalence and pharmacokinetics of two commercial formulations of meloxicam after single oral administration in local population (2009).

STUDENTS ENROLLED IN Ph.D.

1. Abida Sultana
Topic : Formulation of Antioxidant Tablets and their extended stability studies.
2. Sabahat Jabeen
Topic: Strategies to improve the formulation of Cefpodoxime Proxetil 100mg tablets and its stability evaluation.
3. Hassan Abbas
Topic: Cost effectiveness of Atrovastatin in comparison with Scarvastatin and cost of drug treatment in local population.
4. Anila Refiq
Topic: An investigation of micellaric influence on formulation development of an antihypertensive drug.
5. Fozia Israr
Topic: Comparative Evaluation and In-Vitro release kinetics studies on some Extended release second generation Cephalosporin formulation using different polymers.
6. Quratulain Fatima
Topic: Formulation design, development and evaluation of extended release transdermal patches of Non-steroidal anti-inflammatory drugs based on hydrophilic and hydrophobic matrix controlled system.

M.Phil Students (Degree Awarded)

1. Rehana Sami
Topic : Pharmacokinetics and bioavailability of Ethambutol in local population (2009)
2. Uroosa Alvi.
Topic : Cost effectiveness of Moxifloxacin in comparison with Levofloxacin and cost of drug treatment in local population.(2011)

STUDENTS ENROLLED IN M.Phil/Ph.D

1. Hafiz M. Arif
Topic: Pharmacokinetics and stability studies of Naproxen enteric coated tablets.
2. Tehsin Bano Shaikh
Topic: Study of effects of micelles on formulation development of Irbesartan tablets.

M. Pharm STUDENTS (Degree Awarded)

1. Abida Sultana
Topic: Studies on the formulation development of theophylline tablets by dry granulation method (2004).
2. Mujahid Hussain
Topic: Antimicrobial activity of cotrimoxazole against different clinical isolates (2004).
3. Sadaf Kulsoom
Topic : Studies on Antibacterial activity of sufacetamide ophthalmic solutions and suspensions (2004).
4. Nazia Tariq
Topic: Development of different formulations of mefenamic acid suspension (2004).
5. Sara Jawaid
Topic: Evaluation of Neomycin and its estimation against different clinical isolates (2005).
6. Saima Erum
Topic: Formulation of aspirin tablets by direct compression method (2005).
7. Hassan Abbas
Topic: Evaluation and development of diclofenac Potassium 50 mg tablet (2005).
8. Syed Faisal Aman
Topic: Effects of food on Drugs [Food-drug interactions (2005).
9. Hafiz M. Arif
Topic: Evaluation and development of enteric coated naproxen tablets (2006).
10. Dawood Ali Khan
Topic: Antibacterial activity of some medicinal plants (2006).
11. Mubashir Islam
Topic: Studies on antibacterial activity of medicinal plants(2006).
12. Jehanzeb Aslam
Topic: Studies on microbial and chemical evaluation of bottled mineral water(2006).
13. Aaqib Sohail
Topic: Effect of formulation factor on development of cefdinir dry suspension (2007).
14. Qurat-ul-ain
Topic: Stability studies on different locally available brands of aspirin tablets (2007).
15. Abdul Baseer
Topic: Studies on the formulation development of famotidine by dry granulation method (2007).
16. Navaid Wali Khan
Topic: Studies on resistant pattern of clinical isolates against macrolides (2007).
17. Mohd Rafiq
Topic: Formulation development of metronidazole benzoate suspension (2007).
18. Anila Mehmood
Topic: Formulation development and evaluation of ascorbic acid tablet by direct compression method (2008).
19. Sadia Mehrban
Topic: Formulation Development of Sodamint tablets by direct compression method (2008).
20. Fozia Israr
Topic: Antibacterial activity of different plant extracts (2010).
21. Zubair Ahmed

- Topic:** Pyrogen and sterility testing of Diclofenac sodium ampoules (2010).
22. Imran Khan
Topic: Development and evaluation of Naproxen oral suspension (2010).
23. Muneeza Khan
Topic: Comparison of in-vitro antibacterial activity of levofloxacin and norfloxacin (2011).
24. Nargis Sultana
Topic: Effect of different pH on dissolution behavior of Erythromycin stearate tablets 250 mg (2011).

