

Prof. Dr. Huma Ali
PRINCIPAL
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QUALIFICATION

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| 2009 - 2014 | Ph.D, Department of Pharmaceutics, Faculty of Pharmacy, University of Karachi, Pakistan.

Thesis Title : “<i>Formulation development and biowaiver Studies of diclofenac potassium tablets (CGPR 3.86)</i>” |
| 2003 – 2007 | M.Phil, Department of Pharmaceutics, Faculty of Pharmacy, University of Karachi, Pakistan. (CGPR 3.75)

Thesis Title: “<i>Formulation development of chlorpheniramine maleate by direct compression method</i>” |
| 2014 | Pharm.D (up-gradation), Faculty of Pharmacy, Federal Urdu University, Arts, Science and Technology Karachi, Pakistan. (CGPR 3.8) |
| 1999 – 2002 | B.Pharm, Faculty of Pharmacy, University of Karachi, Pakistan. (CGPR 3.29) <ul style="list-style-type: none">• Pharmaceutics, Pharmacology, Pharmacognosy And Pharmaceutical Chemistry |
| 1996 – 1998 | Higher Secondary Certificate, Gov. Degree College Malir Cantt, (grade A) <ul style="list-style-type: none">• Biology, Physics and Chemistry |
| 1994 – 1995 | Secondary School Certificate, Karachi, Sindh (grade A+) <ul style="list-style-type: none">• Biology, Physics, Mathematics and Chemistry |

	DESIGNATION	INSTITUTE	PERIOD
EXPERIENCE	Principal	Institute of Pharmaceutical Sciences (IPS), JSMU	24-10-2019 till date
	Incharge	Institute of Pharmaceutical Sciences (IPS), JSMU	01-01-2019 till 23-10-2019
	Professor & Head of the department (HOD)	Department of Pharmaceutics, Institute of Pharmaceutical Sciences, JSMU	02-07-2018 till date
	Associate Professor Head of the department (HOD)	Department of Pharmaceutics, Institute of Pharmaceutical Sciences, JSMU	20-07-2016 till 01-07-2018
	Associate Professor	Faculty of Pharmacy (FOP), Ziauddin University	2-02-2014 to 19-07-2016
	Assistant Professor	Faculty of Pharmacy (FOP), Ziauddin University	3-3-2007 to -01-02-2014
	Senior Lecturer	Faculty of Pharmacy (FOP), Ziauddin University	15-02-2007 to 2-02-2007
	Lecturer	Jinnah University for woman,	19-07-2004 to 14-02--2007
	Research Associate	Department of Pharmaceutics, Faculty of Pharmacy, University of Karachi, Pakistan	March 2003-March 2005
	Analyst	Wyeth Pakistan (Pvt.) Ltd.	2003
	HONOR AND AWARDS	<p align="center"><u>LIST HONORS OR AWARDS FOR SCHOLARSHIP OR PROFESSIONAL ACTIVITY</u></p> <ul style="list-style-type: none"> ➤ HEC Approved Supervisor ➤ Shield and certificate of appreciation for active contribution as Chairperson, Hall and Stage committee during CONVOCATION, 2019 Jinnah Sindh medical University, 2016. ➤ Nominated and recipient of the award of 	

HONOR AND AWARDS

“RESEARCHER OF THE YEAR” in pharmacy profession from Pakistan in NAWP 2019 Awards. National Alliance for Women in Pharmacy (NAWP), first annual awards ceremony held as part of the “NAWP symposium” at the **“20th International Pharmacy Conference and Exhibition (IPCE 2019)”** to be held on **27th October 2019**, at 2:00-7:00 pm, at **Pearl Continental Hotel in Lahore.**

- Shields presented as **Session Co-Chair** in the Conference held as part of the “NAWP symposium” at the **“20th International Pharmacy Conference and Exhibition (IPCE 2019)”** to be held on **27th October 2019**, at 2:00-7:00 pm, at **Pearl Continental Hotel in Lahore.**
- Shields presented as **Session Moderator for drug management, and Chairperson organizing committee for internal/local delegates, member scientific committee** for oral and poster presentation in the 3rd international Biennial conference on **Ramazan and Health** in September 23-25, 2019 organized by Jinnah Sindh Medical University, JSMU
- Moderator for plenary session on **drug discovery** in 4th international conference on **challenges in drug discovery & therapeutics 6th-7th December 2019**, with Theme: improving Quality of life organized by Ziauddin University.
- Nomination as **Expert for conducting Interviews** for the discipline of Pharmaceutical Sciences
- Nominated as **Expert and internal Auditor for Institutional Performance Evaluation (Self IPE)** of Jinnah Sindh medical University Karachi from 31-May to 1st June 2019.
- An **honorarium and appreciation on highest research publications in impact factor journals** in the years of 2016-2017 from JSMU.
- Letter of appreciation for active Participation in 1st National conference on current research and practices in Pharmaceutical Sciences. 3-5 November, 2017, Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan as Oral and poster presenter.
- Letter of appreciation for active contribution during Pharmacy Council of Pakistan visit to Institute of Pharmaceutical Sciences, Jinnah Sindh medical University, 2016.
- Shields presented as **Session Chair and Judge** for oral presentation and **Chairperson Registration and Core Committee** in the Conference entitled “Emerging

<p>HONOR AND AWARDS</p>	<p>Fields of Pharmacy” September 19-21, 2014 organized by Faculty of Pharmacy, Ziauddin University.</p> <ul style="list-style-type: none"> ➤ Shields, certificate of appreciation and letter of thanks for organizing three days Conference on “Emerging Fields of Pharmacy” September 19-21, 2014 organized by Faculty of Pharmacy, Ziauddin University. ➤ Letter of appreciation for organizing two days workshop on Rational use of medicine in collaboration with world Health Organization and PPA at Ziauddin College of Pharmacy, Ziauddin University, June 20th-21st 2013 ➤ Shield, certificate and letter of appreciation for organizing Symposium on Pharmacist: A Need of Health Care System at Ziauddin College of Pharmacy, Ziauddin University, April 28 2012 ➤ Letter of appreciation for active contribution during Charter Inspection and evaluation committee (CIEC) visit to Ziauddin College of Pharmacy, Ziauddin University, October 6 2011 ➤ Letter of thanks for participation in the assessment of the Self Assessment Reports of the academic program for the requirement of Quality Assurance Agency of HEC from director Quality Enhancement cell, Ziauddin University, June 26 2011 ➤ Letter of appreciation for organizing one day Symposium on Clinical Pharmacy Practice-An Era of Transition from Theory to Practice at Ziauddin College of Pharmacy, Ziauddin University, April 29th 2011 ➤ Letter of appreciation for active contribution during Pharmacy Council of Pakistan visit to Ziauddin College of Pharmacy, Ziauddin University, July 14 2010 ➤ Letter of appreciation for active contribution as student advisor during the Ziauddin University Convocation-2010 , March 27 2011
<p>MEMBERSHIPS</p>	<p>PCP, PPA</p>
<p>POST GRADUATE STUDENTS</p>	<ul style="list-style-type: none"> ➤ Ph.D student (Amber Nawab): optimization and pharmacokinetic studies of fast dissolving cinitapride tablets (Pharmaceutics). (Enrolled). ➤ M.Phil Student (Anum Tariq): Impact of predictors and risk factors on clinical and economic outcomes of surgical site infections (Pharmacy Practice). ZU (Degree Awarded). ➤ M.Phil Student (Saba Zubair): Predictors and factors influencing clinical and economic outcome of ventilator-associated pneumonia (Pharmacy Practice). ZU (Degree Awarded)

