

Noor KAMIL PhD

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To work as a pharmacology educator applying my past experiences, active teaching strategies, and my desires for all students to be successful for career growth and to keep up with the cutting edge teaching technologies

I. EDUCATION & CREDENTIALS**• EDUCATION**

PhD-Pharmacology (2006), MPhil-Biochemistry (2003), BPharm (1995), Faculty of Pharmacy, University of Karachi. Karachi-Pakistan.

II. TEACHING HISTORY

- Dec 2018- to date **Professor/ Dean**
Dept of Basic Medical Sciences, Faculty of Pharmacy, **Barrett Hodgson University**, Karachi
- Oct 2016- Nov 2019 **Associate Professor/ Interim Dean** (Oct 16-July 17)
Dept of Basic Medical Sciences, Faculty of Pharmacy, **Barrett Hodgson University**, Karachi
- July 2010-Sept 2016 **Assistant Professor**
College of Clinical Pharmacy, **King Faisal University**, Al-Ahsa, Hofuf, KSA.
- August 2009-July 2010 **Assistant Professor / Vice Dean**
Dow International Medical College & Dow College of Pharmacy, Dept of Pharmacology, **Dow University of Health Sciences**, Karachi
- Dec 2008-July 2009 **Assistant Professor**
College of Pharmacy, Dept of Pharmacology & Therapeutics, **King Khalid University**, Abha-KSA
- March 2007-Dec 2008 **Assistant Professor / Program Director**
Dow Medical College & Dow College of Pharmacy, Dept of Pharmacology, **Dow University of Health Sciences**, Karachi
- Sep 2003- March 2007 **Senior Demonstrator /Assistant Professor**
Fatima Jinnah Dental College, Dept of Pharmacology, Karachi.

III. PROFESSIONAL & RESEARCH HISTORY

- Nov 1999- Dec 2004 **Compounding Pharmacist / Entrepreneur**
Nigehban Compounding Pharmacy, Karachi.
- Sep 2002-June 2003 **Oncology Pharmacist (contract)**
Children Cancer Hospital, Ayesha Manzil, Karachi.
- Dec 1999- Dec 2000 **Research Associate**
Research Institute of Pharmaceutical Sciences (Bioequivalence and Clinical Pharmacokinetics lab), **University of Karachi**, Karachi.
- Feb 1997-Nov 1999 **Institutional (Hospital) Pharmacist**
Dept of Pharmacy and Ancillary Services, **Dr Zauddin Hospital** N-Nazimabad Campus, Karachi.
- Jan 1996-Jan 1997 **Trainee Pharmacist**
Dept of Pharmacy Services, **Aga Khan University Hospital**, Karachi.

IV. PUBLICATIONS

No.	TOPIC	TITLE OF JOURNAL	NATIONAL / INTERNATIONAL / PLACE OF PUBLICATION	ISSUE NUMBER AND YEAR OF PUBLICATION	Cumulative Impact Factor '7.944'
1	Evaluation of Counseling practices offered by pharmacies for diabetics attending outpatient clinics in Al-Ahsa Promise E, Sahibzada TR, Kamil N	<i>Journal of Patient Experience</i>	International	DOI: 10.1177/2374373519846945 Journal of Patient Experience. June, 2019	0.75 W
2	Dose estimation, conversion and translation from animal to human and human to animal for clinical and animal studies Kamil N, Kamil S	<i>International Journal of Biology & Biotechnology</i>	National	Vol.14, Issue No.3 pp: 311-317 2017	- Y
3	Hazardous Drug Handling Awareness among Faculty Members. Kamil N	<i>Journal of Young Pharmacists</i>	International	Vol. 8, Issue No. 4 pp: 487-491 2016	0.23
4	Development of transdermal delivery system of dexamethasone, palonosetron and aprepitant for combination antiemetic therapy Kamil N	<i>Indian Journal of Pharmaceutical Education and Research</i>	International	Vol. 50, Issue No. 3 pp: 472-481 2016	0.25 W