STUDENTS ENROLLED IN M.Pharm

1. M. Ahtisham
Topic: Analysis of Drug Interaction with antibiotics in local Hospital Setup.

LIST OF PUBLICATIONS

1. Stability studies of diabetic syrup of ferrous sulphate. *J. Pharm, Univ. Kar.*,5(2):55-91(1987).
2. Secretion of B-glucosidase by *Penicillium expansum* in submerged culture millet husk as a carbon source. *Journal of Research (Science)*, 2(1):19-24(1985).
3. Effect of cultural conditions on amylase production by *Penicillium expansum*. *Pakistan J. Sci. Ind. Res.*, 31(5):357-360(1988).
4. Micellar effects of non-ionic surfactants on the rate of hydrolysis of p-nitrophenyl acetate. *Anales Real Acad. Fam., Spain*, 58(2):241-248(1992).
5. Kinetics of degradation of p-nitrophenyl acetate in anionic micelle. *Bulletin de la Society, France*, 133(3-4):(1994).
6. A comparative study of a series of cationic surfactants towards the basic degree of hydrolysis of p-nitrophenyl acetate. *Journal of Pharmaceutical Sciences*, 9(1):(1996).
7. Measurement of viscosity of cationic micelle in aqueous solution of electrolytes. *Kar. Univ. J. Sc.*, 25(2):149-153(1997).
8. CNS potential of *Cistanche rabulosa*. 2nd Proceeding of Pharmacology and Therapeutics (1997). Influence of carbon chain length on critical micelle concentration of cationic micelle. *Pakistan Journal of Pharmacology*, 15(1):1998.
9. Effect of disintegrants and hardness on the disintegration time of Acetaminophen tablets. *Pakistan Journal of Pharmaceutical Sciences*, 11(1):(1998).
10. Viscosity studies on Menstrol. *Pakistan Journal of Pharmaceutical Sciences*, 11(2):(1998).
11. Antibacterial and kinetic properties of some cationic surfactants. *Pakistan Journal of Pharmacology*, 17(1):(1999).
12. Substrate partitioning in micellar environment. *Bollitino-Chimico Farmaceutico Societa Editorial Farmaceutica, Italy Vol.*, 138(9):(1999).
13. Effect of particle size on drug release from ointment bases. *Pakistan Journal of Pharmacology*, 16(2):(1999).
14. Dissolution rate studies on Acetaminophen tablets. *Pakistan Journal of Pharmaceutical Sciences*, 13(2):(1999).
15. Drug release from different ointment bases. *Pakistan Journal of Pharmacology*, 18(2):(2001).
16. Evaluation of Acetaminophen tablets by control test. *Pakistan Journal of Pharmaceutical Sciences*, 14(2):(2001).
17. Susceptibility of *Proteus* and *Klebsiella* to antimicrobial agents. *Pakistan Journal of Pharmacology*, 19(1): Jan(2002).
18. Studies on sustain release tablets of flurbiprofen. *Pakistan Journal of Pharmacology*, 19(1): Jan(2002).
19. Comparative evaluation of different iron preparations used in pregnancy. *Pakistan Journal of Pharmacology*, 20(2):July(2003).
20. Effect of food on the bioavailability of diclofenac sodium in local population. *Karachi University Journal of Science*, 31(2): (2003).

22. Pharmacokinetics of diclofenac sodium in normal man. Pak J Pharm Sci., 18(1):(2005).
23. Studies on the formulation development of Theophylline tablets by dry granulation method. Proceedings of third Biennial Conference on Pharmacology and Therapeutics 2005.
24. Antibacterial studies of Sulfacetamide ophthalmic solutions and suspensions. Pakistan Journal of Pharmacology, 22(2):(2005).
25. Studies on the effect of cyclodextrin polymer as tableting aid on some selected analgesics. Pakistan Journal of Pharmacology, 23(1):(2006).
26. Screening of antibacterial activity of different brands of co-trimoxazole paediatric suspension available in the local market. Pakistan Journal of Pharmacology, 23(2):(2006).
27. Studies on the quantification and comparison of dissolution profiles of two brands of meloxicam tablets. Pak J Pharmacol., 24(1):(2007).
28. Determination of the pharmacokinetic parameters of meloxicam in healthy Pakistani volunteers using non-compartmental analysis. Pak J Pharmacol., 25(1):(2008).
29. Bioequivalence studies of two brands of meloxicam tablets in healthy Pakistani volunteers. Pak J Pharm Sci., 22(2):(2009).
30. Swine Flu: Are we the next victims? Pak J Pharmacol., 26(2):55-61, 2009
31. Studies of food drug interactions. Pak J Pharm Sci., 23(3):2010.
30. Anti- microbial activity of Erythromycin & Clarithromycin against isolates of *Escherichia coli*, *Staphylococcus aureus*, *Klebsiella* and *Proteus* by disc diffusion method. Pak J Pharm Sci., .24(1):25-29, 2011.
32. Formulation of Aspirin Tablets using fewer excipients by Direct Compression. Pak J Pharmacol., 28(2):31-37, 2011.
33. "Studies on antibacterial activity of some traditional medicinal plants used in folk medicine". Pak. J. Pharm. Sci., Vol.25, No.3, July 2012, pp.669-674.
34. "Evaluation of Antibacterial activity of Camphor, Benzoin, Cubebs, Fenugreek, Apricot and Cinnamon leaf against standard cultures of clinical isolates of an array of organisms". Pakistan Journal of Pharmacology. (Accepted)
35. "Physico-Chemical comparison of Famotidine tablets prepared via Dry Granulation and Direct compression techniques". Pak. J. Pharm. Sci. (Accepted)
36. "Formulation Development of sodium bicarbonate tablets by direct compression". Pak. J. Biological. Sci. (Submitted)

LIST OF RESEARCH PAPERS PRESENTED IN CONFERENCES / SEMINARS AND WORKSHOPS

1. Effect of cationic surfactants on the alkaline hydrolysis of paranitrophenyl acetate. 25th Urdu Science Conference, 16-18th February, Karachi.
2. Kinetic studies of the hydrolysis of p-nitrophenyl acetate as model drug in micellar systems. First International Conference on Pharmaceutical Sciences, 18th-21st January, 1992, Karachi.
3. Effect of different buffers on the base catalysed hydrolysis of paranitrophenyl acetate. 26th Urdu Science Conference, 9th-13th April, 1992, Bhawalpur.
4. Effect of viscosity on the p-nitrophenyl propionate systems. First National Conference on Pharmacology and Therapeutics, 1995.
5. Medicinal uses of Mentha herbs. First One day Seminar on Herbs, Medicines and Therapeutics, Pakistan, 29th March, 1997.
6. Medicinal herbs Basil (Tulsi or Nyazbo). Second One Day Seminar on Naturo-Phtomedicines. 1st Future Perspective in Pakistan, 27th November.