<p>POST GRADUATE STUDENTS</p>	<ul style="list-style-type: none"> ➤ M.Phil Student (Hina Hasnain): Efficacy of the clinical pharmacist in minimizing the drug - drug interactions (DDIs) in critically ill patients (<i>Pharmacy Practice</i>). ZU (Degree Awarded) ➤ M.Phil Student (Kashif Maroof): Development and evaluation of fast dispersible Flurbiprofen 100mg tablets (<i>Pharmaceutics</i>). ZU (Degree Awarded) ➤ M.Phil Student (Sohail Khan): Development of Newly Optimized Water Dispersible Meloxicam Tablets and its Comparison with the Marketed Brand (<i>Pharmaceutics</i>). ZU(Degree Awarded) ➤ M.Phil Student (M. Saquib Qureshi): Effect of Superdisintegrants on the Release Profile of Newly Developed Febuxostat Tablets. (<i>Pharmaceutics</i>). ZU(Degree Awarded) ➤ M.Phil Student (Saba Ajaz Baloch): Pharmacoeconomic and Clinical evaluation of exacerbations of chronic obstructive pulmonary disease (COPD) (<i>Pharmacy Practice</i>). ZU(Degree Awarded) ➤ M.Phil Student (M. Anas Hanif): Formulation Development and Biowaiver Studies of Fast Dispersible Dexibuprofen Tablets. (<i>Pharmaceutics</i>). ZU(Degree Awarded) ➤ M.Phil Student (Hajira Iqbal) Development and optimization of mouth dissolving tablet formulation of tizanidine HCl using superdisintegrant. (<i>Pharmaceutics</i>). FUUAST (Degree Awarded) ➤ M.Phil Student (Sana Siddiqui): Formulation development and optimization studies of directly compressible mebeverine hydrochloride tablets. (<i>Pharmaceutics</i>). FUUAST (Degree Awarded) ➤ M.Phil Student (Rabia Areesh): development and optimization of fast dissolving diclofenac potassium tablets. (<i>Pharmaceutics</i>). FUUAST (enrolled).
<p>UNDERGRADUATE STUDENTS PROJECTS</p>	<p>Projects of Pharm.D 5th Professional students,</p> <ul style="list-style-type: none"> ➤ Rationale use of narrow therapeutic index drug ➤ Prevalence of nosocomial infection ➤ Prevalence of hepatitis

- Dengue fever in Pakistan
- Herbal Quality Control Aspects

SERVICE ACTIVITY

- **Teaching, Research and administrative activities,**
- **Examination coordinator, IPS, JSMU,**
- **Coordinator Post graduate Committee, JSMU** (participated in Designing of M. Phil and Ph.D courses at ZU and recently in JSMU)
- **Selected as EXPERT** for selection board at IPS, JSMU

- **Taught Various Pharm. D and Postgraduate courses during the service period at JSMU, ZU, and JUW**
 - Course Incharge Industrial Pharmacy (Pharm.D), JSMU
 - Course incharge Quality Management Theory
 - Course Incharge Dispensing And Community Pharmacy
 - Course incharge Research Ethics (Ph.D), ZU
 - Course incharge Research Methodology (M.Phil), ZU
 - Course incharge Clinical Biochemistry (M.Phil), ZU
 - Course Product Development (M.Phil), ZU
 - Course incharge Research Ethics (Ph.D), JUW (visiting) Course incharge Research Methodology (Ph.D), JUW (visiting)
 - Course incharge Advance Physical Pharmacy (Ph.D), JUW (visiting)
 - Course incharge Pharmacovigilance (Ph.D), JUW (visiting)
 - Course incharge Quality Management Theory and Lab (Pharm.D), ZU
 - Course Incharge Pharmaceutical Technology, JUW
 - Course Incharge Pharmaceutical Instrumentation, JU
 - Course Incharge Clinical Pharmacy, JUW
- ❖ Also selected as examiner for thesis evaluation and viva in various universities such as, UoK, DUHS, ZU, JUW, BMU and SU etc

- ✚ Chair **Board of Faculty**, Institute of Pharmaceutical Sciences, JSMU
- ✚ Chair **Board of Studies**, Department of Pharmaceutics, Institute of Pharmaceutical Sciences, JSMU
- ✚ Member of **Board of Studies**, Faculty of Pharmacy, Baqai University
- ✚ Member of **Board of faculty**, Faculty of Pharmacy, Nazeer Hussain University
- ✚ Member of **Board of Studies**, Faculty of Pharmacy, Ziauddin University
- ✚ Member **Management Representative Committee**, JSMU
- ✚ Member **Grievance Committee at Faculty level**, JSMU
- ✚ Member **Disciplinary Committee**, JSMU
- ✚ Member/Secretary **Enquiry Committee**, JSMU

- ✚ Member of *Plagiarism Standing Committee*, JSMU
- ✚ Member of *Supervisory Committee*, JSMU
- ✚ Worked as Member of *Post Graduate Committee* in Faculty of Pharmacy, Ziauddin University
- ✚ Ex Member of *Board of Studies* in Faculty of Pharmacy, Ziauddin University
- ✚ Worked as *Student Advisor and Academic Coordinator* in Faculty of Pharmacy, Ziauddin University
- ✚ Worked as Member of *Inquiry Committee* in Faculty of Pharmacy, Ziauddin University
- ✚ Worked as Member of *Procurement & Material Management* team of Faculty of Pharmacy, Ziauddin University
- ✚ Worked as *Coordinator* from FOP *during inspection of PCP, HEC, CIEC on different Occasion*
- ✚ Also worked as Member of *Examination Department* of FOP
- ✚ Worked as Member of *Course Equivalence Committee*, Faculty of Pharmacy, Ziauddin University
- ✚ Worked as *Sport Incharge* in Faculty of Pharmacy, Ziauddin University
- **Clinical Clerkship Coordinator**, ZU (2006-2008)
- ✚ Worked as *Student Advisor* in Faculty of Pharmacy, Jinnah University For Women Karachi (2005-2006)
- Conducted and Delivered lectures for **Basic Training Course on Clerkship in the Clinical Setting / A Project Related to Clinical Pharmacy Practice** held from June, 2006 to July, 2006.
- Conducted **Basic Training Course on Clerkship in the Clinical Pharmacy Practice** held from February, 2008 to May, 2008. And July to November 2008.