5	Pediatric Cancer Incidences Kamil N, Kamil S	<i>Archives in cancer research</i>	International	Vol.4, Issue. No. 2:79 pp: 1-3 2016	0.6 Y
6	Global cancer incidences, causes and future predictions for subcontinent region Kamil N, Kamil S	<i>Systematic Reviews in Pharmacy</i>	International	Vol. 6, Issue No. 1 pp: 13-17 2015	0.13 Y
7	Hepatoprotective Effect of Calotropis procera in Isoniazid and Rifampicin Induced Hepatotoxicity Kamil N, Imran ul H S	<i>Pharmacognosy Journal</i>	International	Vol. 6, Issue No. 5 pp: 9-14 2014	0.28 Y
8	Toxic effects of multiple anticancer drugs on skin Kamil N, Kamil S, Shahida P. Ahmed., et al	<i>Pakistan Journal of Pharmaceutical Sciences</i>	National	Vol. 23, Issue. No.1 pp:7-14 January 2010	0.825 W
9	Vincristine induced Dermal Toxicities Kamil N, Kamil S, Shahida P. Ahmed., et al	<i>Pakistan Journal of Pharmacology</i>	National	Vol. 25, Issue No.1 pp: 53-60 2008	- Z
10	Essential Hypertension Ashraf R, Ashraf I, Kamil N et al	<i>The Professional Medical Journal</i>	National	Vol:14, Issue No. 4 pp: 627-633 2007	- X
11	Effects of tryptophan and valine administration on behavioral pharmacology of haloperidol Ali O, Haleem DJ, Saify ZS, Kamil N , Obaid R, Ahmed SW	<i>Pakistan Journal of Pharmaceutical Sciences</i>	National	Vol.18, Issue No. 2 pp: 23-8 2005	0.825 W
12	Pharmacokinetic differences of some generic tablet gliclazide 80mg on Pakistani population Obaid R, Ali O, Saify ZS, Kamil N, Khan MH, Ahmed T	<i>Pakistan Journal of Pharmaceutical Sciences</i>	National	Vol. 17, Issue No. 1 pp: 55-64. 2004	0.825 W
13	Pharmacokinetics differences of tab Mefenamic acid (MA) 500mg (one pill) and 250mg (two pill) with and without food Ali O, Obaid R, Kamil N , Saify Z S, Ahmed S W	International Chemical Pharmaceutical and Medical Journal	National	Vol. 1, Issue No. 1 pp.63-68 2004	-
14	Effect of co administration of haloperidol and large neutral aminoacids (tryptophan and valine) on rats striatal dopamine, serotonin and their metabolism. Ali O, Haleem DJ, Obaid R, Kamil N , Haleem MA, Ahmed SW	<i>Pakistan Journal of Pharmaceutical Sciences</i>	National	Vol. 16, Issue No. 1 pp: 13-25 2003	0.825 W
15	Dopamine/Serotonin metabolite ratio and extrapyramidal effects of clozapine in rats Haleem D.J, Batool F, Kamil N. , et al	<i>Journal of College of Physician and Surgeons of Pakistan</i>	National	Vol. 12, Issue No. 10 pp: 588-592 2002	0.554 W
16	Method development for analysis of gliclazide in human plasma by using high-performance liquid chromatography Obaid R, Ahmed T, Ali O, Kamil N , Ahmed SW	<i>Pakistan Journal of Pharmaceutical Sciences</i>	National	Vol. 15, Issue No. 2 pp:51-6 2002	0.825 W
17	Differences in the effects of haloperidol and clozapine on brain serotonin and dopamine metabolism and on tests related to extrapyramidal functions in rats Haleem DJ, Batool F, Khan NH, Kamil N , Ali O, Saify ZS	<i>Medical Science Monitor</i>	International	Vol. 8, Issue No. 9 pp:354-61 2002	1.585 W

V. SPECIAL SKILLS

- **Training of Trauma Psychology & Psychotherapy**, Dept of Clinical Psychiatry Aga Khan, University Hospital in collaboration with University of Missouri (USA), 2000
- **Research protocol Writing**, Aga Khan University Hospital (Faculty of Health Sciences) & Karolinska Institute and Hospital Stockholm, Sweden, 2000
- **Gene isolation and detection**, Aga Khan University Hospital (Faculty of Health Sciences) & Karolinska Institute and Hospital Stockholm, Sweden, (Atherosclerosis Research Unit), 2000
- **Molecular Biology and the genetics in Humans- Health, Disease and the environment**, Dr. A Q Research Labs, University of Karachi & Sindh Urology and Transplantation, 1999
- **Hand's on training of Molecular Genetics**, Dept of Molecular Genetics University of Karachi in collaboration with University of Montreal (Canada), 1999
- **Laparoscopic Techniques in Urology**, SIUT in collaboration with Royal College of Surgeons of England, 1999
- **Orientation of Electron Microscope**, SAARC forth congress of Nephrology, Urology in collaboration with SIUT, 1999

VI. CONFERENCES/SEMINARS/WORKSHOPS/SYMPOSIUMS ATTENDED

1. **Hands-on workshop on applications of power lab systems in Physiology and Pharmacology**, Participant, Hamdard College of Medicine and Dentistry, Hamdard University, June 27 & 28, 2018
2. **Value of strengthening Academia-Industry Linkage**, Participant, Barrett Hodgson University, March 20, 2018
3. **Laboratory Biosafety Awareness Workshop-I**, Participant, Barrett Hodgson University, February 27, 2018
4. **Pharmacy Now a world of care Speaker**, Barrett Hodgson University, November 16, 2017
5. **Symposium on Biosafety**, Barrett Hodgson University, October 5, 2017
6. **Food Safety and Security**, Barrett Hodgson University, May 6, 2017
7. **Marketing in Digital Era** Barrett Hodgson University, April 22, 2017
8. **Health Informatics**, Barrett Hodgson University, April 8, 2017
9. **World Water Day** at Barrett Hodgson University, March 22, 2017
10. The web of science and **EndNote 2 training** workshop delivered by the intellectual property and science department of Thomoson Reuters at King Faisal University February 15, 2016
11. The web of science and **EndNote1 training** workshop delivered by the intellectual property and science department of Thomoson Reuters at King Faisal University 8th December 2015