BRIEF STATEMENT OF RESEARCH INTEREST	Drug development designs and procedures, Biopharmaceutics and Pharmacokinetics
	Drug Interaction Studies, Analytical Method Development and Validation
	Pharmaceutics, Industrial Pharmacy, Pharmaceutical quality Management, Regulatory Perspectives, Pharmacoeconomics
	Nano-medicines

<p>VIVA EXAMINER AND THESES EVALUATION</p>	<ul style="list-style-type: none"> ➤ M.Pharm degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi, 2008 ➤ M.Pharm degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi, 2008 ➤ M.Pharm degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi, 2012 ➤ M.Phil degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2015) ➤ M.Phil degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2016) ➤ M.Phil degree to Dept. of Pharmaceutical Chemistry, Faculty of Pharmacy, Jinah University for women Karachi (2016) ➤ M.Phil degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2016) ➤ M.Phil degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2016) ➤ M.Pharm degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2017) ➤ M.Pharm degree to Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2017) ➤ Ph.D viva examiner, Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (2018) ➤ Ph.D viva examiner, Dept. of Pharmaceutics, Faculty of Pharmacy, University of Karachi (3-08-2019) ➤ M.Phil Thesis examiner, Dept. of Pharmaceutics, Faculty of Pharmacy, Baqai Medical University (2019) ➤ M.Phil Thesis and viva examiner, Dept. of Pharmaceutics, Faculty of Pharmacy, Sindh University February (2020) ➤ M.Phil Thesis and viva examiner, Dept. of Pharmaceutics, Faculty of Pharmacy, Sindh University March (2020)
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<p>RESEARCH GRANTS AND CONTRACTS.</p>	<ul style="list-style-type: none"> ➤ Pharmacokinetic Study of Acceclofenac in Pakistani Population and Effect of Sucralfate Co-Administration on Bioavailability of Acceclofenac. Project was approved by Ziauddin University, and Granted by Sami Pharmaceutical (2010). Amount (200,000 PKR)
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LIST OF PUBLICATIONS

1. Bushra R and **Ali H. Surveillance of Depression in Karachi**, Pakistan. *Neurosciences* 2009; vol 14(2): 447-449.
2. **Ali H**, Bushra R, Aslam N. **Profile of Drug Users in Karachi city, Pakistan**. *Eastern Mediterranean Journal*. Vol 17, no 1, 2011: 41 – 45. **(IF: 0.607)**
3. **Ali H**, Shoaib MH, Bushra R. **Formulation Development of Chlorpheniramine Maleate Tablet Using Direct Compression Method**. *Jordan Journal of Pharmaceutical Sciences*, vol 4, no 1, 2011: 1 – 8.
4. Naz A, Beg AE, Ahmed KZ, **Ali H**, Naz S. and Zafar F. (2011). **Pharmacokinetic Study of Aceclofenac in Pakistani Population and Effect of Sucralfate Co-Administration on Bioavailability of Aceclofenac**. *The Journal of Applied Research* Vol. 11, No. 1, 2011: 55 – 63.
5. Kashif Maroof , Farya Zafar, **Huma Ali**, Ubaidullah Korai, Huma Sharif. **Chlorpheniramine maleate: An effective antiallergic agent**. (2012). *Baqai Journal of Health Sciences*. 15 (2): 35-38.
6. Zafar F, Shoaib MH, Naz A, Yousuf RI and **Ali H. Determination of Ketoprofen in Human Plasma by RP-HPLC**. *American Journal of Analytical Chemistry*, 2013, 4, 252-257.
7. Zafar F, **Ali H**, Shaukat A, Ali U, Khursheed R, Siddiqui S, Alam S, Naz A and Beg AE. **Pharmaceutical Quality Evaluation Studies on Flurbiprofen 100 mg Tablets Available in the Pakistani Market**. *Lat. Am. J. Pharm.* 32 (6): 837-44 (2013) **(IF: 0.372)**
8. **Ali H**, Shoaib MH, Zafar F, Yousuf RI, Alam ZM, Khursheed R and Siddiqui S. (2013). **Development and Optimization of Diclofenac Potassium Tablets Using Central Composite Design and Dissolution Profile Comparison**. *Latin American Journal of Pharmacy*, 2013, 32 (7), 1048-1068. **(IF: 0.372)**
9. Shakeel Sadia, Iffat Wajiha, Yasmin Riffat, **Ali Huma** & Ibrahim Sadaf. **Pharmacy Student's Perception and Attitude towards the Course and Scope of Community Pharmacy in Pakistan**. *Journal of Pharmaceutical and Biomedical Sciences (JPBMS)*, 2013, 32(32), 1400-1406.
10. Sadia Shakeel, Wajiha Iffat, Riffat Yasmin, **Huma Ali**. **Prospective Career Preferences of Imminent Pharmacist**. *IOSR Journal of Pharmacy*, 2013, 3(8), 38-43
11. Yasmin R, Asim SS, **Ali H**, Quds T and Zafar F. (2013). **Prevalence of Perceived Stress among Pharmacy Students in Pakistan**. *International Journal of Pharmaceutical Sciences Review and Research IJPSRR*. 23(2), 2013; 55, 343-347.
12. Zafar F, **Ali H**, Khursheed R, Bano N and Yasmin R. **Statistical Assessment of Dissolution Profile Comparison of Nimodipine 30mg Tablets Available in Local**

Market of Karachi, Pakistan. *Latin American Journal of Pharmacy.* 33 (1): 31-40. (IF: 0.372)