12. Training program on Dealing with **Research Failure and Turning it into Success** by Prof. Ghassan F. Aoud, Deanship of academic development, College of Computer Science, King Faisal University 10-11 March 2015.
 13. Workshop on **Course Report writing** based on NCAAA and NQF standards by Prof Peter Hodson, Deanship of quality assurance and academic accreditation, King Faisal University 3 March 2015
 14. Workshop on ILOs (**intended learning outcomes**) based on NQF (National Qualification Framework) by Prof Peter Hodson, Deanship of quality assurance and academic accreditation, King Faisal University 22, 23 February 2015
 15. Workshop on **RefWork** in Central Library, KFU, 11 February 2015
 16. Workshop on **Blackboard**, Deanship of E-learning, KFU. 29-30th December 2014.
 17. Workshop on **Course specification and Course Report** College of Business Administration, King Faisal University, 14 October 2014. KSA.
- Training Program: **Designing Courses that motivate and engaged students for deep learning** organized by ELON University (Dr. Peter Gerhard Felton) and University of Virginia (Dr. Michael Shain Palmer) USA. King Faisal University, 18-19 Feb 2014.
- Workshop on teaching strategies: **Effective Teachers**. King Faisal University, 23-24 Dec 2013. KSA
- Workshop on using **Black Board: Skills and tools**. King Faisal University, 1-2 Apr 2013. KSA
- Information security policy**, King Faisal University, 25 Feb 2013. KSA
- Effective teaching strategies**, King Faisal University, Dec 10-11, 2012. KSA
- Formulation of the **idea and research management**. Participant 5 Dec 2012. By KACST. KFU. KSA
- Nizak Seminar** (SEM) Participant. 19/09/2012, Sofitel Hotel Khober.
- Braker Seminar** (GCMS) Participant. Dec 2011, Sofitel Hotel, Khober.
- Program, & course learning outcomes** based on NQF. Participant. 19-20/11/2011. Coral Plaza Hotel. Alahsa.
- Management & implementation of self-study for institutional accreditation**. Participant. 8-9/10/2011 Cora Plaza Hotel. Alahsa
- Workshop on **quality assurance standards in higher education and academic advising using ADRI model**. Participant. 1-2/3/2011. College of Engineering Sciences, KFU.
- Nuclear Magnetic Imaging**. Participant. June, 2008. Dow University of Health Sciences
- World Hepatitis Day**. Participant. June, 2008. Dow University of Health Sciences
18. **Communication Skills**. Participant. 26-27 September, 2005. Liaqat National Hospital.
 19. **Annual Symposium**. 2nd Annual Symposium. Participant. 24-25 September, 2005 Fatima Jinnah Dental College
 20. Continuous Professional Development Course. 1st Dr. Zubaida Qasim Lecture, CPD Course (**Physiology and Dentistry**). Participant. 29th April, 2005. Fatima Jinnah Dental College Alumni Association
 21. **Pharmacology and Therapeutics**. 3rd Biennial Conference on Pharmacology and Therapeutics. Participant. 14-16 January, 2005. Pakistan Pharmacological Society. Hamdard University
 22. **Annual Symposium**. Fatima Jinnah Dental College Annual Symposium. Participant. 3-5 September, 2004. Fatima Jinnah Dental College
 23. **Innovation in Pharmacy for Life**. 12th International Pharmacy Conference & Exhibition (IPEC) 2004. **Speaker** (Lecture presentation on the topic of 'Gene Therapy') 18-20 February, 2004. Pakistan Pharmacist Association
 24. **Safe Handling of Cytotoxic Drugs**. Interactive workshop on 'Safe Handling of Cytotoxic Drugs' **Speaker** (Presentation on 'Standards of Practice for Pharmacists') 5 October, 2002. Pharmacia Upjohn
 25. National Symposium. Aga Khan University National Symposium (**Cardiovascular and pulmonary Diseases**). Participant. 25-26 September, 2000. Aga Khan University Hospital
 26. National Symposium. Aga Khan University National Symposium (**Infectious Disease**). Participant. 20-21 September, 1999. Aga Khan University Hospital
 27. Scientific Program. Seminar on 'Update on Infection: Current Strategies and Management' Participant. 14-15 August, 1999 Sindh Institute of Urology and Transplant
 28. **Diabetes in Asia**, IDF-DAP conference on Diabetes in Asia Participant , 11-13 March, 1999. World Health Organization, Diabetic Association of Pakistan, International Diabetes Federation
 29. The fifth Dr. Zain-ul-Abidin Memorial Lecture **Molecular Genetics of Cancer**: State of the art, Diagnostic and Therapeutic Approaches Participant 25-26 February, 1999. University of Karachi
 30. Continuous Professional Development Course Continuous Medical Education (CPD) Lectures on the **Topics of Gastroenterology**, Gynecology, Diabetes, Respiratory Diseases, Endocrine disorders. 1998-2000 Aga Khan University Hospital
 31. Career Oriented Seminar on **Good Manufacturing Practices Quality Control Quality Assurance and Manufacturing Technology**. Participant 8-17 May, 1998 Faculty of Pharmacy UOK, Pakistan Pharmacist Association, Ministry of Health, Canada

VII. CONTINUOUS PROFESSIONAL DEVELOPMENT

CPD Credits Total: 67 Cr Hr

2019(5 Cr Hr)

1. **Inhibition of CYP2E1 with Propylene Glycol Does Not Protect Against Hepatocellular Injury in Human Acetaminophen**. January 2019. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
2. **Estimating Renal Function in Drug Development: Time to Take the Fork in the Road**. February 2019. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
3. **Population Pharmacokinetics of Tacrolimus in Transplant Recipients: What Did We Learn About Sources of Interindividual Variabilities?** March 2019. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
4. **Inhibition of CYP2E1 With Propylene Glycol Does Not Protect Against Hepatocellular Injury in Human Acetaminophen Daily-Dosing Model**. April 2019. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
5. **Accurate Prediction of Initial Busulfan Exposure Using a Test Dose with 2- and 6-Hour Blood Sampling in Adult Patients Receiving a Twice-Daily Intravenous Busulfan-Based Conditioning Regimen**. May 2019. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).

2018 (13 Cr Hr)

6. **How to be a GREAT Journal Peer Reviewer**. June 2018 (/0613/18, 2018 at 2:00 – 3:00 PM). **ACCP Webinar**. 1 Contact Hour / Knowledge Based Activity (ACPE).
7. **Thyroxin Use Is Associated with Increased Risk of Thyroid Cancer in Patients with Hypothyroidism**. January 2018. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
8. **Effect of Vitamin D in the Prevention of Myocardial Injury Following Elective Percutaneous Coronary Intervention: A Pilot Randomized Clinical Trial**. February 2018. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
9. **Pharmacokinetic Drug Interactions of Apatinib with Rifampin and Itraconazole**. March 2018. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).
10. **Brompheniramine and Chlorpheniramine Pharmacokinetics Following Single-Dose Oral Administration in Children Aged 2 to 17 Years**. April 2018. *Journal of Clinical Pharmacology*. 1 Contact Hour / Knowledge Based Activity (ACPE).

11. **Effect of Metformin on Hypothalamic-Pituitary-Thyroid Axis Activity in Elderly Antipsychotic-Treated Women with Type 2 Diabetes and Subclinical Hypothyroidism: A Preliminary Study.** May 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
12. **Impact of SLC01B1 Genotype on Pediatric Simvastatin Acid Pharmacokinetics.** June 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
13. **MAO-B and COMT Genetic Variations Associated with Levodopa Treatment Response in Patients with Parkinson's Disease.** July 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
14. **Drug-induced Proarrhythmia and Torsade de Pointes: A Primer for Students and Practitioners of Medicine and Pharmacy.** August 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
15. **Opioid Therapy in Acute and Chronic Pain.** September 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
16. **Cystatin C Is a More Reliable Biomarker for Determining eGFR to Support Drug Development Studies.** October 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
17. **Pharmacology of Antiretrovirals in the Female Genital Tract for HIV Prevention.** November 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
18. **Clinical Pharmacokinetic and Pharmacodynamic Overview of Nilotinib, a Selective Tyrosine Kinase Inhibitor.** December 2018. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

2017 (12 Cr Hr)

19. **High Resolution Personalized Precision Therapeutics.** June 2017 (06/14/2017 at 11:00 PM). **ACCP Webinar.** 1 Contact Hour / Knowledge Based Activity (ACPE).
20. **Antipyretic Effect of Clonidine in Intensive Care Unit Patients: A Nested Observational Study.** January 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
21. **Comparing the Incidence of Febrile Neutropenia Resulting in Hospital Admission Between the Branded Docetaxel and the Generic Formulations.** February 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
22. **Reinventing HCV Treatment: Past and Future Perspectives.** March 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
23. **5-HT₃ Receptor Antagonists for the Prevention of Perioperative Shivering: A Meta-Analysis.** April 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
24. **Evidence for the hERG Liability of Antihistamines, Antipsychotics, and Anti-Infective Agents: A Systematic Literature Review From the ARITMO Project.** May 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
25. **Facilitate Treatment Adjustment After Overdosing: Another Step Toward 21st-Century Medicine.** June 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
26. **Semisimultaneous Midazolam Administration to Evaluate the Time Course of CYP3A Activation by a Single Oral Dose of Efavirenz.** July 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
27. **Statins and Lower Gastrointestinal Conditions: A Retrospective Cohort Study.** August 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
28. **Effect of Intravenous Alfentanil on Nonpainful Thermally Induced Hyperalgesia in Healthy Volunteers.** September 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
29. **Effect of Pentoxifylline in Ameliorating Myocardial Injury in Patients with Myocardial Infarction Undergoing Thrombolytic Therapy: A Pilot Randomized Clinical Trial.** October 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
30. **Addressing Antiretroviral Therapy-Associated Drug-Drug Interactions in Patients Requiring Treatment for Opportunistic Infections in Low-Income and Resource-Limited Settings.** November 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
31. **Population Pharmacokinetic Analysis of Vaginally and Intravenously Administered Oxytocin in Postmenopausal Women.** December 2017. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