13. Zafar F, Ali H, Shah SN, Bushra R, Yasmin R, Naqvi GR and Shareef H. (2014). **“Evaluation of Release Patterns of Diclofenac Sodium Sustained Release Tablets Available In Pakistani Market”.** *Latin American Journal of Pharmacy* 33 (5): 759-65. (IF: 0.372)
14. Ali H, Shoaib MH, Zafar F, Bushra R, Yasmin R and Shah SN. (2014). **Comparative Evaluation of Diclofenac potassium 50 mg Tablets Available in Pakistani Market.** *Latin American Journal of Pharmacy* 33 (8): 1273-1282. (IF: 0.372)
15. Tariq Ali, Muhammad Harris Shoaib, Rabia Ismail Yousuf, Fahad Siddiqui, Huma Ali, Farrukh Rafiq Ahmed, Iyad Naeem Muhammad and Muhammad Fayyaz. **Development and Validation of a Reverse Phase High Performance Liquid Chromatography (HPLC) Method For Determination of Tizanidine in Human Plasma.** *African Journal of Pharmacy and Pharmacology*, Vol. 8(7), pp. 199-205, 2014
16. Bushra R, Shoaib MH, Ali H, Zafar F, Naeem MI, Aslam N and Yousuf RI. (2014). **“Formulation design and optimization of aceclofenac tablets (100 mg) using central composite design with response surface methodology”.** *Latin American Journal of Pharmacy*, (33 (6): 1009-1018 (2014)). (IF: 0.372)
17. Shah SN, Ali H, Zafar F, Naz A. (2014). **“Optimization of Mefenamic Acid 250 mg tablets using response surface methodology”.** *Latin American Journal of Pharmacy*, 33 (8): 1341-1350.
18. Naz A, Ali H, Zafar F, Shah SN and Sharif H. (2014). **“Development of Spectrophotometric method for dissolution and in vitro kinetic study of glimepiride tablets”.** *Latin American Journal of Pharmacy*, 33 (9): 1418-24. (IF: 0.372)
19. Ali H, Shoaib MH, Zafar F, Bushra R, Yasmin R, Alam ZM. (2014). **“Development and optimization of controlled release Diclofenac Potassium tablets”.** *Latin American Journal of Pharmacy*, 33 (9): 1436-48. (IF: 0.372)
20. Farya Zafar, Muhammad Harris Shoaib, Huma Ali, Zafar M. Alam,. (2014). **“Design and optimization of controlled release ketoprofen tablets”.** *Latin American Journal of Pharmacy*, *Latin American Journal of Pharmacy.* 34 (3): 429-36. (IF: 0.372)
21. Farya Zafar, Syeda Zainab, Huma Ali, Safila Naveed , Fatima Qamar and Obaid Ullah Korai. **Prevalence and Awareness of Psoriasis in Different Groups: A Survey Study.** *Journal of Pharmacy and Pharmaceutical Sciences.* (2014), 2(2): 31-34
22. Ali H, Zafar F, Korai O, Siddiqui S, Naveed S, Baloch SA, Asad S and Fatima R. **Hepatitis: Prevalence, Risk Factors and Associated Co-morbidities in Local**

- Population of Karachi, Pakistan.** (2015). Journal of Bioequivalence & Bioavailability. 7 (1): 051-055.
23. Maroof K, Zafar F, **Ali H** and Naveed S. **Flurbiprofen: A Potent Pain Reliever.** (2015). Journal of Bioequivalence & Bioavailability. 7 (1): 056-058.
24. Zafar F, **Ali H**, Naveed S, Korai OU, Rizvi M, Naqvi GR and Siddiqui S. **Drug Utilization Pattern in Cardiovascular Diseases: A Descriptive Study in Tertiary Care Settings in Pakistan.** Journal of Bioequivalence & Bioavailability. (2015). 7(1): 059-062.
25. Safila Naveeda, Farya Zafar, **Huma Ali**, Huma Dilshad, Fatima Qamar, Syeda Sarah Abbas, Nimra Waheed, Safeena Nazeer and Zehra Ashraf. **RP-LC simultaneous analysis of Ranitidine and NSAIDS in API, formulations and human serum.** Latin American Journal of Pharmacy 34 (7): 1432-7 (2015). **(IF: 0.372)**
26. Kamran Alam, Huma Shareef, Farya Zafar and **Huma Ali.** **Drug in drug technique: development and evaluation of aspirin and clopidogrel immediate release tablets.** Latin American Journal of Pharmacy 34 (6): 1125-31 (2015) **(IF: 0.372)**
27. Zafar F, Shoaib MH, **Ali H**, Siddiqui S and Fatima R. (2015). **In Vitro Release Pattern of Controlled Release Ketoprofen Tablets.** Latin American Journal of Pharmacy 34 (7): 1283-92 (2015)
28. Farya Zafar, **Huma Ali**, Safila Naveed, Amber Amin, Bushra Kanwal and Moniba Ghulam. **Determination of Risk Factors Associated with the Occurrence of Osteoporosis.** Journal of Pharmacy and Pharmaceutical Sciences. 3(1), 67-69. (2015).
29. Zafar F, **Ali H**, Shah SN, Naveed S, Siddiqui S. 2015. **Quality assessment and dissolution profile comparison studies on 250mg mefenamic acid tablets available in local market of Karachi.** Journal of Chinese Pharmaceutical Sciences. 24 (10): 673-677.
30. Naveed S, Zafar F, **Ali H**, Dilshad H, Qamar F and Abbas SS. (2015). **Facile Method for Monitoring of Antihypertensive in Presence of hypolipidemic agent Using RP-HPLC Technique.** Latin American Journal of Pharmacy. 34 (10): 2003-9. **(IF: 0.372)**
31. Zafar F, Hameed A, **Ali H**, Naveed S, Sarwar G, Khan A and Hina Hasnain. (2015). **Herbal Treatment and Home Remedies of Dengue.** Journal of Pharmacy and Pharmaceutical Sciences. 3 (2): 25-31.
32. Naveed S, Waheed N, Ashraf Z, Nazeer S, Qamar F, Dilshad H, Zafar F and **ALI H.** (2016). **Effect of Heat, Time and UV Light on Different Brands of Fluconazole by UV Spectrophotometric Method.** Asian Journal of Chemistry. 28 (2): 447-449.