2016 (11 Cr Hr)

32. **Long-Term Effect of Rifampicin-Based Anti-TB Regimen Coadministration on the Pharmacokinetic Parameters of Efavirenz and 8-Hydroxy-Efavirenz in Ethiopian Patients.** December 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
33. **Compliance, Persistence, and Preferences Regarding Osteoporosis Treatment During Active Therapy or Drug Holiday.** November 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
34. **Ketoconazole-Associated Liver Injury in Drug-Drug Interaction Studies in Healthy Volunteers.** October 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
35. **Magnesium Deficiency and Proton-Pump Inhibitor Use: A Clinical Review.** *JCP – June, 2016.* *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
36. **Prescription Writing in Small Groups as a Clinical Pharmacology Educational Intervention: Perceptions of Preclerkship Medical Students.** August 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
37. **A Case-Based Approach to Integrating Opioid Pharmacokinetic and Pharmacodynamic Concepts in Cancer Pain Management.** July 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
38. **Renal Function Descriptors in Neonates: Which Creatinine-Based Formula Best Describes Vancomycin Clearance?** *JCP – May, 2016.* *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
39. **Influence of Kidney Disease on Drug Disposition: An Assessment of Industry Studies Submitted to the FDA for New Chemical Entities 1999–2010.** *JCP – April, 2016.* *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
40. **Addressing Potential Role of Magnesium Dyshomeostasis to Improve Treatment.** *Efficacy for Epilepsy: A Reexamination of the Literature.* *JCP – March, 2016.* *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
41. **Folic Acid Supplementation for Pregnant Women and Those Planning Pregnancy.** *JCP – February, 2016.* *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
42. **Prenatal Exposure to H₂ Blockers and to Proton Pump Inhibitors and Asthma Development in Offspring.** January, 2016. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

2015 (12 Cr Hr)

43. **Enzyme- and Transporter-Mediated Beverage-Drug Interactions: An Update on Fruit Juices and Green Tea.** December, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
44. **Weighing the Adverse Cardiac Effects of Fluoroquinolones: A Risk Perspective.** November, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
45. **Antiretroviral Therapy-Induced Toxicity Is Associated With Increased mRNA Expression of Telomerase.** October, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
46. **Management of Lipid Disorders in Patients Living With HIV.** September, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

47. **Coenzyme Q10 in Combination With Triple Therapy Regimens Ameliorates Oxidative Stress and Lipid Peroxidation in Chronic Gastritis Associated With H. pylori Infection.** August, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
48. **Simultaneous Plasma and Genital Pharmacokinetics and Pharmacodynamics of Atazanavir and Efavirenz in HIV-Infected Women Starting Therapy.** July, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
49. **Stem Cell State and the Epithelial-to-Mesenchymal Transition: Implications for Cancer Therapy.** June, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
50. **Patients Treated With First-Generation HCV Protease Inhibitors Exhibit High Ribavirin Concentrations.** May, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
51. **Modeling and Simulation Analysis of the Relationship Between Lesion Recurrence on Brain Images and Clinical Recurrence in Patients With Ischemic Stroke.** April, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
52. **Effect of CYP2C9–VKORC1 Interaction on Warfarin Stable Dosage and Its Predictive Algorithm.** March, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
53. **Meta-Analysis of Short-Term High Versus Low Doses of Atorvastatin Preventing Contrast-Induced Acute Kidney Injury in Patients Undergoing Coronary Angiography/Percutaneous Coronary Intervention.** February, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
54. **Clopidogrel: A Multifaceted Affair.** January, 2015. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

2014 (12 Cr Hr)

55. **Overview of Recently Approved 505(b)(2) New Drug Applications (2010–2012): Role of Clinical Pharmacology.** December, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
56. **Meta-analysis of High Doses of Ambroxol Treatment for Acute Lung Injury/Acute Respiratory Distress Syndrome Based on Randomized Controlled Trials.** November, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
57. **The Rationale of the Myo-Inositol and D-Chiro-Inositol Combined Treatment for Polycystic Ovary Syndrome.** October, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
58. **Entecavir Plus Adefovir Combination Therapy Versus Lamivudine Add-On Adefovir for Lamivudine-Resistant Chronic Hepatitis B: A Meta-Analysis.** September, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
59. **Positive Clinical Response to Clopidogrel is Independent of Paraoxonase I Q192R and CYP2C19 Genetic Variants.** August, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
60. **Seasonal Influenza Vaccination and Technologies.** July, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
61. **Reliability of Professional Volunteers Recruited for Clinical Trials.** June, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
62. **Expression of six drug transporters in vaginal, cervical, and colorectal tissues: implications for drug disposition in HIV prevention.** May, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
63. **Routine Drug and Food Interactions During Anthelmintic Treatment of Neurocysticercosis: A Reason for the Variable Efficacy of Albendazole and Praziquantel?** April, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
64. **How MDMA's Pharmacology and Pharmacokinetics Drive Desired Effects and Harms.** March, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
65. **CYP3A5_3 and Bilirubin Predict Midazolam Population Pharmacokinetics in Asian Cancer Patients.** February, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).
66. **Suitability of Digoxin as a P-Glycoprotein Probe: Implications of Other Transporters on Sensitivity and Specificity.** January, 2014. *Journal of Clinical Pharmacology.* 1 Contact Hour / Knowledge Based Activity (ACPE).

VIII. PROFESSIONAL MEMBERSHIPS and Certification

- Pharmacy Council of Sind (**Registered as Pharmacist Register A**) (1751)
- American College of Clinical Pharmacology (9903356)
- American Society of Microbiology (200027112)
- BLS Certification (eCard: CF44CA3AC904)

IX. RESEARCH ACTIVITIES

- **Supervised**
MPhil at Dow University of Health Sciences, 2009-2012.
- **External Examiner**
MPhil thesis review and Viva Voce Examination: Hamdard University. 2019
PhD thesis review. Department of Pharmacy, University of Peshawar, Peshawar, KPK, Pakistan. 2012
- **Research Grant**
Annual DSR Project (Deanship of Scientific Research-King Faisal University) 2013-14 of 75000 SAR.
- **Reviewer**
Pakistan Journal of Pharmaceutical Sciences.
- **Research Interest**
 - Neuropsychopharmacology of Antipsychotic drugs
 - Dermatological toxicities of various drugs
 - Topical drug delivery of different drugs

X. REFERENCES

1. Prof. Dr Darakshan J Haleem

Meritorious Professor of Neuropharmacology, (Ezaz-e Fazeelat) Laureate of the Presidential Award of Research
Dr. Panjwani Center for Molecular Medicine and Drug. Office-Extension 102, Tel: 111-222-292, Ext: 332,
University of Karachi. Pakistan. darakhshan_haleem@yahoo.com

2. **Dr Sibghatullah sangi**

Associate Professor of Pharmacology, College of Pharmacy- Rafha, Northern Border University, P.O. Box : 1321 Phone +966-4-6644014
Cell # +966563567585, Fax +966-4-6644014 Arar. Kingdom of Saudi Arabia. naimat37@hotmail.com doctor_sangi@yahoo.com

3. **Dr Kazeem Babatunde Yusuff**

Associate Professor, Dept of Pharmacy Practice, College of Pharmacy, Qatar University, P.O. Box 2713, Doha-Qatar. Tel: Phone: +974
4403-5641, Fax: +974 4403-5551, **Email:** yusuffkby@yahoo.co.uk; kyusuff@qu.edu.qa

4. **Prof Dr Saida Haider**

Professor at Neurochemistry and Biochemical Neuropharmacology Research Laboratory.

Dept of Biochemistry. University of Karachi, Karachi. Pakistan. Cell # 92-3002147944. saida-h1@hotmail.com, sahaider@uok.edu.pk