33. Naveed S, Waheed N, Ashraf Z, Nazeer S, Qamar F, Dilshad H, Zafar F and **ALI H.** (2016). **Effect of Acid and Base of Different Brands of Mefenamic Acid by UV Spectrophotometric Method.** Asian Journal of Chemistry. 28 (2): 444-446.
34. **Huma Ali,** Farya Zafar, Safila Naveed, Shabana N. Shah, Saba A. Baloch, Ghazala Raza Naqvi And Shehla Siddiqui. (2016). **Awareness of pharmacovigilance and adverse drug reporting system in Pakistan: pharmacy students and professionals approach and facts.** The Professional Medical Journal. 23(1): 085-092.
35. Maroof K, Zafar F, **Ali H,** Naveed S and Tanwir S. (2016). **Scope of Nanotechnology in Drug Delivery. Bioequivalence & Bioavailability.** 8(1): 001-005.
36. Hasnain H, **Ali H,** Tariq A, Zafar F and Naveed S. (2016). **NSAIDs; Safety and Risk Assessment in CVS Events, Comparisons and Facts.** Journal of Bioequivalence & Bioavailability. 8(2): 084-088.
37. **Ali H,** Shoaib MH, Zafar F, Bushra R, Yasmin R, Siddiqui S and Alam ZM. (2016). **Intermediate release formulations of diclofenac potassium tablets for IVIVC.** Pakistan Journal of Pharmaceutical Sciences 29(4):1287-1298. **(IF: 0.802)**
38. Bushra R, Shoaib MH, **Ali H,** Zafar F, Shafiq Y, Aslam N. (2016). **In Vitro Drug Analysis and Stability Studies of Optimized Formulations of Aceclofenac (100 mg) Tablets.** Latin American Journal of Pharmacy, **35** (4): 695-704 (2016). **(IF: 0.372)**
39. Kashif Maroof, Farya Zafar, **Huma Ali,** Shabana Naz Shah, Rabia Bushra, Safila Naveed, M. Saquib Qureshi, Sohail Khan & Shehla Siddiqui (2016). **Development And Optimization of Fast Dispersible Flurbiprofen 100mg Tablets By Central Composite Design.** Latin American Journal of Pharmacy, **35** (4): 685-94 (2016) **(IF: 0.372)**
40. Zafar F, **Ali H,** Shah SN, Naveed S, Naqvi GR and Siddiqui S (2016). **Development of film coated naproxen tablets by wet granulation method using response surface methodology.** Latin American Journal of Pharmacy 35 (Suppl. 1): 1145-53 (2016) **(IF: 0.372)**
41. **Ali H,** Shoaib MH, Zafar F, Hanif M, Bushra R, Naz A and Khursheed R. (2016). **Pharmacokinetic and bioequivalence studies of immediate release diclofenac potassium tablets (50mg) in healthy volunteers.** Pakistan Journal of Pharmaceutical Sciences Vol.29, No.5, September 2016, pp.1671-1679 **(IF: 0.802)**
42. **Huma Ali,** Muhammad H. Shoaib, Farya Zafar, Muhammad Hanif, Rabia Bushra, Asia Naz, Safila Naveed & Shehla Siddiqui, & Ghazala R. Naqvi. (2016). **Pharmacokinetic Evaluation of Modified Release Formulations of Diclofenac**

Potassium Tablets Prepared For IVIVC Studies. Latin American Journal of Pharmacy. 35 (4): 805-12. (IF: 0.372)

43. **Ali H**, Zafar F, Baloch SA, Hasnain H, Naveed S, Naqvi GR. (2016). **Diclofenac potassium: a safe and effective pain reliever.** The Professional Medical Journal. 2016; 23(4): 358-363.
44. **Huma Ali ***, Farya Zafar, Shabana N. Shah, Neelam Mallick, Safila Naveed, Ghazala R. Naqvi, Hina Hasnain, Kashif Maroof & Saquib Qureshi. (2016). **HPLC Method Validation for the Evaluation of Rosuvastatin: Application to Raw Material, Bulk and Pharmaceutical Products.** Latin American Journal of Pharmacy. 35 (8): 1710-8 (2016). (IF: 0.372)
45. **Huma Ali**, Farya Zafar, Shazia Alam, Neelam Mallick, Hina Hasnain, Ghazala Raza Naqvi, Zeb-Un-Nisa, Anum Tariq, Aslam Shah. (2016) **Integration of Community Setup in Pharmaceutical Care: Current Challenges, Perception, Facts and Opportunities in Pakistan.** International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS) Vol 8, Issue 10, 138-143 (2016) (IF: 0.28)
46. Sohail Khan, Dr. Farya Zafar, **Dr. Huma Ali**, Dr. Kamran Hameed, Dr. Neelam Mallick⁵, Muhammad Saquib Qureshi, Saba Ajaz Baloch. (2016) **Water dispersible tablets: features and developmental challenges.** Professional Medical Journal. 2016;23(9): 1022-1025.
47. Saba Ajaz Baloch, Dr. Farya Zafar, **Dr. Huma Ali**, Ghazala Raza Naqvi⁴, Sohail Khan⁵, Muhammad Saquib Qureshi⁶, Shehla Siddiqui. (2016) **COPD: an alarming health and economic burden.** Professional Medical Journal 2016; 23(8): 889-892.
48. Farya Zafar, **Huma Ali**, Safila Naveed, Sidra Khan, Fatima Qamar and Samina Alam. (2016) **Survey on Zika Virus: A New Challenge to Health Care Provider.** RADS-JPPS Vol 4 (1), June 2016, 102-106.
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50. Muhammad Saquib Qureshi, Dr. Farya Zafar, Dr. **Huma Ali**, Dr. Kamran Hameed, Dr. Neelam Mallick, Sohail Khan and Saba Ajaz Baloch (2016) **A review on influence of superdisintegrant on disintegrant and dissolution.** Professional Medical Journal. 2016; 23(10): 1167-1170.
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ORAL/POSTER PRESENTATIONS

1. **Huma Ali, Super disintegrant effects: development and optimization of Febuxostat tablets and statistical evaluation of release kinetics** in 4th international conference on **challenges in drug discovery & therapeutics 6th-7th December 2019**, with Theme: improving Quality of life organized by Ziauddin University. (*ORAL*)
2. Sohail Khan, Farya Zafar, **Huma Ali, Design and evaluation of dispersible formulations of Meloxicam tablets 15mg and 7.5mg** in 4th international conference on **challenges in drug discovery & therapeutics 6th-7th December 2019**, with Theme: improving Quality of life organized by Ziauddin University. (*POSTER*)
3. Anum Tariq, **Huma Ali.** Predictors and Clinical Outcomes of Surgical Site Infections: A Cross Sectional Study In Tertiary Care Settings. *6th International Conference On Endorsing Health Science Research: ICEHHSR-18 (ORAL): 2018*
4. **Huma Ali^{1*}, Farya Zafar.** Drug Development Strategies: Application Of Biopharmaceutical Classification System, Biowaiver And IVIVC. 1st National conference on current research and practices in Pharmaceutical Sciences. 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan (ORAL).*
5. Kinza Haider¹, Maryam Shamsad¹, Greesch Kumar¹, Farya Zafar², **Huma Ali¹ Community Pharmacist: A Need More Than A Placement For Optimal Healthcare; Challenges And Opportunities.** 1st National conference on current research and practices in Pharmaceutical Sciences. 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan (POSTER).*
6. Daniya Arshad, Amna Feroz, Areeba Shahid, Mashal Zehra, Kamran Khan, **Huma Ali^{**}. Quality Assessment of Diclofenac Sodium 100mg Tablets Available In Pakistani Market: A Perspective of In Vitro Therapeutic Efficacy** 1st National conference on current research and practices in Pharmaceutical Sciences. 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan (POSTER).*
7. Mashal Zehra, Areeba Shahid, Daniya Arshad, Amna Feroz, **Huma Ali^{*}. Surveillance Studies of Cold Storage Pharmaceutical Products: Facts And Practices.** 1st National conference on current research and practices in Pharmaceutical Sciences. 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan (POSTER).*
8. Saima Salim, Yusra Shafiq, Anas Hanif, Kamran Khan, **Huma Ali^{*}. Recognition and management of interactions of narrow therapeutic index drugs: perception of healthcare professional.** 1st National conference on current research and practices

in Pharmaceutical Sciences. 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan* (POSTER).

9. **Huma Ali. Nanotechnology: Revolution in Drug Development Strategies; Facts And Challenges.** New horizons in drug discovery and pharmaceutical sciences, Abbottabad *University of Science and Technology Abbottabad, Pakistan*. 27-30 April, 2017. (ORAL).
10. **Huma Ali.** Novel Drug delivery Approaches In Formulation Development; Stability Considerations And Quality Features of Herbal Products. *4th Hamdard International conference on Unani Medicine 2017*. Unani Medicine Past Present and future. 9-11 January 2017, Karachi, Pakistan (ORAL).
11. **Huma Ali^{1*}, Farya Zafar², Rabia Bushra³, Sohail Khan⁴, Huma Shareef** “Stability profile of diclofenac potassium modified release formulations: impact of polymer and directly compressible binder on drug release behavior”. *International conference on bridging the gap in primary health care, Innovation, translation beyond*. Widening the window for collective impact of translational medicine approach on improved community outcomes. 3- 5th February, 2017. *Ziauddin University* (POSTER)
12. **Huma Ali,^{1*} Anum Tariq¹, Farya Zafar¹, Kamran Hameed², Hina Hasnian¹** Management strategies for post surgical infections and therapeutic rationalization of antibiotics. National Conference on recent innovation in pharmaceutical Sciences (NCRIPS). 25-26 October 2016, *Islamabad, Pakistan* (ORAL).
13. Anum Tariq¹, **Huma Ali^{1*}**, Farya Zafar¹, Kamran Hameed², Hina Hasnian. An overview of surgical site infection and their preventive measurements. **IPCE 2016, Lahore, Pakistan** (ORAL).
14. **Huma Ali,^{1*} Farya Zafar¹, Ali Akbar Sial¹, Huma Sharif¹, Shehla Siddiqui** Adverse drug reporting structure and pharmacovigilance: a need *based approach* in Pakistan. **IPCE 2016, Lahore, Pakistan** (ORAL)
15. **Huma Ali¹, Farya Zafar¹, Safila Naveed², Ali Akbar Sial¹, Neelam Mallick** Osteoporosis: an alarming condition; prevalence, perception and risk factors **IPCE 2016, Lahore, Pakistan** (ORAL).
16. Farya Zafar, **Huma Ali^{**}**, Ali Akbar Sial, Huma Shareef, Neelam Mallick: Quality attributes & in vitro drug release kinetics of mefenamic acid in traditional and biorelevant media. **IPCE 2016, Lahore, Pakistan** (ORAL).
17. Neelam Mallick¹, **Huma Ali¹**, Ali Akbar Sial¹, Farya Zafar¹ **assessment of anti-coagulating effects of Citrus sinensis & Citrus paradisi** **IPCE 2016, Lahore, Pakistan** (ORAL).
18. Hina Hasnain, Anum Tariq, **Huma Ali**. Muhammad Saquib Qureshi, (March 21st, 2015) “NSAIDS; safety and risk assessment in CVS events, comparison and facts”

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19. Muhammad Saquib Qureshi, Shabana Naz Shah, Farya Zafar and **Huma Ali**. (January 9-11th, 2015) "Development & Evaluation of Mefenamic Acid 250mg tablets by Central Composite Design. *International Conference organized by Ziauddin University* (ORAL).
20. Muhammad Saquib Qureshi, Kashif Maroof, Sohail Khan, Farya Zafar, **Huma Ali** (January 9-11th, 2015) "Is Celecoxib an effective COX-2 inhibitor for Rheumatologic Disorders? A Literature Review. *International Conference organized by Ziauddin University* (POSTER).
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25. **Huma Ali** (28th April-1st May 2011). Rational Use of Intravenous Antibacterial Agents in Pediatric Population. *16th International Pharmacy Conference & Exhibition, Lahore Pakistan* (ORAL).
26. Naz A, Shamshad H, Zafar F, **Huma A** and Shabana N. Development of 3D QSAR Model for Immunomodulatory activity of Fluoroquinolone Derivatives. In *1st National Conference on Health Quality and Advancements in Pharmacy held on 26th April 2014, Karachi, Pakistan* (ORAL).
27. **Ali H**, Zafar F, Naz A, Shah SN. Quality Evaluation and statistical assessment of in vitro drug release kinetics of nimodipine 30 mg tablets. In *1st National Conference on Health Quality and Advancements in Pharmacy held on 26th April 2014, Karachi, Pakistan* (POSTER).
28. Zafar F, **Ali H**, Naz A and Shah SN. Assessment of physicochemical quality attributes and dissolution profile comparison of flurbiprofen 100 mg tablets available in local market. In *1st National Conference on Health Quality and Advancements in Pharmacy held on 26th April 2014, Karachi, Pakistan* (POSTER).

SEMINARS, SYMPOSIUMS AND WORKSHOPS ORGANIZED

- Organized one day training workshop on **Career Preferences: Unlock your Potential through MBTI**, by Institute of Pharmaceutical Sciences, Jinnah Sindh Medical University, April 16, 2019
- Organized one day training workshop on **Literature search & Endnote**, in collaboration with Pakistan scientific & technological Information centre (PASTIC) and Pakistan science Foundation (PSF) & IPS, JSMU, 16-07-2019.
- Organized workshop on **“Work pressure: management and strategies to deal”** IPS, Jinnah Sindh Medical University, May 9, 2019
- Organized workshop on **“Effective Time Management”** for faculty members IPS, Jinnah Sindh Medical University, April 13, 2019
- Organized seminar on **“The role of pharmacist in the management of INR: thrombolytic drug rationalization”** IPS, Jinnah Sindh Medical University, March 7, 2019
- Organized seminar on **Role of Pharmacist in oncology**, IPS, Jinnah Sindh Medical University, March 4, 2019
- Organized seminar on **Iron deficiency anemia awareness and role of pharmacist**, IPS, Jinnah Sindh Medical University in collaboration with PharmEvo, March 5, 2019.
- Organized a training and awareness session on **Leprosy awareness** in collaboration with IPS, Jinnah Sindh Medical University and Maries Stopes society for leprosy, March 07, 2018.
- Organized a training session for students and faculty on **Advance cultural and susceptibility methods** in collaboration with IPS, Jinnah Sindh Medical University & Musaji Adams and Sons, February 1, 2018.
- Three days International Conference on **“Emerging Fields of Pharmacy”** September 19-21, 2014
- Two days Workshop on **“Rational Use of Medicine”** in collaboration with world Health Organization and PPA, June 20th-21st 2013
- One day Seminar on **“Examination Methodology and Quality Assessment”**, May 28, 2013
- One day Seminar on **“Nanotechnology-Science, Medical Applications”**, on April 10, 2013
- One day Seminar on **“Stability Studies of Drugs & Formulated Products”**, on April 3, 2013

- One day Seminar on “**Emotional Intelligence**”, December 11, 2012
- One day Seminar on “**Implications of Exponential Growth of Biomedical Information**”, October 18, 2012
- One day Seminar on “**Sales and Marketing of Pharmaceuticals**”, October 17, 2012
- Two days Workshop on “**Statistical Package, SPSS**”, on September 19 -20, 2012
- One day Seminar on “**Structural & Functional studies of Coagulation Proteins**”, on August 29, 2012
- One day Pharmacy Youth House on “**Exploring the New Dimensions of Pharmacy Practice**” July 2nd, 2012
- One day Seminar on “**Plagiarism**” on May 19,2012
- One day Symposium on “**Pharmacist: A Need of Health Care System**” on April 28,2012
- One day Workshop on “**Technological Gateway in Pursuing Pharmacy**” on April 3rd,2012
- One day Seminar on development of “**Interpersonal Skills**” on December 19, 2011
- One day Seminar on “**Time Management**” on December 12, 2011
- One day Workshop “**Competency Based Education**” on May 26, 2011.
- One day Symposium on “**Clinical Pharmacy Practice: an Era of Transition from Theory to Practice**” April 23, 2011.
- One day Workshop “**Why Problem Based Learning (PBL)?**” on March 4, 2011.
- One day Symposium on “**Hospital Pharmacy Practice**” on November 17th 2009.

ADDITIONAL ACTIVITIES

- Reviewer of various reputed national and international journals including
 - Saudi Pharmaceutical Journal: Elsevier Journals
 - Journal of Cleaner Production: Elsevier Journals
 - Composites part B: Elsevier Journals
 - Journal Taibah University of medical Sciences: Elsevier Journals
 - Drug Development and Industrial Pharmacy: Taylor & Francis group
 - RADS: journal of Pharmacy and Pharmaceutical sciences
- Pharmaceutical Visits/Training arrangement, at IPS, JSMU.
- Actively coordinated as **STUDENT ADVISOR** in arranging various events like Farewell parties of final year, Independence Day celebrations, Exhibition, Theme Days, Spring Festivals, Picnics and other Sports and Extracurricular Activities in Ziauddin University.
- Invited as an **External Examiner M.Phil/M.Pharm** at various Faculties of Pharmacy.

- Invited as an **External Examiner Pharm.D** in Faculty of Pharmacy, Dow University of health sciences.
- Invited as an **External Examiner Pharm.D** in Faculty of Pharmacy, Hamdard University.
- Invited as an **External Examiner Pharm.D** in Faculty of Pharmacy, Nazeer Hussain University of health sciences.
- Invited as an **External Examiner Pharm.D** in Faculty of Pharmacy, Jinnah University for women.

WORKSHOPS AND TRAINING PROGRAMS ATTENDED

- Attended a workshop on **How to write a research grant?** Organized by Jinnah Sindh Medical University, March 21, 2019
- Attended 3 days workshop at HEC regional centre Karachi on **Ph.D Supervisors Capacity Building Program** organized by HEC, March 4-6, 2019
- Attended a session on **Innovations in Pharmacotherapy and disease management** organized by Jinnah Sindh Medical University, 26th -27th September, 2018
- Attended a workshop on **Nuts and Bolts of Clinical research** organized by Jinnah Sindh Medical University, March 21, 2019
- Attended, **e-learning: MOODLE based teaching and assessment system** (Workshop) organized by Jinnah Sindh Medical University, Karachi. Dec 2017- Jan 2018.
- Attended a workshop on **Tablet Tooling** organized by University of Karachi & Natoli engineering company, May 2018.
- Attended a workshop on **Hand on CPR Awareness** organized by Bosch Medicus , Karachi in March 2018.
- Attended one day Workshop on **Prevention: A Road to Future**, Jinnah Sindh Medical University, on December 18, 2017.
- Attended one day Workshop on **Clinical Teaching Skills**, Jinnah Sindh Medical University, on March 3, 2017.
- Attended one day Workshop on **Teaching as a profession**. Organized by Ziauddin Faculty of Pharmacy, Ziauddin University, on March 4, 2015.
- Attended two days Workshop on **SPSS** Organized by Ziauddin College of Pharmacy, Ziauddin University, on September 19 -20, 2012.

- Attended one day Workshop on **Technological Gateway in Pursuing Pharmacy** Organized by Ziauddin College of Pharmacy, Ziauddin University, on April 3rd, 2012
- Attended two days Workshop on **Meta Analysis**, Organized Ziauddin University, on January 11 and 19, 2012
- Attended one day Workshop **Competency Based Education** Organized by Ziauddin College of Pharmacy, Ziauddin University, on May 26, 2011.
- Attended one day Workshop **Why Problem Based Learning (PBL)?** Organized by Ziauddin College of Pharmacy, Ziauddin University, on March 4, 2011.
- Attended one day Workshop on **Development of Sustainable And Collaborative Research Network** organized by University of Karachi, Jan 7-8, 2011
- Attended 3rd International symposium-cum-training course on **Molecular Medicine and Drug Research**, organized by the Dr. Panjwani Center for molecular medicine and drug research (international center for chemical and biological sciences), university of Karachi from January 3-6, 2011.
- Attended one day Workshop on **Learning Milieu** organized by Ziauddin College of Pharmacy, Ziauddin University, on May 20, 2010.
- Attended one day Workshop on **Introduction Linking Teaching with Learning** organized by Ziauddin College of Pharmacy, Ziauddin University, on February 9th 2010.
- Attended 1st National **Patch Clamp** Workshop cum training, organized by the Dr. Panjwani Center for molecular medicine and drug research (international center for chemical and biological sciences), university of Karachi from January 21-23rd, 2009.
- Attended two days Workshop on **Introduction to Education and Designing MCQs** at Ziauddin College of Pharmacy, Ziauddin University. December 14th to 15th 2009.
- Attended one day Workshop on **Professional Competencies** organized by Ziauddin College of Pharmacy, Ziauddin University. July 30, 2009
- Attended 2nd International symposium-cum-training course on **Molecular Medicine and Drug Research**, organized by the Dr. Panjwani Center for molecular medicine and drug research (international center for chemical and biological sciences), university of Karachi from January 12 – 15, 2009.
- Attended 1st National workshop / seminar on **Global Recognition of Patent System**, at institute of industrial and electronics engineering (IIEE) Karachi, from December 13th to 14th 2006.

CONFERENCES ATTENDED

- Attended **World Women Pharmacists Day** organized by Faculty of Pharmacy, Jinnah University for Women, October 1-2, 2018.
- Attended seminar on **Unfold Diversifications of Pharmaceutical & Homeopathic Sciences** organized by Faculty of Pharmacy, Jinnah University for Women. March 30-31, 2018.
- Attended symposium on **Pharmacists are your medicine experts** organized by Jinnah University for Women, 1st – 2nd October, 2018
- Attended seminar on **Role of Community Pharmacist in disaster management. Organized by Pharmacy graduate association in collaboration with Pharmacy Graduates Association.** 27th April, 2017, Karachi, Pakistan.
- Attended 1st National conference on **current research and practices in Pharmaceutical Sciences.** 3-5 November, 2017, *Faculty of Pharmacy, University of Sindh, Jamshoro, Pakistan.*
- Attended 4th Hamdard International conference on Unani Medicine 2017. **Unani Medicine Past, Present and future.** 9-11 January 2017, Karachi, Pakistan.
- Attended International Conference on **New horizons in drug discovery and pharmaceutical sciences,** Abbottabad *University of Science and Technology Abbottabad, Pakistan.* 27-30 April, 2017.
- Attended national Conference on **Exploring the innovations in Pharmacy Practice for Better Tomorrow,** organized by Jinnah University for Women, Karachi *Pakistan.* 16-17 March, 2017.
- Attended International conference on **bridging the gap in primary health care, Innovation, translation beyond. Widening the window for collective impact of translational medicine approach on improved community outcomes.** 3- 5th February, 2017.
- Attended Seminar on **Community Pharmacy: a dignified profession yet deserted in Pakistan. An Awakening call to action.** Organized by Jinnah University for Women, on 19th September, 2016.
- Attended Seminar on **“Perspective and Dimensions of Drug Product bioequivalence in 21st Century”** held on 15th December, 2015.
- Attended 3rd International Conference on **“Bioanalytical and Bioequivalence studies”** held on 18-19th August, 2015.
- Attended 2nd International Conference on **“Bioavailability and Bioequivalence”** held on 18-19th November, 2014.
- Attended 1st International Conference on **“Career Guidance/Counseling for Pharmacist”** Organized by University of Sindh Jamshoro in collaboration with drug regulatory authority of Pakistan, held on 23rd October, 2014.

- Attended 2nd national seminar on “**Emerging Fields of Pharmacy**” held on 19th - 21st November, 2014.
- Attended 1st National Conference on “**Health Quality and Advancements in Pharmacy**” held on 26th April 2014.
- Attended 2nd National Conference on “**Research in Pharmacy**” held on 7th September, 2013.
- Attended one day Seminar on “**Examination Methodology and Quality Assessment**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on May 28, 2013
- Attended one day Seminar on “**Nanotechnology-Science, Medical Applications**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on April 10, 2013
- Attended one day Seminar on “**Stability Studies of Drugs & Formulated Products**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on April 3, 2013
- Attended one day Seminar on **Innovative Contribution of Pharmacist in Collaborative Pharmacy Practice** organized by University of Karachi on February 2, 2013
- Attended one day Seminar on “**Emotional Intelligence**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on December 11, 2012
- Attended one day Seminar on “**Implications of Exponential Growth of Biomedical Information**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on October 18, 2012
- Attended one day Seminar on “**Challenges and Opportunities for Young Pharmacist in Marketing**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on October 17, 2012
- Attended one day Seminar on “**Structural & Functional Studies of Coagulation Proteins**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on August 29, 2012
- Attended Pharmacy Youth House on “**Exploring the New Dimensions of Pharmacy Practice**” organized by Ziauddin College of Pharmacy, Ziauddin University, on July 2nd, 2012
- Attended one day Seminar on “**Freeze Drying Process and Applications**” organized by Jinnah University for Women
- Attended one day Seminar on “**Plagiarism**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on May 19, 2012

- Attended two days National Conference on “**Pharmacy Profession – A Success Tool for Health Care System**” Organized by Dow College of Pharmacy, Dow University of Health Sciences, on May 2nd and 3rd, 2012
- Attended one day Symposium on “**Pharmacist: A Need of Health Care System**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on April 28,2012
- Attended one day Seminar on “**Clinical Exposure of Pharm-Ds in Global Scenario**” Organized by Baqai Institute of Pharmaceutical Sciences, on March 8,2012
- Attended one day Seminar on Pharmacy, “**A Unique Profession, Role of Community Pharmacy in Pakistan, Impact of Clinical Pharmacist in Changing Health Care System**” Organized by Hamdard University, on February 29,2012
- Attended one day Seminar on development of “**Interpersonal Skills**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on December 19, 2011
- Attended one day Seminar on “**Time Management**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on December 12, 2011
- Attended one day Symposium on “**Clinical Pharmacy Practice: an era of transition from theory to practice**” Organized by Ziauddin College of Pharmacy, Ziauddin University, on April 23, 2011.
- Attended 16th “**International Pharmacy Conference and Exhibition (IPCE)**” 2011, organized by Pakistan pharmacy association, Lahore Pakistan from April 28th to May1st 2011.
- Attended one day Lecture on “**Good Manufacturing Practices &FDA Regulations**” organized by University of Karachi, on February 22, 2011.
- Attended one day Seminar on “**Pharmacy Profession a Tool to Enhance Patient Care**” organized by University of Karachi, on Jan 13, 2011.
- Attended one day Conference on “**Mapping Your Process To GMP To Ensure Compliance**” organized by Ingrope Information Services, held at Regent Plaza Karachi, on March 9th, 2010
- Attended 1st International eHealth conference on “**Better Health for All Through e-Health**” at held at Agha Khan University Karachi, on January 23rd - 24th 2010.
- Attended one day Symposium on “**Hospital Pharmacy Practice**” organized by Ziauddin College of Pharmacy, Ziauddin University in collaboration with the society of hospital pharmacist of Pakistan, on November 17th 2009.
- Attended 1st International seminar on “**Laboratory Bio-Safety**” organized by Pakistan Biological Safety Association, held at Agha Khan University Karachi, on March 21st 2009.

- Attended one day training session on “**Ethical Pharmaceutical Marketing**” organized by Merck (pvt) Ltd in collaboration with Ziauddin College of pharmacy Karachi, on July 14th 2008.
- Attended one day Conference on Update on Antimicrobial “**Resistance (AMR); Problem and Solution**” held at Agha Khan University Karachi, on April 26th 2008.
- Attended Seminar on Pharma “**Professional Skills**” organized by Pharma professionals services, At Expo Center Karachi, From April 24th to 26th 2007.
- 14th **International Pharmacy Conference and Exhibition (IPCE)** 2007, organized by Pakistan Pharmacy Association, at Bahria auditorium, Karachi, from April 5th to 7th 2007.